

IWMA INSIDER

THE OFFICIAL IWMA WIRE AND CABLE MEMBER MAGAZINE

SEPTEMBER 2026

CHINA BUILDS THE FUTURE

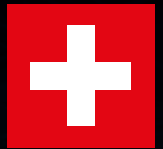
The projects, investment
and technology shaping
the next generation of
wire & cable

/ WIRE CHINA 2026 SPECIAL EDITION
/ INDUSTRY FOCUS: CHINA'S CHANGING WIRE & CABLE MARKET
/ LATEST NEWS AND INNOVATIONS FROM IWMA MEMBERS

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China, Connection and the Future of Our Industry

By Willibert Dautzenberg, IWMA Chairman

There are few places in the world where the scale and ambition of the wire and cable industry can be seen quite like Shanghai. As we welcome you to this special wire China edition of *IWMA Insider*, we are very much looking forward to being back in China and to another important week for our global industry.

wire China has developed into one of the key exhibitions in our international calendar. The 2026 edition will cover an impressive 80,500m², with more than 1,100 exhibitors and over 40,000 professional visitors expected. Held alongside Tube China, the wider event will bring together more than 1,600 exhibitors across 115,000m². These are impressive numbers, but for me the real importance of the exhibition is what happens within them: companies meeting customers, discovering new technology, discussing investment and building relationships across markets.

China remains a hugely important market for our industry, and it's a market that continues to evolve quickly. There are challenges, particularly in areas such as construction, but also significant opportunities across manufacturing, infrastructure, energy and international markets. Chinese companies are increasingly looking beyond their domestic market, while continued investment and technological development are creating new opportunities within China itself. In this special edition, we explore some of these developments in more detail through three articles focused on the Chinese wire and cable industry, major projects and investment, and the trends shaping the market. I hope you will take the opportunity to read these features and gain a broader view of what is happening in this important and influential market.

There's also an exciting amount of change taking place around the technologies and applications driving future cable demand. New energy, digitalisation, intelligent manufacturing, electric vehicles,

data centres, infrastructure upgrades and the continued development of power networks are all creating new requirements for our industry. wire China provides an excellent opportunity to see how manufacturers and technology providers are responding to these changing requirements, and I encourage you to take time to explore some of these themes throughout this edition of *Insider*.

IWMA is very much looking forward to welcoming our members to Shanghai. We'll be there in full force, supporting our Wire & Cable Hub exhibitors, welcoming our seminar speakers and, of course, inviting members from across the world to visit us at the IWMA stand. Our stand is there for our members to use, whether you need somewhere to meet, a place to take a break, some hospitality or simply a familiar face in a busy exhibition.

One of the highlights of the week will be The Great Connection, your IWMA Networking Event at wire China, on Wednesday 23 September. This year, we are excited to be visiting CHAR Bar at Hotel Indigo Shanghai on the Bund for the first time. With its fantastic views across the Bund and the Huangpu River, it provides a spectacular setting for an evening of relaxed networking after a busy day at the exhibition. We are looking forward to bringing our members and industry colleagues together to enjoy good food and drinks, take in the Shanghai skyline and, most importantly, make great connections and strengthen existing relationships.

Each IWMA member company will receive two complimentary tickets, with additional tickets available at €60 each. We are expecting another fantastic evening in true IWMA style, and I encourage everyone attending wire China to keep the date in their diaries and join us.

We are also pleased to welcome a strong programme of speakers to our IWMA seminar activity during the exhibition. Knowledge sharing and education are an important part of our role, and bringing experts together to discuss the issues and opportunities facing our industry adds



another valuable dimension to the exhibition.

While our attention is currently on Shanghai, 2026 continues to be a very busy year for IWMA. We are already looking forward to our Dinner Dance, which is shaping up to be our biggest yet, and then to wire India later in the year. We will continue to support members through our exhibitions, networking events, hospitality, pavilions, publications and other activities, creating opportunities for members to stay visible, connected and involved.

I would encourage every member to make full use of what IWMA offers. Come and see us in Shanghai. Use our stand. Join our events. Meet other members. Share your company news with us. Read and contribute to *Insider*. The more you engage with your membership, the more value it can bring to your business.

The global wire and cable industry is changing quickly, but it remains an industry full of opportunity. From energy and infrastructure to digital connectivity, manufacturing and new technologies, our products and expertise are fundamental to the development of the modern world. IWMA is proud to bring this international community together, and we look forward to supporting our members as the industry moves forward.

I wish everyone a successful wire China and look forward to seeing many of you in Shanghai.

With warm regards,
Willibert Dautzenberg
Chairman, IWMA

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How did China build such a powerful manufacturing ecosystem, and what can the West learn from it? This article looks beyond China's scale to explore the investment, supply chains, skills and industrial ecosystems driving its competitiveness, and what this could mean for the future of wire and cable manufacturing.

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On the cover

Shanghai in Motion

Our cover captures Shanghai's highways illuminated at night, reflecting the scale, energy and connectivity of one of the world's great industrial cities. It provides a fitting backdrop for this special Wire China edition, as we explore the markets, technologies and developments shaping the future of the global wire and cable industry.





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Fairways, Familiar Faces and a Fantastic First: The IWMA x IFSA Golf Day & Summer Social 2026

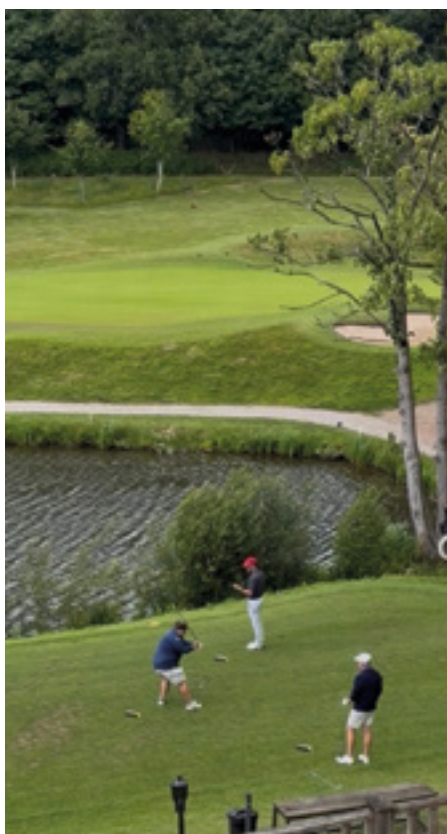


First impressions matter, and the inaugural IWMA x IFSA Golf Day & Summer Social certainly got off to a flying start.

Bringing together members and industry colleagues from across the wire, cable, fastener and spring sectors, the day reflected what both associations are all about: connecting people, sharing ideas and strengthening relationships across the industry.

Held at the beautiful Shrigley Hall in Cheshire, the event combined a round of golf with an evening of summer socialising, creating a relaxed setting where familiar faces could reconnect and new relationships could begin.

And, as seems to be tradition at IWMA events, the weather was on our side. While we're careful not to tempt fate for future occasions, the rain stayed away, allowing guests to enjoy everything Shrigley Hall's impressive grounds had to offer.



The morning began with breakfast before golfers headed out onto the championship course, while non-golfers enjoyed a slower-paced programme including golf lessons and time to unwind at the hotel's spa facilities before joining everyone for the evening celebrations.

As the final groups made their way towards the 18th hole – a picturesque finish played across the lake – guests gathered on the terrace overlooking the course to watch the final shots of the day. It was one of those moments where the competitive side of the event gave way to applause, conversation and a well-earned drink, before the Summer Social guests arrived and the courtyard came to life for the evening ahead.

Before the BBQ was served, Jonathan Horsfall, a member of the IWMA Executive Management Committee, presented the day's awards. Congratulations went to Pentre Group and Alloy Wire International, who took home the Team Award, Webster & Horsfall for Nearest the Pin, Copperweld for Longest Drive, and Temco Wire Products for winning Nearest the Pin in the Golf Lesson.

Of course, no IWMA networking event would quite feel complete without the now-famous IWMA Aperol Spritz. What started as a small touch has quickly become something of an unofficial IWMA signature, making another appearance at the Summer Social and adding a splash of unmistakable orange to the courtyard.

As the evening unfolded, live acoustic music provided the perfect soundtrack. The performance brought just the right amount of energy to the evening, creating the sort of atmosphere where conversations could continue, new introductions could be made, and nobody seemed in too much of a hurry to leave.

More than anything, the day was a reminder that the real value of IWMA and IFSA events lies in the people. The golf may have brought everyone together, but it was the time spent between holes, the introductions over a drink, the familiar faces catching up and the new relationships beginning that gave the day its real meaning.

From discussing business over breakfast and comparing golf scores on the terrace to catching up over an Aperol in the sunshine, the day was full of the kind of conversations and connections that simply don't happen quite the same way on a Teams call.

The feedback afterwards reflected exactly that feeling. Olly Smith of Alloy Wire International described the event as a **"very enjoyable and well-**



organised event”, adding that he is **“looking forward to next year’s – thanks again!”**

A huge thank you also goes to Ambica Steels and Webster & Horsfall for their generous sponsorship, which helped make the day such a success.

From the first tee-off to the final conversations in the courtyard, the inaugural IWMA x IFSA Golf Day & Summer Social was a fitting reminder of the value of taking time to connect away from our desks, meeting rooms and Teams calls.

And that’s exactly what makes these events special. The technology, products and innovations may drive our industries forward, but it’s the people behind them who create the connections that keep them moving.

The positive feedback from the day has certainly left us looking forward to the next opportunity to bring members and industry colleagues together in this way. For now, we’ll leave the clubs in the cupboard and raise a glass to a fantastic first IWMA x IFSA Golf Day & Summer Social.



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IFSA: Connecting the Fastener and Spring Industry

The fastener and spring industries are facing many of the same challenges as the wider manufacturing sector, from changing regulations and supply chain pressures to material costs, geopolitics, technology and shifting global demand. There is an opportunity to bring businesses from across the industry closer together, creating a stronger network for sharing knowledge, building relationships and discussing the issues shaping the sector.

This is the thinking behind the International Fastener and Spring Association (IFSA), launched in association with IWMA in 2026. IFSA is an international association bringing together businesses across the global fastener and spring supply chain, including manufacturers, material suppliers, machinery and technology companies and specialist service providers.

The relationship with IWMA is a natural one. IWMA has spent more than 50 years building an international network across the wire and cable industry, and many of its members already operate within, or supply into, the fastener and spring sectors. IFSA builds on those connections while giving the fastener and spring community its own dedicated platform.

The association is already developing a diverse membership,

with Alloy Wire International, Ambica Steels, Angor Incorporated, FTI, G&O Springs Ltd, Hearl Heaton, MFL Group, Nevatia Steel & Alloys Pvt. Ltd., NV Bekaert, Offshore Stainless & Alloys, Pentre Group, Q8Oils, Webster & Horsfall and WFTI among its current members, with new members joining every month.

That diversity is important because industry challenges rarely affect every business in the same way. A UK manufacturer may have a very different experience from an international supplier, while a raw material producer, machinery manufacturer or specialist service provider will have another perspective. IFSA aims to bring those experiences together and encourage a broader industry conversation.

IFSA Insight 2027

This approach will be at the heart of IFSA Insight, the association's first major industry event, planned for early 2027.

The inaugural event will focus on UK Steel Safeguards: Impact, Insight & International Perspectives. The UK's new steel safeguarding measures represent a significant change for many businesses, including a number of IFSA's current members. However, the discussion will not be limited to a UK perspective. The measures also affect companies around the world supplying into the UK market, making an international view essential.

IFSA is working towards bringing together senior representatives

from the Department for Business & Trade, British Steel, CRU and manufacturers from across the supply chain. The event will explore how the measures are working in practice, what businesses have experienced and what the industry would like to see happen next, culminating in an executive panel discussion.

The ambition is for IFSA Insight to become an annual flagship event, with the subject changing each year to reflect the major commercial issues affecting the fastener and spring industries internationally.

Help shape IFSA

As a new association, IFSA has the opportunity to develop alongside the industry it represents. Members will help shape the subjects it explores, the events it delivers and the conversations it facilitates.

For businesses across the fastener and spring supply chain, membership provides an opportunity to connect with companies facing similar challenges, develop new relationships and contribute to a wider industry conversation. For IWMA members, it also creates an additional route into the fastener and spring community.

With membership continuing to grow and IFSA Insight 2027 on the horizon, there is an opportunity for businesses across the industry to get involved and help shape the association's future.

To find out more about IFSA membership and upcoming activities, visit ifsa-online.org.



Connections That Move the Industry Forward: Book Your Tickets to These Upcoming IWMA Events



The wire and cable industry is built on more than technology and innovation – it's built on the people behind it. The relationships developed, ideas exchanged and experiences shared between industry professionals continue to shape the future of our global community.

Throughout the year, IWMA events bring members, industry colleagues and partners together away from the day-to-day. From networking alongside major international exhibitions to dedicated social and industry gatherings, each event offers a chance to meet new people, reconnect with familiar faces and enjoy the sense of community that sits at the heart of IWMA.

With tickets now available for several upcoming events, we look forward to welcoming the IWMA community to Shanghai, London, Mumbai and Liverpool in the months ahead.

The Great Connection at wire China Wednesday 23 September 2026

After a busy day at wire China, the conversation continues above one of the world's most recognisable skylines.

On Wednesday 23 September, IWMA members, colleagues and industry friends will gather at CHAR Bar, Hotel Indigo, Shanghai, for an evening overlooking the Bund and Pudong skyline.

As guests arrive, IWMA's signature Aperol Spritz will once again be waiting to welcome them, setting the scene for an evening of networking, conversation and connection.

Because at IWMA, when the exhibition hall closes, the conversations don't end – in Shanghai, they simply rise to the rooftop.

IWMA members receive two complimentary tickets. Additional tickets are available at €60 per person.

IWMA Dinner Dance Friday 13 November 2026

One of the most anticipated events in the IWMA calendar returns on Friday 13 November at Tower Suites by Blue Orchid, London Bridge. The event is already shaping up to be our best-attended Dinner Dance to date, with strong interest from across the IWMA community.

Taking place in the venue's rooftop space overlooking Tower Bridge and the Tower of London, the evening will provide a memorable backdrop for an occasion that brings together colleagues, partners and friends from across the global wire and cable community.

Guests will enjoy welcome drinks, a three-course dinner, live entertainment and dancing, followed by the first-ever IWMA after-party, giving guests the chance to keep the celebrations going into the evening.

Individual tickets are £195 per person, with tables of up to 10 available for £1,755.

The Great Connection at wire India Tuesday 1 December 2026

Following the success of previous IWMA networking evenings, The Great Connection will return at wire India 2026, providing another opportunity to meet with colleagues and extend the day beyond the exhibition floor.

Taking place on Tuesday 1 December, the evening will feature a Mumbai-style networking event co-hosted by IWMA, Mikrotek Machines, Maillefer and Niehoff India.

Further details will be announced soon, so keep an eye on the IWMA website for updates.

IWMA Industry Networking Lunch, UK Thursday 11 February 2027

Following the success of the sold-out IWMA Industry Networking Lunch, UK 2026 at the Silverstone Museum, the event will return in 2027 at another iconic venue.

Taking place at Anfield Stadium, Liverpool, guests will enjoy lunch overlooking the famous pitch, alongside opportunities to network and experience the stadium from behind the scenes at one of the world's most recognisable sporting venues.

Combining industry networking with the history, atmosphere and heritage of Anfield, the event promises another standout gathering for the IWMA community.

Individual tickets are £98 per person, with tables of 10 also available.

BOOK YOUR PLACE TODAY!

Further information for all upcoming events is available on the IWMA website. To secure your place at any of these events, please visit the IWMA website or contact Olivia Pearce at olivia@iwma.org.

We look forward to bringing the IWMA community together throughout 2026 and beyond.



IWMA Pavilion at wire Mexico 2027 Now on Sale

Following the announcement in the June edition of *IWMA Insider* that the IWMA Pavilion will return to wire Mexico in 2027, IWMA is pleased to confirm that pavilion spaces are now officially on sale.

Taking place from 23 to 25 February 2027 at Cintermex in Monterrey, wire Mexico will once again bring together key players from across the Latin American wire and cable sectors, providing an important platform for international business, industry networking and new market opportunities.

The IWMA Pavilion will build on the strong foundations established at the previous edition, offering members a professional and supported way to exhibit as part of a wider group presence. With spaces filling fast, members considering wire Mexico as part of their 2027 exhibition plans are encouraged to secure their place early.

For 2027, IWMA members can exhibit through the IWMA Premium

Stand and Build Package, designed to offer flexibility, visibility and practical support throughout the exhibition process. The package is available from \$710 per square metre, with a one-time \$710 IWMA management fee applying to all space applications. Pricing excludes VAT, with VAT applicable for UK members.

The package includes a range of practical features designed to make exhibiting as simple and effective as possible, including flexible individual exhibitor space, branded stand elements, essential on-site facilities, access to IWMA shared meeting space, complimentary hospitality and set-up support from a dedicated stand builder.

Members exhibiting within the pavilion will also benefit from personalised IWMA support before, during and after the exhibition, as well as PR opportunities through IWMA media channels to help raise awareness of their participation.

More than simply a stand space, the IWMA Pavilion provides a central

base for members throughout the show, supporting meetings, conversations and new connections while helping companies strengthen their presence in the Latin American wire and cable market.

As also highlighted in the June edition, IWMA is planning to host an evening networking event on 24 February, giving members and industry colleagues the opportunity to connect, unwind and continue conversations beyond the exhibition floor. Further details will be shared with members in due course.

wire Mexico 2027 represents an exciting opportunity for IWMA members to showcase their business, connect with new and existing contacts and build visibility in one of the industry's most important international markets. While pavilion space remains available, members interested in exhibiting can contact Jessica Bennett at jessica@iwma.org for further information, full package details or an application form.



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**23-25 FEBRUARY 2027
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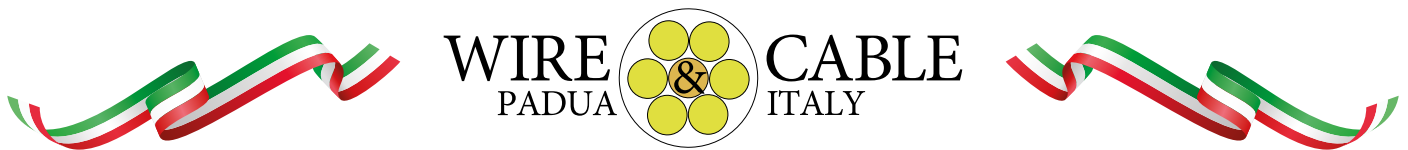




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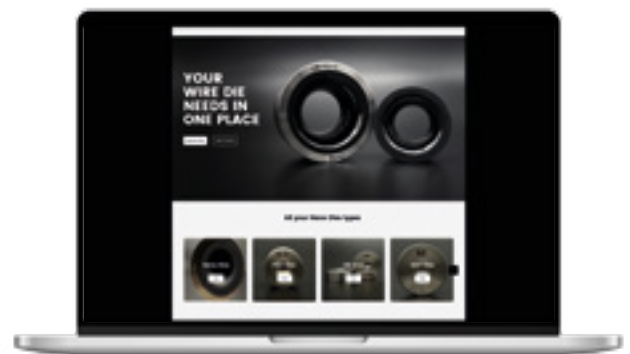


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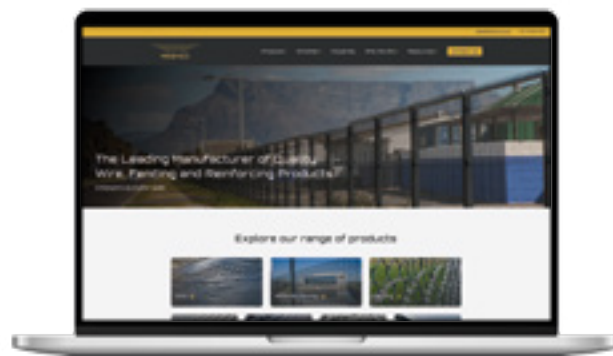
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wire China 2026: A Global Industry Meets a Changing Market

This September, the global wire and cable industry will gather once again in Shanghai for wire China, one of the sector's most significant international exhibitions. Bringing together machinery manufacturers, cable producers, materials suppliers, technology specialists and industry professionals from across China and around the world, the event offers a valuable opportunity to do business and gain insight into one of the industry's most influential and rapidly evolving markets.

China has long been a market that international companies cannot afford to ignore. Its scale and manufacturing capability have made it central to the development of the wire and cable industry for decades. The Chinese wire and cable market was valued at around US\$41.9 billion in 2024 and is projected to reach US\$58.7 billion by 2029. Yet the relationship between China and the rest of the world is also changing. For many international businesses, the conversation is no longer simply about accessing the Chinese

market. Increasingly, it is also about understanding how Chinese manufacturers, technology and investment are influencing markets far beyond the country's borders.

That changing relationship is one of the reasons wire China remains such an important event on the international calendar. The exhibition provides a concentrated view of the companies and technologies shaping the sector, bringing together the domestic Chinese market with suppliers and visitors from across the world.

The exhibition will once again cover the full wire and cable manufacturing chain, with machinery, processing equipment, materials, auxiliary technology, testing and measurement solutions, automation and finished products represented across the show. Beyond the individual products and machines on display, however, the exhibition also reflects the changing priorities of manufacturers and their customers.

Across the global industry, manufacturers are seeking greater efficiency, productivity and flexibility while managing costs and responding to increasingly sophisticated customer requirements. Automation

and digitalisation continue to influence investment decisions, while advances in manufacturing technology are creating new opportunities to improve quality, consistency and performance. These trends are not unique to China, but the scale and pace of the country's manufacturing sector make wire China a particularly interesting place to see how companies are responding to them.

The increasingly international nature of the wire and cable business is another important part of the story. International machinery manufacturers and technology suppliers continue to view China as an important market, while Chinese companies are becoming increasingly visible in international supply chains and overseas markets. Recent trade data underlines that changing relationship, with China's wire and cable exports reaching around 3.15 million tonnes in 2025, an increase of 13.6% on the previous year. As competition becomes more global, companies are looking beyond their traditional markets for customers, partnerships and opportunities.

This changing landscape presents both opportunities and challenges. Businesses are competing with a broader range of companies

than ever before, while customers increasingly have access to technology and suppliers from around the world. At the same time, international expansion is opening new possibilities for companies willing to develop relationships and understand markets beyond their own borders. For companies looking to navigate that environment, maintaining strong relationships and a clear understanding of developments across different markets will become increasingly important.

Despite the increasing use of digital communication, the value of face-to-face meetings remains significant. This is particularly true in an international industry where long-term relationships, technical understanding and trust play an important role. Shanghai provides a particularly fitting setting for those conversations. As one of Asia's leading international business centres, the city has long connected Chinese industry with the rest of the world, and during wire China it becomes a meeting point for companies and individuals from across the wire and cable sector.

IWMA will once again be part of that international conversation at wire China, with an expanded programme of activity designed

to bring members and the wider industry together throughout the week. At the centre of this will be the new Wire & Cable Hub, a dedicated space bringing together IWMA member exhibitors with opportunities for networking, meetings and technical discussion. The Hub will also host the new Wire & Cable Hub Seminar Programme, with presentations and discussions exploring some of the key issues shaping the global wire and cable industry. Taking place on 22 and 23 September, the programme will bring together technical expertise, industry insight and forward-looking discussion from across the sector. Find out more about the Wire & Cable Hub and Seminar Programme on page 19.

The week will begin with Lunch & Link, a complimentary networking lunch for IWMA members on the opening day of the exhibition, providing an opportunity to meet fellow members, connect with exhibitors and discover what lies ahead during the week. The association will also host The Great Connection, bringing IWMA members, colleagues and industry friends together away from the exhibition floor on the evening of Wednesday 23 September. Held at CHAR Bar at Hotel Indigo Shanghai on the Bund, the event will provide

the opportunity to reconnect with familiar faces, meet new contacts and continue the conversations that begin during the show. Find out more about The Great Connection at wire China on page 14.

For some companies, wire China represents a direct opportunity to do business in one of the world's most important manufacturing markets. For others, it provides the chance to meet existing customers and partners. But even for businesses that are not currently active in China, the exhibition offers something valuable: an opportunity to better understand the companies, technologies and competitive forces that are increasingly influencing the international wire and cable industry.

The strongest exhibitions are more than marketplaces. They offer an opportunity to take stock of an industry, understand the forces shaping it and consider what may come next. As the global wire and cable community gathers in Shanghai this September, wire China will once again provide an important meeting point for business, technology and international exchange.

An Evening Above the Bund: The Great Connection at wire China



Shanghai has a way of making an industry look different after dark. On Wednesday 23 September, IWMA members, colleagues and industry friends will find that out for themselves at The Great Connection, held 16 floors above the Huangpu River at CHAR Bar, Hotel Indigo Shanghai on the Bund.

It's a welcome pause in a busy few days at wire China: good company, great surroundings and the chance to spend proper time with the people behind the industry, away from the pace of the show floor.

As guests arrive, the evening will begin with an IWMA classic: the Aperol Spritz, now something of a signature wherever the association turns up. Once everyone has had the chance to settle in, IWMA Chairman Willibert

Dautzenberg will offer a short welcome and get the evening underway.

Then comes the part that needs no particular schedule: finger food, complimentary drinks and live entertainment, with Shanghai's skyline providing the backdrop. Conversations will move easily from one group to another, new introductions will be made and old acquaintances will have the chance to catch up away from the noise and demands of the exhibition.

That, ultimately, is the point of The Great Connection. It's the conversation that started on the show floor and never quite finished. It's the introduction someone has been meaning to make all week. It's a new contact, made easily, because there's finally time for it.

It's this pairing – good people, in a setting worth remembering – that has made The Great Connection

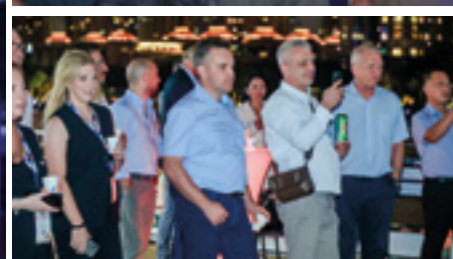
one of the fixtures of the exhibition calendar, wherever in the world it lands.

And as the evening draws to a close, the skyline will still be shining, the river still moving and the city still buzzing below – a reminder that sometimes the best connections are made when you simply have time to enjoy the view.

Be part of The Great Connection

IWMA member companies receive up to two complimentary tickets to The Great Connection. Additional guests are welcome and will be invoiced to the member company at €60 per person, including complimentary drinks until 22:30 and a finger food buffet.

Tickets are now available. To reserve your place, please contact Olivia Pearce at olivia@iwma.org.



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Beyond the Exhibition: Making the Most of Shanghai

For many visitors to wire China, days in Shanghai will be filled with meetings, customer visits and conversations across the exhibition halls. But if you find yourself with a free evening, a few hours between commitments or perhaps an extra day before flying home, one of the world's most distinctive cities is waiting just beyond the show.

Shanghai is a city of contrasts. Historic waterfront buildings look across the Huangpu River towards one of the world's most recognisable modern skylines, while traditional gardens and narrow streets sit alongside glass towers, rooftop bars and some of Asia's most exciting restaurants.

So, if your diary allows a little time away from the exhibition, here are a few ways to make the most of it.

If you only have one evening...

Start with **the Bund**.

Stretching along the western bank of the Huangpu River, the Bund is one of Shanghai's defining landmarks. Its historic buildings, many of which once housed banks and international trading companies, face directly across the river towards the futuristic towers of Pudong.

It is particularly impressive after dark, when the Pudong skyline

illuminates across the water. For anyone making their first visit to Shanghai, an evening walk here offers perhaps the quickest introduction to the scale and character of the city.

From there, continue into nearby **Nanjing Road** for shops, restaurants and plenty of evening activity, or cross the river towards Lujiazui for a closer look at Shanghai's modern skyline.

Of course, IWMA members already have another evening option planned: **The Great Connection at CHAR Bar on Wednesday 23 September**, an exclusive IWMA member networking event with panoramic views over the Huangpu River and Pudong skyline. Find out more about the event and how to secure tickets on **page 14**.

A few hours to spare?

For something altogether different from the exhibition halls, head to **Yuyuan Garden and Shanghai Old City**.

Yuyuan is a traditional Chinese garden of pavilions, ponds, rockeries and bridges, surrounded by historic-style streets, shops and places to eat. It provides an atmospheric contrast to Shanghai's high-rise business districts and can easily be combined with a visit to the Bund if time is limited.

Another good option is **Xintiandi**, where restored traditional shikumen buildings sit alongside restaurants, cafés and modern retail. For those who would rather simply walk and explore, the leafy streets

around Shanghai's former French Concession offer cafés, restaurants, distinctive architecture and a noticeably slower pace than the financial districts.

If you have slightly longer, **Suzhou Creek** provides another side of Shanghai, with riverside paths passing bridges, historic buildings, galleries and neighbourhood streets.

Eat like you're in Shanghai!

Business trips have a habit of becoming a succession of hotel breakfasts, exhibition coffee and late dinners, so make time for at least one local meal.

Shanghai's best-known speciality is arguably **xiaolongbao** – delicate steamed dumplings filled with meat and hot broth. **Shengjian bao**, pan-fried buns with a crisp base and juicy filling, are another local favourite.

The city's food scene goes far beyond dumplings, however. Shanghai cuisine is traditionally known for rich, often slightly sweet flavours, braised dishes, seafood and seasonal ingredients, while the city's international character means everything from informal neighbourhood restaurants to high-end dining is readily available.

For a business dinner, areas around the Bund, Xintiandi and the former French Concession offer plenty of polished options. For a quicker taste of the city, look for a busy local dumpling restaurant and order a few dishes to share.





A little Shanghai know-how...

Check the latest entry requirements.

China now offers visa-free entry to eligible ordinary passport holders from several countries for business visits of up to 30 days. Requirements vary by nationality, however, so travellers should check the latest official guidance well before departure and ensure their passport meets the relevant conditions.

Be prepared for warm weather.

September marks the beginning of autumn, but Shanghai can still be warm and humid. A lightweight jacket and compact umbrella are useful additions to the exhibition bag.

Set up mobile payments before you arrive.

Mobile payment is widely used throughout China. International visitors can link overseas bank

cards to services such as Alipay and Weixin Pay, making restaurants, shops and local transport considerably easier to navigate.

Plan your internet access. Some international apps and websites may be unavailable on local networks, so arrange roaming, an eSIM or other suitable access before travelling.

Getting around. Shanghai's Metro is extensive and often the simplest option at busy times. Taxis can be hailed on the street, while DiDi offers an English-language ride-hailing service through its app or Alipay.

Allow more time than the map suggests. Shanghai is vast. Two places that appear reasonably close on a map can still involve a considerable journey, particularly during rush hour, so avoid trying to squeeze too much into an evening after a full day at the show.

A fitting setting for wire China

Shanghai's role as an international commercial centre is nothing new.

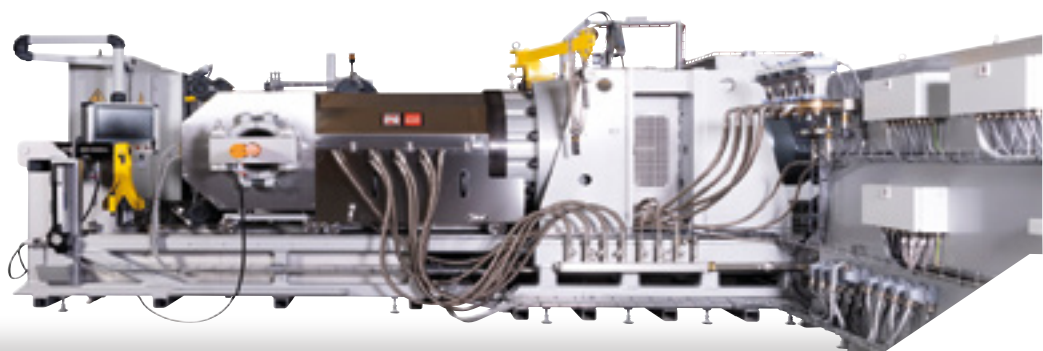
Its position on the Huangpu River helped establish the city as a major trading centre, and that history remains particularly visible along the Bund, where former banks, trading houses and commercial buildings line the waterfront.

Today, the view across the river towards Pudong tells the next chapter of the same story: a city that has continued to reinvent itself around international trade, finance, technology and industry.

For wire China visitors, that makes Shanghai particularly fitting. After a day spent meeting companies and colleagues from around the world, step outside the exhibition and you'll find a city whose own story has been shaped by many of the same things: trade, innovation and international connection.

Whether you have an entire free day or simply an hour for a walk after dinner, make the most of being in Shanghai. After all, there is plenty to discover beyond the exhibition halls.

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Experience the Wire & Cable Hub at This Year's wire China

Following its introduction in the previous edition of *IWMA Insider*, the new Wire & Cable Hub is ready to make its debut at wire China 2026!

Developed in partnership between IWMA and Messe Düsseldorf Shanghai, the Hub will combine exhibition space, technical knowledge-sharing and informal networking in one dedicated feature area in **Hall E1, Stand B68**, from 21 to 24 September.

Visitors will be able to meet seven IWMA member companies exhibiting within the Hub: **AFH-Antriebstechnik GmbH, HAEHNE Force Measurement Technology, TEMCO Wire Products Limited, Bar Products & Services Ltd, BHAG Digital, GMM Cable Machinery and InnoVites B.V.**

Having introduced the companies and their expertise in the previous edition, this issue turns its attention to what visitors can experience at the Hub during the show.

Start the week with Lunch & Link

The Hub programme will begin with the lunchtime event **Lunch & Link: Where Industry Minds Meet** on Monday 21 September from 12:00 to 14:00.

Complimentary for all IWMA members visiting or exhibiting at wire China, the event will offer a relaxed opportunity to reconnect with familiar faces, make new introductions and explore the Hub at the start of the exhibition week.

Members are welcome to attend for the full event or simply stop by for a quick bite to eat between appointments.

Advance booking is required; members can register their intention to attend by emailing olivia@iwma.org.

Take your seat for two days of industry insight

The Wire & Cable Hub Seminar Programme will take place across **Tuesday 22 and Wednesday 23 September**, bringing together technical presentations, market insight and practical industry discussion from IWMA members, Hub participants, sponsors and invited specialists.

IWMA's Data Insight Partner, **CRU**, will also contribute market intelligence and support the panel discussions, helping to place the technical content within a wider commercial and global context.

Attendance is complimentary, and advance registration is not required.

Proudly supported by our Hub sponsors

The Wire & Cable Hub is supported by a group of industry sponsors whose involvement is helping to deliver an expanded programme of presentations, networking and visitor engagement.

With sincere thanks to



Visit IWMA at Stand E1, D52

Alongside the new Wire & Cable Hub, visitors will also find IWMA at its dedicated member stand in **Hall E1, Stand D52**, open throughout wire China from 21 to 24 September.

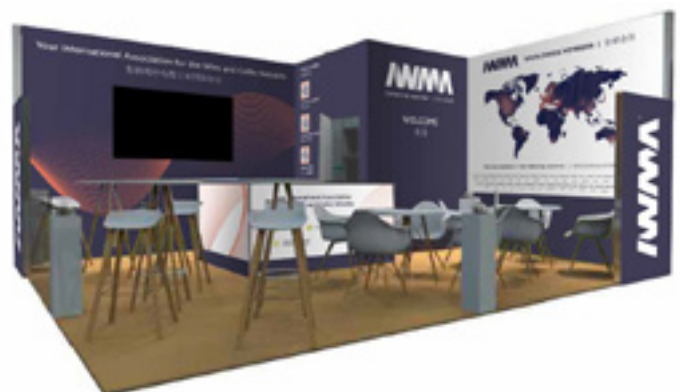
The stand will provide a welcoming and practical base for IWMA members, partners and industry visitors during the exhibition. Guests can meet the team, enjoy the association's signature hospitality and use the available meeting tables for business discussions or informal conversations between appointments.

IWMA will also be on hand to provide introductions, practical exhibition support and guidance on making the most of wire China.

Visitors can collect the latest edition of *IWMA Insider*, explore upcoming IWMA exhibitions and events, and find out more about the resources, promotional opportunities and international support available through membership.

Whether you are an existing member, considering joining IWMA or simply looking to connect with the wider industry, the stand offers a convenient base to learn more about the association and the support available to companies across the global wire and cable sector.

Come and say hello during the show or visit iwma.org to find out more.



Wire & Cable Hub Seminar Programme

Tuesday 22 September

Advanced Manufacturing & High-Performance Cables
New technologies for next-generation cable production

Time	Session/Presentation	Speaker
9:50-10:00	Welcome	Willibert Dautzenberg, IWMA Chairman
10:00-10:30	Fire Performance Standards for Cables: The Role of Third-Party Testing and Certification	Obada Piracha, Senior Certification Manager & Yasir Arain, Certification Project Manager, Loss Prevention Certificate Board (LPCB)
10:30-11:00	Advancing Stranding Technology: Productivity, Precision & Next-Generation Cable Production	Matthias Strobel, Management, SKET Verseilmaschinenbau GmbH
11:00-11:30	AC Linear Resistance Measurement and Trends of Larger Energy Conductors	Dr. Boris Dardel - Product Development Manager, AESA SA
11:30-12:00	Supporting Subsea Cable Reliability with High-Performance Water-Blocking Technology	Rachel Bywater-Product Manager - Cable, Metalube Group Ltd.
12:00-12:30	Critical Requirements for High-Performance Wire & Cable Applications: Engineering Considerations for Ultra-Thin Fluoropolymer Coatings, Equipment Optimization, and Extruder Sizing	Mr Kamthorn Sukapanpotharam - Engineering & Quality Director, Xaloy Asia (Thailand) Ltd.
12:30-13:00	Innovations in Manufacturing Technologies for High-Voltage Cables: Towards Next-Generation Production Systems	Mikko Lahti, R&D Director, Maillefer Extrusion Oy

Resilience, Cost & Efficiency

Building stronger and more efficient cable supply chains

Time	Session/Presentation	Speaker
14:00-14:30	Global Wire & Cable Market Analysis	Chenfei Wang- Head of Wire & Cable and Speciality Materials Market, CRU
14:30-15:00	The Hidden Cost of Disconnected Cable & Wires' Shop Floors	Mohamed Wahba, Industry 4.0 Expert & BDO, BHAG Digital
15:00-15:30	Wire Drawing Lubricants - Products & Technical Applications	Dr Christoph Kerpen, R&D Group Lead, Zeller+Gmelin (Suzhou) Co., Ltd.
15:30-16:00	Innovative Solutions and Machine Efficiency for the Cable Industry	Dongan Wu, Area Sales Manager, SAMP S.r.l.
16:00-16:30	Panel Discussion: Resilience vs Efficiency: How Can Cable Manufacturers Stay Competitive in a Changing Global Market?	Led by Chenfei Wang, Head of Wire & Cable, CRU

Wednesday 23 September

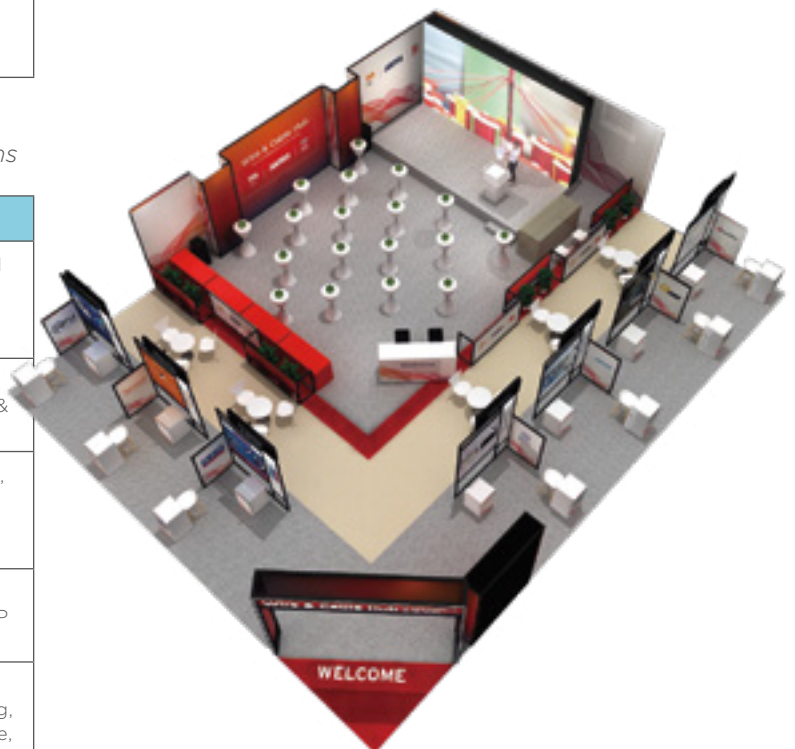
Sustainability & Greener Manufacturing
Materials, processes and pathways to lower-impact cable production

Time	Session/Presentation	Speaker
10:30-11:00	Optimising Wire Drawing Lubricants for Productivity, Efficiency and Sustainability	Rachel Bywater, Product Manager - Cable, Metalube Group Ltd
11:00-11:30	Drawing Die Measurement, Sustainability and Productivity	Kjell E. Johnsen, Head of Wire & Cable Division, Conoptica AS

Smart Manufacturing & Digitalisation

AI, connected factories and intelligent production

Time	Session/Presentation	Speaker
11:30-12:00	What If Your Factory Will Think? Introducing Cognitive Manufacturing	Vitalii Haleliuka, General Manager, BHAG Digital
12:00-12:30	From Shop-Floor Data to AI-Driven Manufacturing Decisions	Mitesh Zatakiya, Senior Consultant - MES, InnoVites B.V.
12:30-13:00	Smart Manufacturing for Cable Production Lines	Yunus Culfa, Export, Sales & Marketing Specialist, GMM Cable Machinery





IWMA Members Exhibiting at wire China 2026

COMPANY	HALL	STAND
HALL E1		
WIRE & CABLE HUB IN ASSOCIATION WITH IWMA		
AFH-Antriebstechnik GmbH	E1	B68-1
Bar Products and Services Ltd	E1	B68-3
BHAG Digital FZ-LLC	E1	B68-4
Güven Mühendislik Makina Kimya ve Elektronik AS (GMM)	E1	B68-6
HAEHNE Elektronische Messgeräte GmbH	E1	B68-5
InnoVites B.V.	E1	B68-7
Temco Wire Products Ltd	E1	B68-2
HALL E1		
AESA Measuring Equipment (Shanghai) Co., Ltd.	E1	G16
August Strecker GmbH & Co KG	E1	E45
Balloffet SAS	E1	F12
Bekaert Management (Shanghai) Co., Ltd.	E1	C06
Cabeltec	E1	A41
CCMotionTec GmbH	E1	D26
CONDAT Lubricants SAS	E1	E15
Conoptica A.S.	E1	E23
CSM METALURJİ MAKİNE SANAYİ A.Ş	E1	F35
Domeks Makine Anonim Sirketi	E1	B32
EDER Engineering GmbH	E1	D18
ESTEVEES-DWD (Shanghai) Diamond Dies Co., Ltd.	E1	F61
FIB Belgium	E1	A18
Flymca	E1	B40
FMS Force Measuring Systems AG	E1	A16
FUHR GmbH & Co. KG	E1	F42
Gwo Lian (Jiaxing City) Machinery Industry Co., Ltd.	E1	F11
H Folke Sandelin	E1	D51
Hans Schmidt & Co GmbH	E1	E33
Henrich Maschinenfabrik GmbH	E1	B41
Ideal-Werk C + E Jungeblodt GmbH & Co KG	E1	D33
Joachim Uhing GmbH & Co. KG	E1	D32
Klüber Lubrication GmbH	E1	D31
Koenig & Bauer Coding (Hangzhou) Co., Ltd.	E1	E31
KYOCERA Fineceramics Europe GmbH	E1	G40
Maillefer Extrusion Oy	E1	C11

COMPANY	HALL	STAND
Maschinenfabrik NIEHOFF GmbH & Co. KG	E1	D51
Medek & Schorner GmbH	E1	C21
Metalube Group Ltd.	E1	F63
MFL Group	E1	A31
Microdia SA	E1	B05
Plasmait GmbH	E1	F09
Proton Otomasyon Elektrik Makine Ins. Taah. San. ve Tic. Ltd. Sti.	E1	B55
Proton Products Limited	E1	A03
Rautomead Limited	E1	C52
Reber Systematic GmbH & Co.KG	E1	E36
RICHARDSAPEX INTERNATIONAL PTE LTD	E1	B51
Rosendahl Nextrom GmbH	E1	B11
SAMP (Changzhou) Co.,ltd	E1	D01
SETIC POURTIER SAS	E1	D15
Sikora GmbH	E1	B31
SKET Verseilmaschinenbau GmbH	E1	B41
Sneham Taping Solutions Private Limited	E1	G57
Troester GmbH & Co KG	E1	F43
Uygar Makina Sanayi ve Ticaret Ltd. Sti.	E1	F67
Zumbach Electronic (Shanghai) Co., Ltd.	E1	A07
HALL E2		
ABZ (SHANGHAI) SMART TECH.CO.LTD	E2	A01
BWE Limited	E2	D83
Jiangsu Jiacheng Technology Co., Ltd.	E2	F21
Shanghai Kechen Wire & Cable Machinery Co Ltd	E2	C23
HALL E3		
Qunye Electrical Co Ltd	E3	D41
HALL E4		
Sichuan Jiuxun Technology Co Ltd	E4	A42
HALL E6		
Geilivable - Yichang Geili Diamond Industrial Co Ltd	E6	B23A
Zhejiang Shuangyin Technology Co., Ltd.	E6	D03
HALL E7		
Pamica Group Limited	E7	D23
Yangzhou Tengfel Electric Cable and Appliance Materials Co., Ltd	E7	D03

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WIRE CHINA
BOOTH E1 B31



AUGUST STRECKER Highlights Proven Welding Technology and New Developments at wire China 2026

Since 1933, AUGUST STRECKER has been developing and manufacturing high-quality butt welding equipment for the wire and cable industry, serving customers across both ferrous and non-ferrous sectors. With decades of experience in welding technology, the company has established a strong reputation for delivering reliable, high-performance solutions tailored to the individual requirements of its customers.

AUGUST STRECKER supports wire producers worldwide with innovative

welding equipment designed to improve production efficiency, process reliability and product quality. Its machines are used across a wide range of applications, from wire processing and rod production to the manufacture of stranded conductors.



At wire China 2026, AUGUST STRECKER will present its proven machine technologies alongside new developments for the wire and cable industry. Visitors will have the opportunity to discover the type SE1, designed for welding stranded conductors, as well as the type 2a, suitable for welding both ferrous and non-ferrous rod wires.

With products installed in more than 110 countries worldwide, AUGUST STRECKER continues to combine engineering expertise, dependable technology and customer-focused solutions to meet the evolving needs of the global wire industry.

Hall E1, Stand E45
www.strecker.de

Esteves: Advancing Precision Tooling at wire China 2026

Esteves Group is the world's leading manufacturer of high-precision wire drawing dies, cabling dies and extrusion tooling for the wire and cable industry.

At our stand, we will showcase a comprehensive overview of our latest developments and core solutions, including:

- Our classic assortment of drawing dies, featuring natural

diamond, synthetic single-crystal diamond, PCD and tungsten carbide solutions.

- Our broad range of extrusion tooling.
- Stranding, bunching and compacting dies.
- EZero dies, our premium solution for superior wire quality and higher performance, now with new applications.
- Diamond-coated dies, with new ranges.
- Shape dies for HV conductors and customised wire shapes.

Meet the Esteves Group team and explore how our advanced tooling technologies can help you improve performance, efficiency and sustainability in wire drawing and extrusion.

Hall E1, Stand F61
www.estevesgroup.com

Cabeltec: Supporting Wire and Cable Production Across the Industry Spectrum

Founded in 1977 and based near Lausanne, Switzerland, Cabeltec has spent almost 50 years working alongside wire and cable producers across Europe, North Africa, India and Asia.

At wire China, Cabeltec represents the two extremes of the industry:

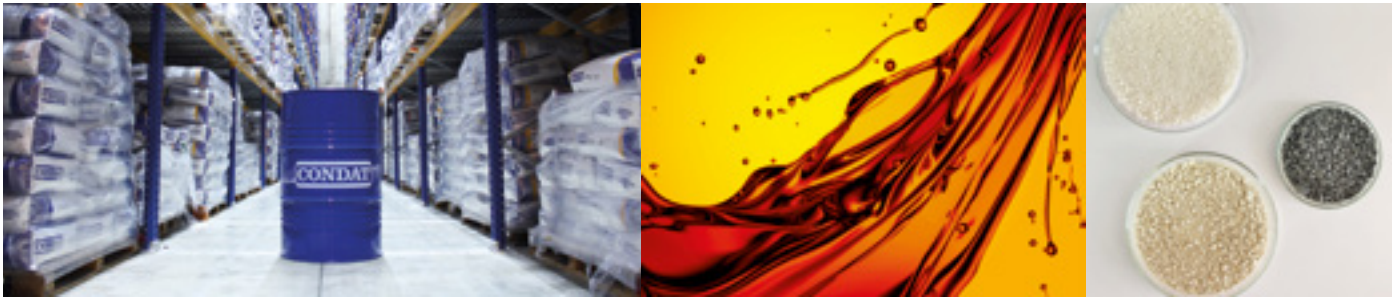
fine wire down to 10 microns produced on rolling mill heads and heavy take-up bobbins handling up to more than 100 tonnes.

Beyond the machines themselves, Cabeltec covers the entire process for your production lines and finds the solutions that best fit your needs. Not simply a machine supplier, but a company on a

human scale that stays alongside its customers from the first discussions through to production, including after-sales service.

Hall E1, Stand A41
www.cabeltec.com

CONDAT: Strengthens Sustainable Lubrication Leadership at wire China 2026



At wire China 2026, CONDAT will showcase its latest lubrication solutions for the wire and cable industry, combining international expertise with a strong local presence. Supported by its modern production facility in Qingdao, CONDAT provides Chinese manufacturers with high-performance solutions, local technical support and reliable supply.

Sustainable lubricants. Real savings.

At wire China 2026, CONDAT will highlight how its lubrication solutions help wire manufacturers achieve real and measurable savings. Indeed, the CONDAT team is willing to support customers in improving performance while reducing consumption, waste, energy use and operational complexity.

Its approach to sustainable lubrication goes beyond product formulation. It focuses on delivering tangible benefits throughout the production process:

- LOWER consumption → lower dosage, optimised use, extended lifetime
- LOWER die wear → high lubricating power, longer tool life
- LOWER waste and residues → cleaner processes, easier cleaning
- LOWER carbon footprint → better for the environment, use of renewable raw materials, etc.
- LOWER energy consumption → high lubricating performance with lower friction

This commitment is reflected in a broad range of eco-designed and borax-free solutions developed to combine technical performance with

greater protection for operators and the environment.

In addition, CONDAT Group's CSR performance has been recognised with the EcoVadis Platinum Medal since 2021, renewed in 2026, placing the company among the Top 1% of companies assessed worldwide.

One lubricants partner. Real savings.

CONDAT works closely with wire drawing plants to deliver tailored lubrication solutions that optimise processes, reduce total drawing costs, minimise dust and improve overall performance.

As a true multi-specialist, CONDAT offers a complete and consistent lubrication portfolio covering the entire wire drawing process and beyond:

- For wire mechanical operations → internationally recognised soaps and surface treatments, such as the famous SUMAC, VICAFIL and STEELSKIN ranges
- For electrical and immersed wire drawing and patenting operations → soluble and neat oil lubricants
- For maintenance and workshop needs → greases (for capstans, cassettes and bearings), hydraulic fluids, gearbox and gear oils
- For protection → corrosion protective solutions
- For tube and bars → fluids for cold and hot processes, bending gels, graphite lubricants, etc.
- For cold heading → dual-purpose vegetable-based oil to eliminate incompatibility between the process and the machine fluids
- For heat treatment → safer, cost-efficient Group III and polymer quenching fluids

Working with a single lubrication partner ensures greater responsiveness, simplified supplier

management and reduced coordination time: LOWER interfaces, LOWER complexity, LOWER administration, LOWER handling, LOWER lead time, LOWER downtime.

Global expertise, local industrial strength

With more than 170 years of expertise in lubrication technology, CONDAT has established itself as a leading international partner for the wire drawing industry. In China, CONDAT's modern production facility in Qingdao, Shandong province, is equipped with advanced manufacturing technologies to supply the Chinese market with consistent and high-quality lubricants.

This local industrial presence improves responsiveness, strengthens supply reliability and enables closer technical support for customers. CONDAT offers strong local capabilities, especially for sodium soaps dedicated to tyre reinforcement applications, welding and PC wire and cable and ropes.

This combination of international know-how and local manufacturing enables the company to address the evolving needs of Chinese wire and cable producers.

Visitors will also discover CONDAT's latest solutions for welding wire drawing, including VICAFIL SL 530 and VICAFIL SL 2200, high-performance true solutions and emulsions for copper-plated wire. Also featured will be ST 826, a new fast drawing soap dedicated to PC wire mechanically descaled.

Hall E1, Stand E15

www.condat-lubricants.com

DOMEKS to Introduce Its Cable Packaging and Compound Production Technologies at wire China 2026

DOMEKS will participate in wire China 2026 for the first time, marking an important step in strengthening its presence in the region and establishing new connections with cable manufacturers, compound producers and industry professionals.

Since 2002, DOMEKS has been developing automated cable packaging and compound production solutions for manufacturers with different production requirements. At wire China, the company will introduce its engineering capabilities, patented technologies and customised production solutions to visitors looking to improve automation, flexibility, efficiency and process reliability.

Within cable packaging, DOMEKS develops automated solutions for winding cables into coil or spool form. According to the required final packaging format, these systems can be combined with additional processes such as carton box packing, shrink wrapping and

palletising, creating an integrated end-of-line solution.

At wire China, the DOMEKS team will provide visitors with detailed information about its cable packaging solutions, including Triple Quadromatik and Reelmatik 1000. Triple Quadromatik features a unique three-head design that supports both coil and spool winding, minimises downtime and reaches production speeds of up to five spools per minute. Reelmatik 1000 is a fully automatic winding solution for single-core, multi-core and flat cables, supporting spool diameters from 380mm to 1,000mm and winding speeds of up to 450m/min.

The DOMEKS team will also present its compound production portfolio for HFFR, PVC and PE applications. Visitors will be able to discuss the NOVUS, GRANULATOR and DCOMP Series, as well as automatic dosing systems for precise weighing, recipe management, traceability and production control.

Rather than focusing on a single standard machine, DOMEKS develops each project by evaluating the customer's production process,

material requirements, capacity expectations and final product specifications. This application-oriented approach allows the company to provide complete and customised solutions.

With more than 500 machines operating in over 40 countries, DOMEKS supports its customers with technical service, spare parts availability and long-term engineering assistance.

DOMEXS looks forward to welcoming visitors at wire China 2026 to introduce its technologies, discuss specific production requirements and explore new cooperation opportunities.

Hall E1, Stand B32
www.domeksmakine.com



Rautomead to Highlight Advanced Casting Solutions for High-Performance Conductor Materials at wire China 2026

As global demand for high-performance conductor materials accelerates, manufacturers face increasing pressure to deliver cleaner metallurgy, tighter tolerances and reliable production at scale, few companies have shaped this landscape more than Rautomead.

Rautomead's graphite furnace technology remains the benchmark for ultra low oxygen copper and conductor alloys, offering producers the flexibility to cast CuOF, CuMg, CuSn, CuAg and CuP on a single platform. For more specialised applications, its patented RSL

sealed lid system enables precise alloying of materials such as copper chrome zirconium, supporting the manufacture of welding tips and fine drawn wire where exact composition and consistency are critical.

The company continues to drive innovation in sectors where reliability and performance cannot be compromised. In high-speed rail, Rautomead's RS 3000S has become the trusted workhorse for CuMg conductor rod, meeting the stringent quality requirements of modern overhead line infrastructure worldwide. And with the launch of the IC 400, Rautomead is extending its metallurgical capabilities into cobalt, nickel and iron alloys for

advanced applications demanding exceptional strength and stability.

Beyond technology, Rautomead emphasises long-term partnership: from training and servicing to rapid global spares, toll casting, control system upgrades and bespoke scrap feeding solutions.

Visitors to wire China 2026 will find not just machinery, but a commitment to precision, innovation and dependable support across every stage of the casting process.

Hall E1, Stand C52
www.rautomead.com

FIB BELGIUM: Sustainable Wire Production in Galvanising



Watch here

The wire industry is changing rapidly. Rising energy costs, stricter environmental regulations and increasing demand for low-carbon steel wires and galvanising wires are reshaping investment decisions across the world.



For almost 90 years, FIB BELGIUM has helped wire producers improve productivity and process efficiency. Today, the company's focus also extends to supporting manufacturers in their transition towards more sustainable production.

NEOGALVA: A new generation of annealing and galvanising

NEOGALVA is FIB BELGIUM's fully electric, acid-free annealing and galvanising line, which can also operate as a galvanising-only solution.

By combining high-frequency induction heating with an electrically heated zinc bath and a reactive hydrogen and nitrogen atmosphere, the process eliminates the need for combustion gas, hydrochloric acid and flux, while maintaining the productivity required for modern wire production.

With operating speeds of up to 220m/min, NEOGALVA offers manufacturers a cleaner process, zero direct local CO₂ emissions and improved energy efficiency without compromising production capacity.

Proven through industrial demonstrations

At FIB BELGIUM, innovation goes beyond engineering design.

The full-scale industrial-speed in-house NEOGALVA installation is regularly used by customers to evaluate different wire diameters and steel grades under real operating conditions. These continuous trials allow FIB BELGIUM to optimise the process, confirm coating quality and expand the technology's application range.

Demonstrations on diameters of Ø1.0mm, Ø1.5mm and 2.5mm, using both low-carbon and high-carbon

wire for ACSR applications, showed stable operation and reliable process consistency.

Alongside NEOGALVA, FIB BELGIUM also offers hybrid heating solutions for galvanising baths, combining gas-fired and electric technologies to provide manufacturers with greater flexibility in response to changing energy costs and production requirements.

Meet FIB BELGIUM at wire China

FIB BELGIUM will be exhibiting at wire China, where visitors will have the opportunity to learn more about the company's latest developments in sustainable wire processing technology, including NEOGALVA, as well as its wider range of solutions for wire manufacturers.

Hall E1, Stand A18

www.fib-group.com

Metalube Highlights Innovation and Supply Chain Resilience at wire China

Metalube Ltd will showcase its latest lubricant technologies and supply chain innovations at wire China in September as part of its IWMA sponsorship package, which includes two technical speaker slots at the event.

The company's presentations will address key industry challenges. The first, 'Innovation for Future Cable Demand and High-Performance Applications', will highlight Metalube's latest advancements in high-performance wire drawing lubricants and its ongoing commitment to supporting next-generation cable requirements. The second, 'Resilient

Global Supply Chains and Cost Pressures', will introduce the new Lubricool 600 Series – copper wire drawing lubricants formulated with reprocessed naphthenic base oils that are more readily available in the current market. This approach supports continuity of supply while maintaining the high-performance standards expected by customers.

Metalube has also upgraded its exhibition presence, with a 16m² stand located at Hall E1, Stand F63, strategically positioned closer to key industry partners. The enhanced space will provide an opportunity for visitors to engage with the team and explore the company's latest developments in more detail.



Attending representatives include Rachael Bywater, Gavin Gu and Meng Yijun, who will be available throughout the event to discuss industry trends and customer requirements.

Metalube's Head of Sales, Rachael Bywater, comments: ***"wire China is a key opportunity for us to connect with customers and showcase how we are innovating to meet both performance demands and the ongoing challenges within global supply chains."***

Hall E1, Stand F63

www.metalube.co.uk

FUHR Precision Solutions for Rectangular Copper Wire



The ongoing electrification of mobility, energy systems and industrial applications is driving global demand for precisely manufactured rectangular copper wire. Producers require consistently tight dimensional tolerances, reliable surface quality and stable production processes, combined with the flexibility to respond to changing product specifications and market requirements.

At wire China 2026, FUHR Rolling Mills will present its expertise in cold rolling and profiling solutions for flat and profile wire. For 80 years, the German family-owned company has developed machinery and complete production concepts for demanding wire applications.

Rectangular copper wire places particular demands on the entire manufacturing process. Width, thickness, edge radii and surface condition must remain consistent throughout production. At the same time, the material must be handled carefully in order to minimise surface damage and ensure reliable downstream processing.

FUHR develops application-specific production concepts based on the required final geometry, material properties, production volume and the customer's individual manufacturing environment. Its expertise covers the entire process chain, including wire preparation, forming, tension control, inline measurement, process monitoring and precision winding.

All components must work together as one stable and controlled

production system. Reliable process data and continuous monitoring help manufacturers maintain reproducible product quality, identify deviations at an early stage and reduce unnecessary scrap and downtime.

FUHR stands for 80 years of dependable quality made in Germany, high-precision engineering and robust machinery designed for long-term industrial use. However, the company's responsibility does not end with the commissioning of a new line. Technical support, spare parts, maintenance and process-related assistance remain available throughout the entire service life of the equipment. Many FUHR machines have been operating successfully for decades, supported by a service organisation that understands both the machinery and the underlying rolling process.

Modernisation is therefore also an important part of FUHR's portfolio. A retrofit can be an economically attractive alternative to investing in a completely new production line. Existing equipment can be upgraded with modern drive technology, control systems, automation, measurement solutions and safety components. This can improve availability, process stability and energy efficiency while extending the useful life of valuable mechanical equipment.

In addition to copper, FUHR machinery is used to process steel, aluminium, special alloys and precious metals into flat, rectangular and complex profile wire. Whether for a new production line or the modernisation of an existing installation, FUHR combines precision, process expertise and long-term service.

Visitors to wire China are invited to meet the FUHR team and discuss their specific production requirements.

Hall E1, Stand F42
www.fuhr-wire.com

TROESTER Group Exhibits at wire China 2026



TROESTER GmbH & Co. KG is a worldwide manufacturer of complete extrusion systems for the cable industry, comprising CV lines for XLPE and rubber cables, sheathing and insulation lines, as well as a complete range of downstream equipment, including winders, caterpillars, capstans and accumulators.

In China, TROESTER is represented by its subsidiary TROESTER Machinery Shanghai (TMS), which is responsible for sales, after-sales service and production for the domestic market.

At wire China 2026, TROESTER will present information and new developments in the field of CCV and VCV lines for MV, HV and EHV cables up to 1,000kV, rubber CV and CCV lines for cables up to 35kV, as well as production equipment for submarine cables.

X-Compound, a member of the TROESTER Group, specialises in complete systems for the compounding of plastics, covering the process steps of conveying, melting, dispersing, mixing and degassing. At wire China 2026, X-Compound will present its kneader technology for the continuous compounding of HFFR (LSOH), PVC, XLPE, semiconductive materials and EPR/EPDM.

The TROESTER Group looks forward to welcoming visitors at wire China 2026 to discuss their requirements and share insights into new developments in CV technology and market trends.

Hall E1, Stand F43
www.troester.de

AT THE HEART OF THE WORLD'S CONNECTIONS

AUTOMOTIVE / DATA / LAN / HYBRID / ROBOT / SPECIAL / IIOT / OVERHEAD / SUBMARINE / MILLIKEN / POWER



At SETIC & POURTIER, we design the machines that manufacture the essential cables connecting what truly matters.

Thanks to our technologies, our customers produce wires and cables that are more efficient, smarter, and more resilient. Whether it's transmitting the energy that powers our lives, the data that brings us closer together, or the information that drives the world forward, we help our customers tackle today's industrial and technological challenges and build the solutions of tomorrow.

setic-pourtier.com

wire September 21-24, 2026
Shanghai, CHINA
Booth E1D15
French Pavillon

wire November 1-4, 2026
Orlando, Florida, USA
Booth 236

wire December 30-2, 2026
Mumbai, INDIA
French Pavillon



SETIC & POURTIER
WIRE & CABLE SOLUTIONS

Koenig & Bauer Coding: Precision That Connects: Marking in the Cable Industry

In modern production environments, complete product traceability is more important than ever. Especially in the cable industry, where products must withstand high stresses, permanent and reliable marking makes all the difference. It ensures compliance with industry standards and provides end users with crucial product information at all times.

That is why Koenig & Bauer Coding's alphaJET series of smart, state-of-the-art, contactless continuous-inkjet (CIJ) printers are trusted by leading cable manufacturers. As a renowned provider of labelling technologies, the company is an integral part of the industry.

Efficiency meets reliability: the heart of modern marking and coding

Modern, high-performance marking systems are real performance enhancers. They mark materials quickly, precisely and without slowing down the production flow. CIJ printers are designed for speeds of

over 1,000 metres per minute and deliver sharp print results even under extreme production conditions.

An essential aspect of efficiency is the easy and seamless integration into existing extrusion lines. Downtime is minimised and the entire manufacturing process is optimised. Specially developed fast-drying inks ensure that the marking is immediately dry and abrasion-resistant after printing, without smearing or transferring.

The minimal solvent consumption of Koenig & Bauer Coding's CIJ printers is a key factor in both cost efficiency and environmental performance. This not only reduces operating costs but also improves the ecological footprint, combining cost-effectiveness with environmental awareness.

Inks for extreme conditions

Choosing the right ink is essential for long-lasting, reliable markings. In the cable industry, inks must withstand extreme conditions, remaining clear and durable despite heat, oil, abrasion, UV radiation and other environmental influences.

Special inks offer tailor-made solutions:

- Fast-drying inks are ideal for high-speed applications.
- Pigmented inks ensure high contrast on dark surfaces such as PVC, PE, XLPE and Teflon.
- In the company's own ink laboratory, Koenig & Bauer Coding develops tailor-made solutions for sophisticated, customer-specific products and new applications.

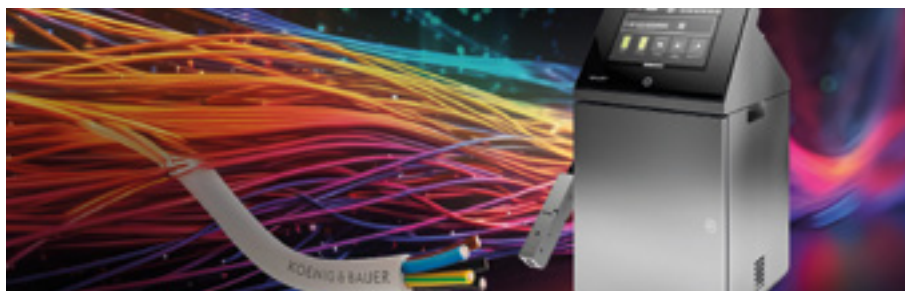
Tailor-made solutions and comprehensive support

Everything from a single source: from customised consultation to implementation and maintenance, Koenig & Bauer Coding is a partner for coding systems. Manufacturers benefit from the company's expertise to precisely tailor systems to their production goals and processes.

This includes individual printer configuration, smooth line integration with minimal interruptions and a well-designed training concept. Worldwide responsive support ensures maximum availability and the smooth running of production processes.

Koenig & Bauer Coding combines innovative technology, customised inks and comprehensive service to ensure the highest industry standards. In addition to CIJ, the portfolio also includes laser and hot stamping marking technologies, which are successfully used in the cable and extrusion industries worldwide.

Hall E1, Stand E31
coding.koenig-bauer.com/en



Microdia to Showcase Swiss Precision at wire China 2026

Microdia will return to wire China 2026 this September, showcasing its range of precision crossheads and extrusion solutions at Hall E1, Stand B05.

Founded in 1979 and headquartered in Yverdon-les-Bains, Switzerland, Microdia specialises in crosshead technology for wire and cable extrusion, with solutions designed to support efficient production, fast

tool changes and flexible processing across automotive, electronics and specialist industrial applications.

At the exhibition, visitors will be able to explore Microdia's latest solutions, including its Mflex fixed-centre crossheads, Skin-Foam-Skin and stripe crossheads, quick colour-change systems and patented Dual-Flow technology for demanding materials such as PA, PET, PEEK and PEKK.

The company will also highlight its heating and thermal management technologies, alongside its wider range of crossheads for conventional compounds and fluoropolymers.

Visit Microdia at Hall E1, Stand B05 from 21 to 24 September 2026 at the Shanghai New International Expo Centre (SNIEC).

Hall E1, Stand B05
www.microdia.com

Maillefer Showcases Technology Leadership, Partnership and Sustainable Innovation at Stand E1C11

At this year's exhibition, Maillefer welcomes visitors to Hall E1, Stand C11, to discover how decades of expertise, continuous innovation and strong customer partnerships are shaping the future of wire and cable manufacturing.

Built around the theme 'House of Experts', Maillefer's presence highlights the company's role as a trusted technology leader, delivering advanced manufacturing solutions that help producers improve productivity, quality and sustainability across the cable industry.

Experience technology in action

Visitors will have the opportunity to explore the equipment on display, featuring Siccon and the THC 70/150 HE. Virtual displays will include a 3D interactive monitor, which gives visitors insight into VCV line operations. The displays provide a first-hand look at how intelligent process control and user-centric design contribute to efficient, reliable and high-quality cable production.

Featured innovations

The booth will showcase several key technologies and solutions, including:

- Intelligent Induction – advanced heating technology supporting precise and efficient cable production.
- Automatic Crosshead Centering (ACC) – enabling faster set-up, improved concentricity and enhanced production consistency.
- PP Multipurpose Line – a versatile solution designed for polypropylene-based medium-voltage cables, supporting next-generation cable insulation materials.
- Round Premium – enabling high-speed curing performance while

maintaining exceptional product quality.

- EHV VCV Line – advanced vertical continuous vulcanisation technology for the production of extra-high-voltage power cables.

Celebrating partnership and aftermarket excellence

Partnership remains at the heart of Maillefer's approach. Beyond delivering world-class production technology, the company supports customers throughout the entire lifecycle of their investments through comprehensive aftermarket services, upgrades, process optimisation and technical expertise.

This commitment helps manufacturers maximise uptime, improve operational performance and adapt to evolving market demands.

Driving sustainable growth

As the global energy transition accelerates, Maillefer continues to develop solutions that support renewable energy infrastructure and more sustainable cable manufacturing. Visitors can learn how the company's technologies contribute to increased efficiency, reduced waste and reliable production of cables essential for modern power networks.

Celebrating 40 years in China

A dedicated exhibition wall will commemorate Maillefer's 40-year journey in China, highlighting the company's long-standing commitment to the market and the partnerships that have contributed to its growth and success over four decades.

Meet the team

Whether discussing new production investments, process optimisation, sustainability goals or aftermarket support, visitors will find our experts ready to share insights and explore opportunities for future collaboration.

Visit Maillefer at Hall E1, Stand C11 and discover how technology leadership, partnership and innovation continue to power the future of the cable industry.

Hall E1, Stand C11

www.maillefer.net



MFL Group: Integrated Technologies Supporting the Future of Wire, Cable and Rope Manufacturing

Founded in 1897, MFL Group has grown into a globally recognised family-owned company specialising in industrial machinery for wire, cable and rope manufacturers.



At wire China 2026 (Hall E1, Stand A31), MFL Group will showcase its integrated solutions for drawing, stranding, extrusion and treatment, supported by digital services and comprehensive aftersales support.

H. Folke Sandelin AB: Leading the Way in Top-Quality Lead Extrusion Equipment Since 1958

H. Folke Sandelin AB (HFSAB), the global market leader in continuously operating lead extruders as well as cable stripping and repair machines, will be exhibiting at the NIEHOFF stand – Hall E1, Stand D51 – during wire China in Shanghai.

MFL Group will highlight its expertise as a partner for the production of high-voltage (HV) and extra-high voltage (EHV) power cables, supporting both onshore and offshore applications.

The company's solutions include high-performance rod breakdown machines engineered for high productivity, excellent wire quality and reduced energy consumption. These can be integrated with annealers capable of processing wire diameters above 8mm and keystone conductors up to 50mm², achieving outputs of up to 6,800kg/h.

MFL Group also offers rigid cage stranders for up to 169 wires and 630/800mm bobbins, designed for large power cable applications. These machines provide mechanical stability, precise conductor positioning for optimal electrical performance, the capability to process large cross-sections and flexible reel-loading configurations ranging from fully automated systems to compact, space-saving solutions. Dedicated rigid cage screening lines, including optical fibre application capability, are also available.

The company's advanced extrusion technology further enhances cable production through throughput increases of up to 40%, rapid compound changeovers without barrel disassembly and consistent processing of high-quality, CPR-compliant and halogen-free compounds. A patented extruder design, accurate melt temperature control and stable processing



conditions help ensure long-term reliability and high production efficiency.

Supporting wire and rope production

Within the wire and rope sector, MFL Group will present advanced drawing, stranding and closing technologies for both standard and specialised applications, alongside its portfolio for reinforcement steel production, including stretching, cold rolling, straightening and cutting lines.

Featured solutions include planetary stranding and closing machines for the high-efficiency production of a wide range of steel ropes, ensuring high product quality. The design of these production lines offers extensive customisation options to meet a variety of product requirements for both standard and specialised applications.

Planetary stranding machines are also widely used in other growing fields, including the armouring of power cables, the laying-up of large power cables and the production of

Milliken cables. In the cable industry, large planetary closing machines are also used for manufacturing umbilical cables and other specialised products.

MFL Group will also highlight its expertise in specialised drawing applications. Its drawing line for extruded aluminium pipes processes multiple tube sizes and alloys while incorporating an innovative inline induction annealing system, combining thermal treatment and production within a single process.

To meet the growing demand for specialised products, MFL Group provides a dedicated drawing line for aluminium-clad steel wire. The system features accumulation solutions to minimise downtime, integrated quality control before take-up, specialised die technology, optimised lubricant management and complete monitoring of drawing parameters to ensure consistent product quality.

Hall E1, Stand A31

www.mflgroup.com



Decades of consistent development, combined with our team's expertise, service and customer care as a core competency and close partnerships with customers, have driven our success. These principles have been fundamental in the past and will continue to be so in the future.

Learn about the latest design of our horizontal lead extruder LEH. It prioritises ease of use, energy efficiency and cost savings. One of its standout features is the semi-automatic centring device, which simplifies the die adjustment process. This feature reduces set-up times and operator errors while enabling more precise adjustments, resulting in material savings. The centring device is available as an

option for new machines of all die block sizes and can also be retrofitted to existing horizontal and vertical extruders.

Meeting the requirements of our customers' production demands, a range of high-quality and energy-efficient melting pots are available for 10, 18 and 35 tonne capacities. Lead pumping lines complete the portfolio and allow our customers flexible system installations.

Also available from HFSAB are cable stripping machines, the CRRS and Model SM-H, thus supporting our customers in achieving their sustainability objectives. Both machines are designed to remove individual layers without causing

any damage to the layer below. This enables the outer jacket, lead sheath or triple layer XLPE to be reapplied and the cable repaired.

HFSAB, based in Motala, Sweden, is an independent company within the NIEHOFF Group and is your reliable partner for meeting tomorrow's global requirements today.

Join us at wire China 2026 from 21 to 24 September at the Shanghai New International Expo Centre.

Hall E1, Stand D51

www.hfsab.com



CTC | EV STATORS | CIRCLIPS | CARD CLOTHING | SUPERCONDUCTORS | SCREENS | LINEAR GUIDES



www.fuhr-wire.com

Medek & Schörner Highlights Innovative Cable Marking and Optical Fibre Technologies at wire China 2026

Medek & Schörner is pleased to announce its participation in wire China 2026. Founded in 1929, Medek & Schörner is a leading supplier of cable marking machines and optical fibre processing lines, serving customers worldwide with innovative and reliable technologies.

Driven by the evolving requirements of the wire, cable and optical fibre industries, the company consistently develops advanced solutions that enable new product designs and improve production efficiency, product quality and process reliability. Among the latest innovations are:

- Cutting-edge intermittent ribbon production technology
- Optical fibre colouring and curing stations using energy-efficient LED irradiation units
- Innovative optical fibre ring marking technology
- Optional memory functionality for the FMS 5 hot foil sequential metre marker, enabling smarter operation and increased process reliability

Combining decades of industry experience with extensive in-house engineering expertise, Medek & Schörner delivers high-performance machines designed for demanding production environments. The company's highly skilled workforce works closely with customers to develop tailored solutions that help transform specific requirements into practical and efficient manufacturing processes.

Medek & Schörner offers a comprehensive portfolio of cable marking machines and optical fibre processing lines, including:

- Optical fibre colour coating systems, including ring marking, tight buffering and proof testing
- Production lines for optical fibre ribbons, micromodule cables/compact fibre units (CFU) and intermittent ribbons
- Cable marking machines:
 - High-quality gravure printers
 - Offset markers for irregular cable surfaces
 - Embossing and hot foil sequential length markers

- High-speed embossing printers for indented or raised marking
- High-performance ring markers
- Laser marking systems
- Camera supervision systems for monitoring the printing quality of high-speed printing machines
- Custom-made cable marking machines and optical fibre processing solutions
- IoT/Industry 4.0-ready machine interfaces

With a strong commitment to innovation, quality and customer-focused engineering, Medek & Schörner continues to set industry benchmarks in cable marking and optical fibre processing technology.

Visit Medek & Schörner at wire China 2026, Stand E1C21 and discover how our advanced technologies can help optimise production processes and support future manufacturing requirements.

Hall E1, Stand C21
www.medek.at

Rosendahl Nextrom: Where Machines, Processes and People Connect



At wire China 2026, technology provider Rosendahl Nextrom will showcase intelligent, automated solutions designed to address real-world challenges and boost productivity.

Whether producing automotive datacom cables for the next generation of connected vehicles, manufacturing power cables with advanced insulation materials or expanding optical fibre capacity for growing bandwidth demands, Rosendahl Nextrom delivers technologies that help manufacturers stay ahead.

Visit Hall E1, Stand B11, to discover innovations for the sectors of mobility, energy and communication.

Mobility

High-performance production for automotive datacom cables

Rosendahl delivers advanced extrusion technology for foamed and solid cable insulation with exceptional dimensional accuracy. Intelligent line control, digital process monitoring and integrated automation reduce material consumption and start-up scrap while ensuring stable, reproducible quality. The result is maximum performance and reliability for next-generation automotive cables.

Extrusion for busbar and hairpin wire

Rectangular conductors are becoming increasingly popular in e-mobility, offering a compact design, efficient use of space and high current-carrying capacity. Rosendahl's extrusion solutions ensure precise insulation of busbars and hairpin wire with high-performance polymers and maximum process stability.

Energy

A new standard in high-speed insulation

Rosendahl introduces its first completely standardised high-speed insulation line. Cost-efficient, material-saving and designed for the most common use cases, it reaches new levels in output and material performance, particularly in LSOH/HFFR processing.

Perfect protection for submarine cables and superconductors

Rosendahl supports the energy transition with its powerful metal tape-forming, welding and corrugation line for the production of long-length metallic shielding layers. The line can process stainless steel, aluminium and copper tapes on the same platform. Its advanced welding technology delivers water- and gas-tight longitudinal seams over continuous lengths of several kilometres.

Communication

What AI needs

As AI technology is now woven into every aspect of our lives, copper and fibre optic solutions from Rosendahl and Nextrom deliver everything needed for modern data centres and networks: speed, reliability and energy efficiency for long- and short-distance connections alike.

High-temperature foaming for Twinax cables

Data transmission rates reaching terabytes per second. Extremely low latency. High temperature resistance. Rosendahl's high-temperature foam lines for Twinax cable insulation help supercomputers think faster and set the international standard for precision and performance in AI data centres.

Complete manufacturing solutions for data centre interconnectivity

From fibre to finished cable, Nextrom provides the complete toolkit for next-generation DCI

infrastructure with manufacturing solutions for rollable ribbons, rollable ribbon 'super bundles' and premises cables for rack-level connections. These technologies enable compact, high-fibre-count designs for efficient, high-capacity data centre networks.

Strong support in China

Rosendahl Nextrom is a strategic partner for producers of cable and wire worldwide. A local team in China and our headquarters work in close collaboration to provide swift and efficient support and service across China. Customers can expect first-class support for the entire lifetime of their machines. To further improve ongoing collaboration, the company has launched a digital customer portal and improved its warehouse infrastructure. Attractive new service packages round off the selection.

Hall E1, Stand B11

www.rosendahlnextrom.com



Visit SAMP at wire China 2026

In September, SAMP will be present at wire China 2026, Hall E1, Stand D01,, reaffirming our long-standing commitment to the wire and cable industry and to the Chinese Asian market.

Since our foundation in 1936, we have been dedicated to designing, manufacturing and maintaining the world's finest wire and cable machinery. What began as a small, locally rooted enterprise has grown into a solid, globally recognised industrial company. By investing in people, know-how and technology, we have consistently anticipated market needs and supported our customers in an evolving industry.

Over the years, SAMP has transformed into a truly international organisation, with production sites in Italy, China and Brazil and a dedicated sales and service unit in the United States. Our presence in China has been a strategic priority for more than two decades and remains a cornerstone of our global strategy.

A stronger SAMP China: investment, localisation and capability expansion
Today, SAMP is entering a new phase of growth in China. We are investing

heavily to extend and expand the capabilities of our Changzhou facility, reinforcing its role as a fully operational manufacturing hub for the Asian region. This includes a strong effort on product localisation, ensuring that our Chinese-made machinery reflects the same engineering excellence, reliability and performance standards that define SAMP worldwide.

SAMP China is increasingly becoming the central hub for the entire Asian region, supporting customers with faster delivery, localised engineering and enhanced service responsiveness. To strengthen our commercial presence, we are expanding our regional footprint with new sales managers based in Bangkok, fully integrated into the SAMP China organisation and dedicated to serving South East Asia.

Technology on display at wire China

At our stand, visitors will have the chance to see one of our solutions: MLS DM80.1X16.22 + AN200M.16.16.3500 designed for copper processing with an inlet diameter of 0.15–0.67mm and a maximum speed of 35m/s.

This machine represents the synthesis of SAMP's engineering heritage and



our continuous drive for innovation, now increasingly developed and manufactured in China.

Open house and customer engagement

As part of this strategic expansion, SAMP China will host an Open House Event with limited numbers available, offering customers the opportunity to experience our technology first-hand and meet our engineering teams.

Celebrating 90 years of excellence

This year marks the 90th anniversary of SAMP, a milestone that reflects our enduring values: innovation, reliability, leadership and performance.

Our mission remains unchanged: to deliver advanced, efficient and future-ready solutions that empower wire and cable manufacturers worldwide.

Hall E1, Stand D01

www.sampgroup.com

AESA at wire China: Advancing Cable Metrology Through Innovation, High-Quality Services and Solid Partnerships

At wire China in Shanghai, AESA Cortaillod will present its latest solutions for the cable and wire industry, where reliable and efficient quality control is of paramount importance.

As a leading Swiss specialist and world reference in cable metrology, AESA develops high-performance systems designed to fully characterise the electrical parameters of cables and wires for communication and energy applications. In a market driven by demanding technical requirements and cost pressure, AESA's testing equipment combines precision, repeatability and productivity.

In the communication space, AESA offers fully automated test equipment (ATE) according to international standards, from low

to high frequencies for all types of data cables. We pride ourselves on serving world leaders in critical interconnect systems.

In the energy space, AESA provides a comprehensive range of linear resistance measuring equipment, covering very small to very large conductor cross-sections for both DC and AC measurements. Used in the laboratory or directly on the production line, these instruments help manufacturers optimise processes, reduce waste and significantly improve production yield.

A key highlight at wire China is AESA's collaboration with iiM, a partnership that strengthens local access to advanced geometrical optical measurement and inspection solutions. In China, AESA sells and services iiM equipment, offering customers local expertise and responsive support. iiM's

VisioCablePro® optical measuring devices deliver high-resolution inspection of cable and tube samples, supported by software for evaluation, archiving and quality management. Together, AESA and iiM provide a broad and unmatched set of metrological solutions combining electrical testing and certification, optical inspection and sample preparation for reliable quality assurance and optimised production processes.

This year also marks an important milestone for AESA in the region. On Thursday 24 September, AESA will officially open its new premises, reinforcing its steadfast commitment to customers and partners in China through closer technical and maintenance services by recognised experts in the field.

Hall E1, Stand G16

www.aesa-cortaillod.com

SKET Continues Development of Stranding Technology for Cable and Wire Rope Production

SKET Verseilmaschinenbau GmbH has a long history in the development and manufacture of stranding machinery for the cable and steel wire rope industries. Based in Magdeburg, Germany, the company has been involved in stranding machine production since the beginning of the 20th century.

Today, SKET designs and manufactures standard and customised stranding machines, as well as complete technological stranding lines, for the production of electric cables and steel wire ropes. The company supports customers with engineering, design, assembly, installation and commissioning services tailored to specific production requirements.

Operating from a 40,000m² site, including more than 10,000m² of production and assembly space, SKET develops and manufactures machine systems for a range of cable and wire rope applications. The company's activities include the production of individual machines, complete

production lines and integrated manufacturing solutions.

SKET's ongoing development of stranding technology is supported by close cooperation with universities and research organisations, helping to advance solutions for changing requirements within cable and wire rope manufacturing.

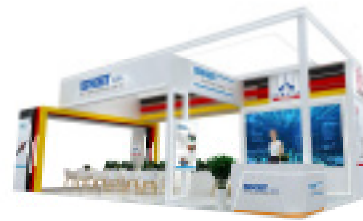
Stranding technology for cable production

SKET manufactures machinery for the production of a wide range of cable types, including telephone cables, communication and control cables, energy cables, special cables, fibre optic cables and OPGW cables.

The company's cable production equipment includes cage type stranding machines with and without backtwist, drum twisting machines, single twist bunching machines, central stranders, high-speed tubular stranding machines, paper insulating and armouring lines and bow type stranding machines.

Solutions for steel wire rope production

Alongside cable technology, SKET develops machinery for steel wire



rope applications, including steel wire strand, steel wire rope, steel cord and prestressed concrete products.

The company's equipment range includes high-speed stranding machines, double twist bunching machines, bow type stranding machines, cage type stranding machines with variable backtwist, spiral wrapping machines, PC strand lines, PC wire lines, tempering lines for profiled wire and combined production lines for profiled wire and railway sleeper wire.

As manufacturers continue to seek greater production efficiency, flexibility and reliability, developments in stranding technology remain an important part of the ongoing evolution of cable and wire rope manufacturing.

Visitors can meet the SKET team at wire China 2026 to learn more about its latest developments in stranding machinery and production solutions.

Hall E1, Stand B41

www.sketvmb.com

HAEHNE: Consistent Wire Quality Starts with Controlled Tension Force

In modern wire manufacturing and processing, precise wire tension measurement determines surface quality, dimensional accuracy, technical properties and equipment availability. HAEHNE wire tension measurement systems enable continuous, low-contact tension measurement directly within the production process, providing reliable, robust and highly precise results.

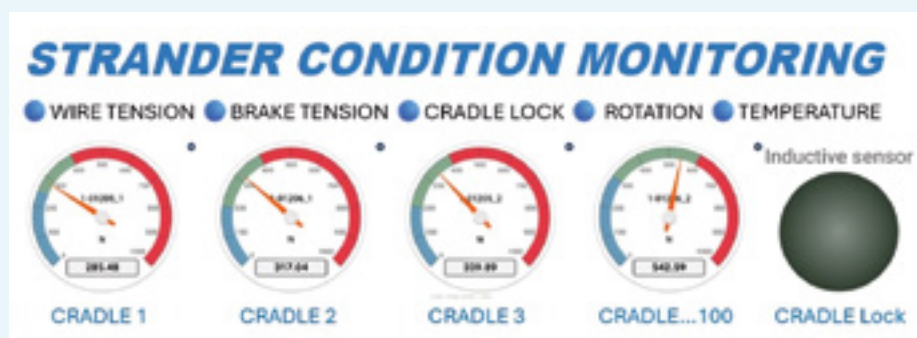
With Strander Condition Monitoring, HAEHNE offers a comprehensive system for condition monitoring in stranding machines. This system

centrally collects all data relevant to machine monitoring from the rotating components and transmits it via radio. The transmitted data is consolidated by the Fusion Center outside the rotating zone, where it can be analysed and monitored via the dashboard.

We look forward to showcasing these and other wire tension measurement solutions at the IWMA joint stand at Hall E1, Stand 68-5.

Hall E1, Stand B68-5

www.haehne.de



ZUMBACH Electronic Explores Advances in Measurement Technology at wire China 2026

ZUMBACH Electronic will return to wire China 2026 in Shanghai, presenting its latest developments in non-contact measurement and control technologies for the wire and cable industry.

As manufacturers continue to focus on improving product quality, process efficiency and resource management, accurate measurement and real-time data monitoring are becoming increasingly important across modern production environments.

For more than 65 years, ZUMBACH has developed inline measuring systems for applications across the wire and cable, rubber and plastics and steel industries. The company's technologies are designed to support manufacturers in monitoring production processes, improving consistency and reducing material waste.

RAYEX® D and RAYEX® S X-ray measuring systems

The RAYEX® range uses X-ray technology to measure key product characteristics, including wall thickness, eccentricity, concentricity, diameter and ovality.

The RAYEX® D system has been developed for use in CV and silane lines, supporting measurement requirements for low, medium and high voltage cables. The system uses stable X-ray sources to provide consistent measurement accuracy during production.

X-ray measurement technology is also available through the RAYEX® S, a static system designed for applications including pressure hoses, medical hoses, composite

pipes and multi-layer products such as medium and high voltage cables.

The RAYEX® S can measure product sizes from 1.5mm to 100mm, with wall thickness measurement from 0.3mm. The system also supports automated process adjustments, including line speed and extruder output control, alongside simplified product recipe management.

UMAC® WALLMASTER ultrasonic measurement technology

Using ultrasonic measurement principles, the UMAC® WALLMASTER provides continuous measurement and process monitoring for wall thickness and concentricity applications.

The UMAC® flat support holder has been developed specifically for Twinax duplex cables and supports both figure-of-eight and flat cable geometries. The system enables real-time data acquisition and process control to help manufacturers maintain consistent product quality.

WALLMASTER technology can measure multiple layers simultaneously and is designed to accommodate a wide range of materials, product shapes and dimensions. The system also supports integration with industrial communication protocols including PROFINET, EtherNet/IP, EtherNet TCP/IP and OPC UA.

CELLMASTER® process monitoring solution

The CELLMASTER® system uses the USYS® processor to display, control and record production parameters including diameter, capacitance, wall thickness, concentricity and eccentricity.

Developed for foam extruded coaxial, telephone and data cable applications, the system provides manufacturers with greater visibility of production conditions and supports quality monitoring throughout the extrusion process.

QC off-line measuring devices

Quality control remains a key consideration for manufacturers looking to maintain product standards throughout production. ZUMBACH's QC off-line measuring stations provide non-contact measurement solutions for wire, cable and tube samples.

Designed for use in laboratories and production environments, these systems enable repeatable measurement of outside diameter and ovality, providing additional data for quality verification and process assessment.

Supporting the future of wire and cable manufacturing

As the wire and cable industry continues to evolve, manufacturers are increasingly looking towards technologies that improve process visibility, reduce waste and support more efficient production methods.

At wire China 2026, visitors will have the opportunity to learn more about ZUMBACH Electronic's measurement and control solutions and explore how measurement technology is supporting developments across a wide range of wire and cable applications.

Hall E1, Stand A07

www.zumbach.com



RCIcast® Advances Continuous Casting Technology for Non-Ferrous Metal Production at wire China

RCIcast® offers next-generation non-ferrous continuous casting technologies for global metal and wire manufacturers.

Developed at the Proton Design Center, approved by the Republic of Türkiye Ministry of Industry and Technology, RCIcast® combines advanced engineering with operational efficiency, sustainability and long-term reliability. The company delivers complete turnkey upward casting production lines designed for efficient, reliable and cost-effective production. Backed by TÜBİTAK R&D support, RCIcast® technologies process both pure copper cathodes and recycled raw materials to produce premium oxygen-free copper rods with an oxygen content $\leq 3\text{ppm}$. Lean engineering principles and the use of standard components reduce dependency on specialised spare parts while ensuring fast part availability, simplified maintenance and low operating costs.

RCIcast® integrates a range of proprietary technologies into its projects that maximise productivity, reliability and equipment uptime. The vibration-free vertical Cathode Loading System minimises mechanical shock during cathode charging, while high-precision vertical linear



guide technology prevents cathode dropping, ensuring safe and stable operation. To further improve process efficiency, the Melting Furnace Feed Door reduces radiative heat loss, increasing thermal efficiency and lowering energy consumption. Operation continuity is supported by a dual molten metal level control system that combines encoder-controlled level control with load cell-based weight sensing. If one control method fails, the system automatically switches to the other, ensuring uninterrupted production.

Designed for maximum operational flexibility, RCIcast® features the Quick Wire Rod Adjustment Unit, reducing wire rod diameter changeover time from two days to approximately 10 minutes and significantly minimising downtime. The Quick Core Changer System enables the core and coil to be replaced without removing the furnace body, greatly reducing maintenance time. To ensure superior

winding quality, the line incorporates independently servo-driven take-up units digitally synchronised through individual PLC controllers. This intelligent control system maintains precise winding synchronisation, consistently delivering high-quality coils throughout the equipment's service life.

RCIcast® also supports environmentally friendly, zero-waste manufacturing aligned with modern sustainability goals. Alongside its copper processing technologies, the company is expanding its continuous casting portfolio with aluminium rod casting systems and specialised brass alloy drawing solutions. By combining advanced engineering, sustainable production principles and customer-oriented innovation, RCIcast® continues to support manufacturers worldwide with reliable, future-ready continuous casting solutions. We invite visitors to meet our engineering team at wire China 2026 and discover how RCIcast® can improve productivity, reduce energy consumption and deliver superior product quality in non-ferrous rod production.

Hall E1, Stand B55
www.rcicast.com



Rauschert Develops Custom Ceramic Components for Wire Drawing Applications

Rauschert supplies ceramic components for wire drawing processes, including drawing cones, rollers, rings and wire guide elements. These components are designed to support demanding production environments, where wear resistance, mechanical strength and consistent performance are important factors in maintaining process reliability.

The company draws on an extensive portfolio of oxide, non-oxide and silicate ceramics, developed through its own material formulations. Components for wire drawing applications are primarily manufactured from magnesia-

stabilised zirconia and high-purity alumina, with materials selected according to specific process requirements.

Recently, Rauschert supplied several sets of drawing cones to Schmidt Maschinenbau GmbH. Working closely with the customer, the project focused on improving tool runout and supporting greater process stability within the drawing operation.

With more than 60 years of experience in advanced ceramics, and production facilities in Heinersdorf, Germany, and Ameal, Portugal, Rauschert combines materials expertise with established European manufacturing capacity.

The company's activities within the wire drawing sector are led by Dieter

Mangold, Head of Sales Engineering Ceramics, who works closely with customers to develop application-specific solutions for their individual wire drawing requirements.

In the United Kingdom, Rauschert is represented by David Robinson and XL Technologies UK. With extensive industry experience and his role as an IWMA board member, David supports international customer projects and provides market insight in collaboration with Rauschert.

Dieter Mangold and David Robinson will attend wire China as visitors and will be available to meet customers and industry partners during the exhibition. Meetings can be arranged in advance through Rauschert.

www.rauschert.com/en/

SETIC & POURTIER at wire China 2026: A Unified Identity to Drive Asia's Cable Industry

SETIC & POURTIER, a global leader in stranding and cabling solutions, is proud to announce its participation in wire China 2026. As the first European cable machinery supplier entering the Chinese market since 1999, the group will exhibit under its new unified brand identity within the French Pavilion (Hall E1, Stand D15) at the Shanghai New International Expo Centre (SNIEC).

A unique signature for a changing world

This edition marks a historic milestone with the presentation of our unified logo under the signature: "Wire and cable solutions powering a changing world." This convergence of industrial expertise allows the group to support its customers through profound digital and energy transformations as a global strategic partner for stranding and cabling solutions.

To meet the demand due to global technological developments in the automotive industry, which include all-electric cars and the associated infrastructure required, SETIC & POURTIER is leading the field with new developments which have improved its already high-quality rotating machines. Enhanced high-speed double twist bunchers, single twist take-up with backtwist payoffs and various complete stranders solutions are perfectly adapted for the production of EV charging, batteries and data cables for this industry.

Thanks to its one-step or two-step solutions (double twist twinners and quadders, group twinners), SETIC & POURTIER perfectly responds to the needs for industrial data cables, IIOT, robot and strong growth in the global LAN market.

The low and medium voltage cable market is poised for significant expansion, driven by increasing energy demand, grid integration, infrastructure development and major construction projects including data centres.

Kelvin Wu, Area Manager, who will be present at the stand to support regional partners, emphasises the



importance of this unified presence and comments: ***"Our wide range of compacted 61 wire copper and aluminium large double twist machines (up to 1,250MCM/630mm² and reel diameters up to 2,600mm) offers decisive advantages, plus 40% increase in productivity, minus 30% reduction in energy consumption compared with traditional methods. These machines can manufacture multiple LV/MV cable sections from a single input wire dimension, making them perfect to boost productivity and reduce operating costs. Meanwhile, we will present machinery for high quality industrial cable with backtwist payoff and single twist machine. It is high technology with high productivity, up to 5 to 6 times faster than traditional methods."***

SETIC & POURTIER also connects its customers to all energy sources. Demand for clean energy, including improved infrastructure, has been on the rise in the past few years, resulting in new market challenges. SETIC & POURTIER has the most advanced solutions to meet these challenges for sustainable clean energy and infrastructure. SETIC & POURTIER propose heavy-duty stranders, cablers, screening, planetary and armouring lines. Its high-efficiency revolutionary multiwire concentric stranding line is also widely used to boost productivity for low and medium energy cables.

SETIC & POURTIER continues to expand its wide range of offerings with higher numbers of wires: up to 169 for rigid stranders together with pulling capstan up to 80 tonnes and XL drum twisters up to 60 tonnes.

All of these machines are designed and manufactured to the highest standards in design and manufacturing to produce all types of high voltage and extra high voltage power cables.

From overhead cable (including ACCC™, ACSS-TW and ACSR-TW) to submarine or land cables, AC type (using high-quality Milliken conductor) or DC type (using large round compacted conductor or profiled 'Keystone' wires).

Technological showcase: the DSD631-4-6M payoff

SETIC & POURTIER will showcase a DSD631-4-6M single backtwist payoff directly at the stand. Specifically dedicated to industrial cable such as control, instrumentation and data cables, this equipment offers exceptional flexibility for sensitive products and high-demand dynamic applications, including EV charging and battery cables.

SETIC 'Made in China': European excellence with local proximity

The group reaffirms its strong commitment to the Chinese market through its structure, Gauder Group Shanghai. This facility manufactures SETIC 'Made in China' machines, designed to the strictest European quality and performance standards while ensuring highly responsive local technical service and support.

Sustainable productivity with C2S and bow technology

The group's 'green' commitment is driven by the innovations of the C2S Customer Services division, which optimises equipment lifespan through sustainable upgrades and Bow Technology, whose patented GreenBow2 closed-bow model enables energy savings of up to 30%.

Meet the SETIC & POURTIER experts at wire China 2026, French Pavilion, Stand E1D15, Shanghai New International Expo Centre (SNIEC).

Hall E1, Stand D15

www.setic-pourtier.com



ABZ: Driving the Evolution of Stranding Technology

ABZ is a state high-tech enterprise with a modern European-style factory spanning more than 20,000m² in Changzhou, Jiangsu, China.

With a professional R&D team comprising senior European experts and skilled engineers with more than 20 years of experience in wire and cable machinery, ABZ focuses on the design and manufacture of drawing, stranding and laying-up machinery.

Its product range includes single and double wire drawing machines and rod breakdown machines for copper, aluminium and aluminium alloys, as well as rigid frame stranding machines, high-speed tubular stranding machines, planetary stranding machines, double twist bunching machines, drum twisters and high-speed bow-type laying-up machines.

A notable development from ABZ is its rigid frame stranding machine controlled by separate motors without air coupling. Developed in China, the technology focuses on four key areas: intelligent operation, high-speed performance, energy efficiency and stability.

ABZ's approach is centred on quality, continuous improvement and precision manufacturing. Its core values of sharing, collaboration and craftsmanship underpin its ambition to develop reliable machinery for a global market.

Today, ABZ products are supplied to customers across China, Europe, North America, Japan, South Korea, Southeast Asia, the Middle East and Africa. Through continued investment in engineering and R&D, the company aims to contribute to the ongoing development of wire and cable manufacturing technology.

Hall E2, Stand A01
www.en.abz-sh.com

NIEHOFF: Future-Oriented Wire and Cable Manufacturing Equipment

Maschinenfabrik NIEHOFF and its Chinese subsidiary NIEHOFF Machinery Changzhou (NMC) Co., Ltd. will present a range of wire and cable manufacturing solutions at wire China 2026, Hall E1, Stand D51.

Five systems will be on display, covering drawing, bunching, stranding and braiding applications:

- MMH 121 + RM 201 multiwire drawing line
- D 402 double twist bunching machine with ARH 630 pay-off
- ARD 630 D backtwist pay-off for data cable stranding lines
- BMV 16 vertical braiding machine with BAS 800 pay-off and take-up
- BMV 16 vertical braiding machine with external AH 800 + WH 800 pay-off and take-up

All machines are manufactured by NMC under NIEHOFF licence for the Chinese market. The MMH drawing lines combine components supplied by NIEHOFF's German headquarters with components manufactured by NMC, with assembly, testing and customer commissioning carried out by NMC.

Efficient multiwire drawing

The MMH 121 + RM 201 multiwire drawing line combines productivity, process stability and efficient energy use. Its cast gearboxes and high-precision helical gears support high productivity and a low wire break rate. The RM 201 resistance annealer uses proven 2/3 zone annealing technology, with optional wire reheating for larger wire sizes. The system produces wires with uniform properties and tight tolerances for further processing into strands and braids.

High-quality stranding

The D 402 double twist bunching machine combines a single-bow design with NIEHOFF's energy-saving Eco-Bow system. Electric lay-length adjustment allows changes without gear replacement, while constant tension control supports consistent spool filling. The NBAT (NIEHOFF Bunching Automatic Traverse) system ensures a consistent winding pattern, enabling fine wire strands to be paid off reliably and tangle-free.

The ARH 630 tangential pay-off can be combined with the D 402 for fine conductors, while the ARD 630 D double twist backtwist pay-off is designed for insulated wire applications ahead of pair stranding machines.

Precise braiding technology

Two BMV 16 vertical lever-arm rotary braiding machines will be displayed, configured for automotive high-frequency coaxial cable production. Both feature 16 bobbin carriers, electronic control of line speed and braiding pitch, and automatic central lubrication.

One system includes an integrated BAS 800 pay-off and take-up unit, while the second uses external AH 800 + WH 800 systems. NIEHOFF braiders can process copper, aluminium and stainless steel wires, as well as artificial yarns and fibres, for applications including cable screening, hollow and stranded braids, medical catheters and textile braids.

Visitors to wire China 2026 can learn more about NIEHOFF's technologies and discuss solutions for future production requirements.

Hall E1, Stand D51
www.niehoff.de



Fig. 1. MMH 121 + RM 201 multiwire drawing line

TEMCO Takes UK Wire-Making Expertise to China With First Wire & Cable Hub Appearance

For TEMCO Wire Products Ltd, wire China 2026 represents more than another international exhibition. It marks the company's first participation in the new IWMA Wire & Cable Hub and an opportunity to introduce its specialist UK manufacturing capability to a wider international audience.

Taking place this September, the inaugural Wire & Cable Hub has been developed by the International Wire and Machinery Association (IWMA) in partnership with Messe Düsseldorf Shanghai, creating a dedicated environment for innovation, knowledge sharing and industry engagement at wire China.

TEMCO will have its own dedicated space within the Hub, where visitors can meet the team and explore its specialist product capabilities.

Based in Cinderford, Gloucestershire, TEMCO has a history stretching back to 1906 and has built its reputation around specialised copper and copper-alloy wire, strand and rope products. Its portfolio includes bare copper, silver, tin and nickel-plated products, alongside specialist alloy solutions for applications where high strength and resistance are critical. The company also offers

nickel plating up to 27%, supported by in-house drawing, stranding and associated manufacturing processes.

This combination of material expertise and manufacturing flexibility enables TEMCO to support technically demanding, medium- and low-volume requirements across sectors including aerospace, space, automotive and e-mobility, transportation, industrial and automation, and healthcare.

One technology visitors can discover more about is TEMCO's 27% nickel-plated copper (27% NPC) capability. Developed for demanding environments where corrosion and temperature resistance are essential, 27% NPC has applications across a range of industries, with particular relevance to aerospace, including screening and emerging weight-reduction technologies for next-generation aircraft and powerplants.

TEMCO's product range includes wire diameters from 1.8mm down to 0.05mm, with options including single and multiwire, stranded conductors, flexible bunches and rope strands. Specialist sizes and constructions can also be considered.

The timing of wire China 2026 is significant for TEMCO as the company continues a period of transformation. Following its move

from the LEONI organisation to becoming an independent UK SME, TEMCO is now focused on developing its own growth strategy while maintaining its specialist products, services and customer support.

The company continues to invest in manufacturing capability, people and engineering skills, with its operation incorporating Kaizen production alongside in-house electroplating, single- and multi-wire drawing, double-twist stranding, tube annealing and rewinding capabilities.

For TEMCO, international engagement is a natural extension of its existing customer base and technical proposition. At wire China, the company will be looking to understand the challenges facing manufacturers and explore how its specialist manufacturing capabilities can support application-specific requirements.

Visit TEMCO at the Wire & Cable Hub to discover more about its specialist copper, copper-alloy and plated-wire capabilities and its plans for the next chapter of a 120-year manufacturing heritage.

Hall E1, Stand B68-2

www.temco-wire.com



2026-28 Exhibition Dates



wire China

21-24
September
2026



wire India

30 November-
2 December
2026



wire Mexico

23-25
February
2027



wire Eurasia

6-9
April
2027



Interwire, Atlanta, USA
4-6 May 2027



wire Middle East Africa

6-8
September
2027



wire Southeast Asia

15-17
September
2027



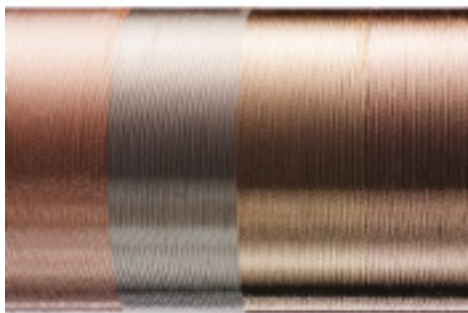
wire Düsseldorf

3-7
April
2028



Temco

Wire Products Limited



Temco Wire Products Limited
Whimsey Industrial Estate
Cinderford
Gloucestershire
GL14 3HZ
England
Tel : +44 (0)1594 820100
Email: Sales@temco-wire.com
For more information visit <https://temco-wire.com>

Material Range

Nickel Plated copper

- Up to 27%

Silver Plated copper

Tin Plated copper

Copper

- Cu-ETP
- Cu-OF
- Cu-OFE

Copper-based Alloys

- CuMg
- CuSn
- CuAg
- CuNi
- CuZn
- High strength Cu alloys

Resistance wires for heating

Speciality alloys on request

MIXED /COMPOSITE
CONDUCTORS

- combining material types for tailor made properties





Get Ready for Another Unforgettable Night at wire India

The IWMA wire India Networking Event has become one of the occasions the industry looks forward to most.

After a busy day on the exhibition floor, it's a chance to get together with colleagues and friends from across the international wire and cable industry and enjoy a fantastic evening of food, music, entertainment and dancing.

This year's celebration is proudly hosted in partnership with Mikrotek Machines, Niehoff of India and Mallefer, bringing the industry together once again for an evening filled with colour, vibrancy, great company and unforgettable entertainment.

If you've joined us before, you'll know what to expect.

Previous events have been full of great food, spectacular entertainment and plenty of dancing. They've brought together people from across the industry for an evening where business takes a back seat and everyone can relax, catch up and enjoy the best of Indian hospitality and culture.

We can't wait to do it all again!

This year, the event will be held at an exciting new venue, with more information to be announced in the coming weeks. Members can look forward to another colourful and lively evening, with the same energy and atmosphere that have made the wire India Networking Event such a popular part of the exhibition.

Save the date: Tuesday 1 December 2026

Great food, great music, great company and, if previous years are anything to go by, plenty of dancing.

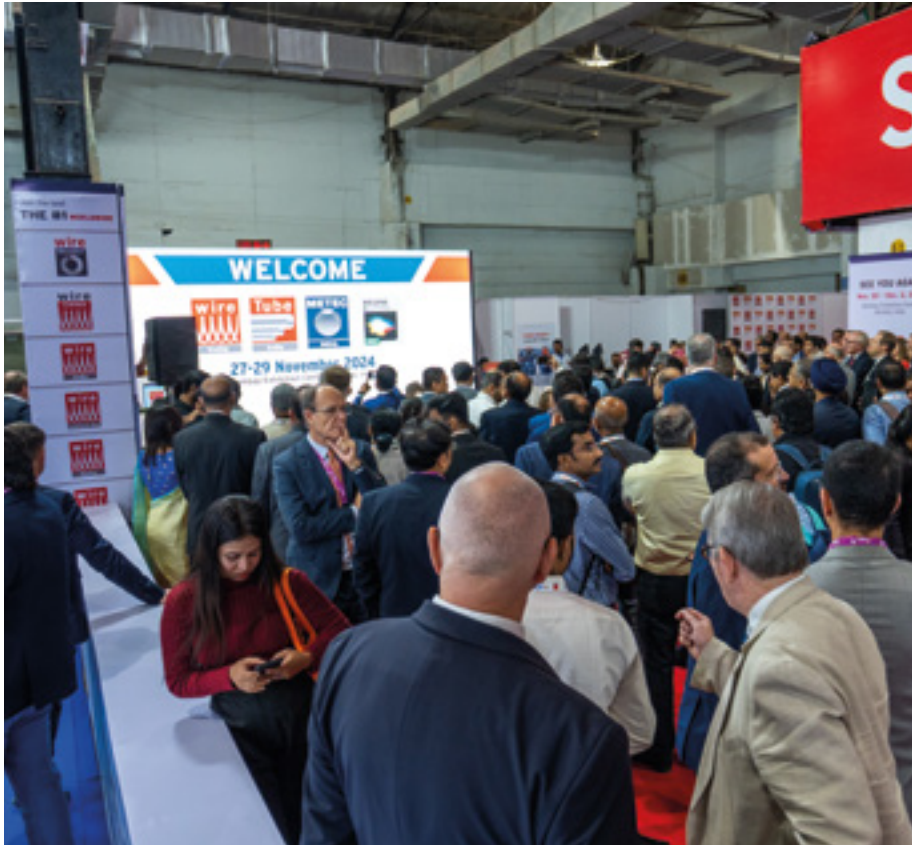
We look forward to seeing you there.

First Look: IWMA Members Heading to Mumbai

With wire India on the horizon, we are delighted to showcase the IWMA member companies currently confirmed to exhibit at the exhibition, highlighting the continued strength, reach and expertise of our international membership.



Correct as of 17 August 2026



A Fully Booked IWMA Pavilion Heads to wire India

IWMA is preparing to return to Mumbai this winter with a fully booked Pavilion, bringing together seven member companies from across the international wire and cable supply chain as part of a coordinated IWMA presence.

Taking place from 30 November to 2 December 2026 at the Bombay Exhibition Centre, wire India will bring the global industry together for three days of business development, technical exchange and new market opportunities.

Visitors will find the IWMA Pavilion in **Hall 6, Stand E40**, where the association will be joined by:

- **RichardsApex, Inc.**
- **Conoptica AS**
- **AFH-Antriebstechnik GmbH**
- **BWE Ltd**
- **Jiangsu Gunye Electrical Co., Ltd.**
- **IDEAL-Werk C. + E. Jungeblodt GmbH + Co. KG**
- **BHAG Digital**

Together, the participating companies represent an international mix of specialist equipment, technologies, products and services supporting wire and cable manufacturing.

Their expertise spans wire drawing lubricants and coatings, precision measurement, specialist haul-off and process belts, continuous extrusion technology, reels and spools, industrial welding systems and digital manufacturing solutions.

The Pavilion will give each participating member company its own branded exhibiting presence while placing it within the wider IWMA Pavilion, helping visitors explore a varied range of industry expertise in one dedicated space.

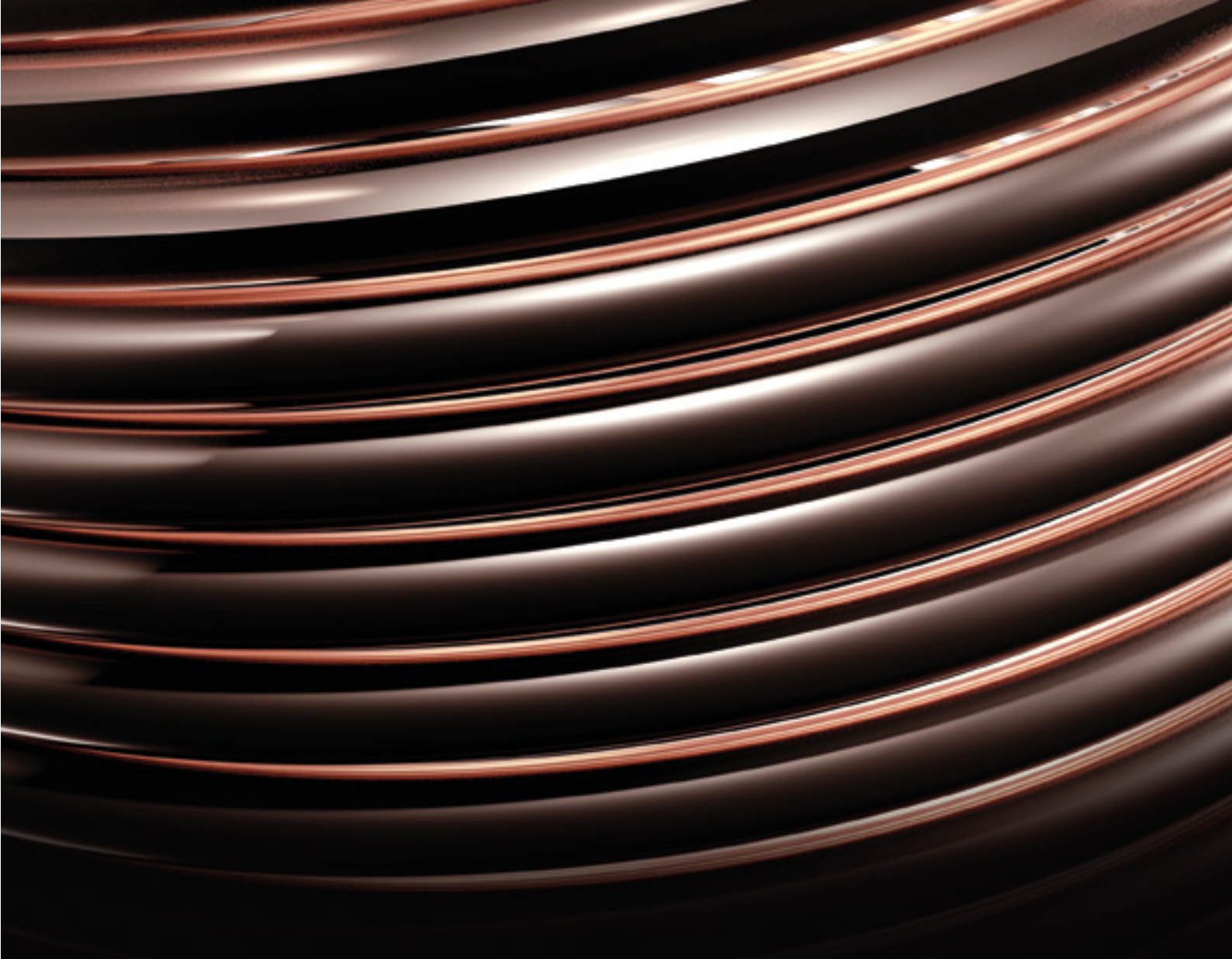
Front and centre of the Pavilion, the IWMA stand will provide a welcoming and practical meeting point throughout the exhibition. Members and guests will be able to meet the IWMA team, enjoy the association's signature hospitality and use the shared space for informal conversations and business discussions.

The team will also be available to provide introductions, practical exhibition support and information about IWMA membership, international events and opportunities to become more involved in the association's global industry community.

A full introduction to the companies exhibiting within the IWMA Pavilion will follow in the November edition of *IWMA Insider*, ahead of the exhibition.

With wire India fast approaching, IWMA looks forward to welcoming members, industry colleagues and visitors from across the international wire and cable sector to Mumbai this November.

Visit the IWMA Pavilion at wire India 2026 in Hall 6, Stand E40, from 30 November to 2 December, or visit iwma.org to find out more.



Continuity in motion

In every loop lies a promise of performance that flows without interruption. At UPCAST our **Continuous Casting Technology** keeps industries moving with precision and consistency, refined through decades of innovation.



UPCAST OY, PORI, FINLAND
www.upcast.com



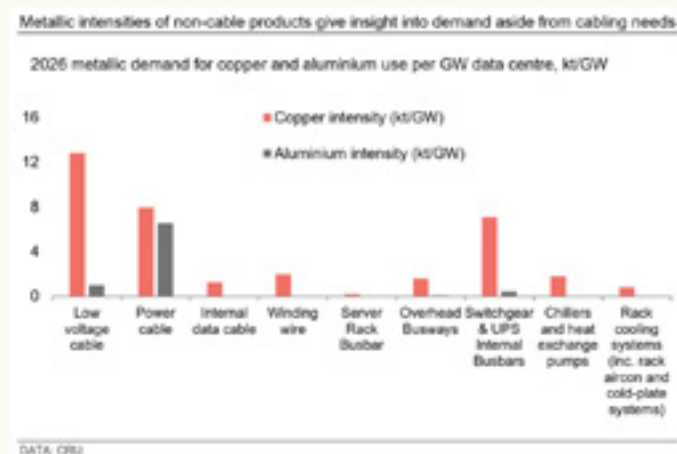
Upward casting
since 1968

CRU Expands Long-Term Data Centre Metallics Forecasting

Author: Egest Balla | Commodity: Wire and Cable

The data centre and AI industries have exhibited significant growth and commercial interest over the past couple of years. CRU's Wire & Cable team has been tracking and modelling this sector and has recently expanded its long-term forecasting to cover metallic wire & cable and non-cable demand. This insight provides a brief breakdown of CRU's expanded coverage and data offerings on the data centre sector, which now includes long-term forecasting for non-cable products used inside data centre facilities and campuses, such as busbars and busway systems, electrical distribution components, and cooling systems.

Non-cable components such as busbars, switchgears and UPS systems require significant amounts of copper. This expanded data accounts for metallic demand outside of traditional cabling connections. Server rack busbars and overhead busways represent the busbar requirements for inside server racks and overhead distribution systems. Switchgear and UPS systems carry a disproportionately large share of non-cable metallic demand, owing to the dense network of internal busbars required to distribute, condition and route power reliably across their internal architectures – a requirement that intensifies as data centres push toward higher power redundancy standards.



Chillers and heat exchange pumps also carry a meaningful metallic footprint driven by copper windings in pump motors, brass and bronze fittings, and aluminium or copper heat exchanger coils, which scale directly with the cooling capacity demanded by increasingly dense compute environments. As power densities per rack continue to rise, so too does the thermal load that these systems must manage,

amplifying their contribution to overall metallic intensity per megawatt of installed IT capacity.

Rack cooling systems, which encompass in-row and in-rack air conditioning units as well as direct liquid cooling via cold-plate technology, represent one of the fastest-growing components of non-cable metallic demand in modern data centre builds. Cold-plate systems in particular are notable for their use of copper manifolds, tubing and plate assemblies that sit in direct thermal contact with processors and accelerators.

As high-performance computing and AI workloads drive rack power densities well beyond the thresholds manageable by conventional air cooling, the adoption of cold-plate and immersion-adjacent architectures is accelerating. This brings structurally higher copper and aluminium intensity per rack unit compared to traditional air-cooled deployments.

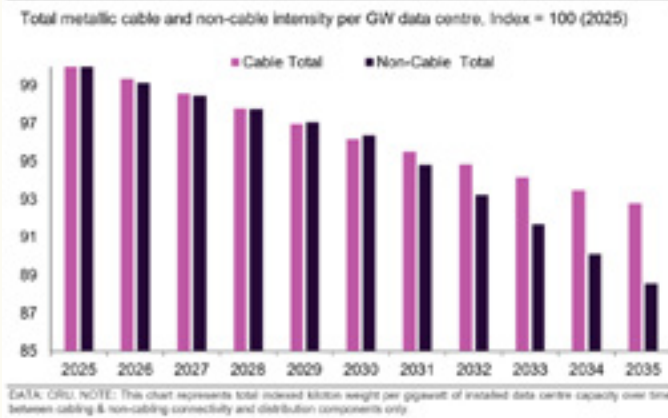
Growing adoption of high-voltage designs to lower metallic intensities in the future

The next generation of AI-optimised server racks is pushing power consumption toward 1MW per rack and beyond, rendering traditional low-voltage power distribution architectures increasingly unfit for purpose. At these power densities, low-voltage systems must carry extremely high currents to deliver the required power, necessitating thicker copper busbars and cables, generating greater heat and energy losses, and consuming physical space that would otherwise be occupied by compute and cooling hardware.

The solution lies in higher-voltage distribution. Shifting from a conventional 415V AC system to 800V DC, for example, reduces the current required to deliver the same power proportionally, cutting conductor sizing requirements significantly in the process. Industry analysis suggests this transition could reduce total copper requirements by around 45% while also delivering meaningful gains in energy efficiency, total cost of ownership and long-term maintenance burden.

Beyond power distribution, next-generation server architectures are also increasingly moving toward optical-based networking interconnects, substituting traditional copper data cables with fibre optic alternatives. As AI workloads demand ever-higher intra-rack and inter-rack bandwidth, the signal integrity and latency advantages of optical connectivity make it a compelling replacement, representing a further structural headwind to copper intensity in the networking layer of future data centre builds.

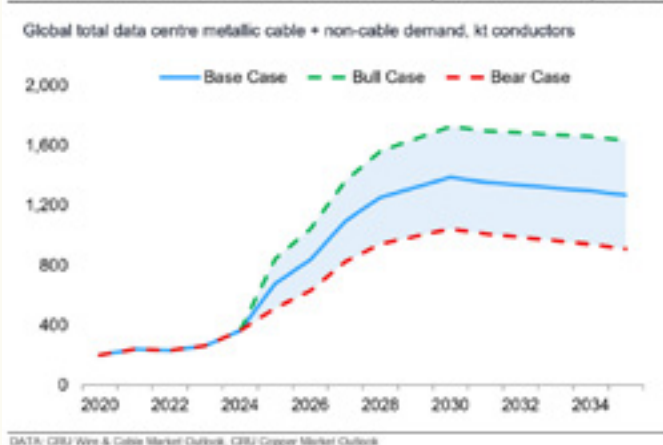
Longer-term intensity per GW installed capacity expected to fall as efficiencies advance



Data centre metals demand growth expected to mature by early 2030s

Looking ahead, as 800V direct current power distribution and optical-based data transmission becomes more widely adopted – particularly in new data centre builds – there will be meaningful long-term gains in material efficiency. There will also be a gradual reduction in the amount of metal required per unit of power delivered and processed across data centre campuses.

Total demand across data centre cable and non-cable components to slow down post-2030



In our updated base case forecast, we expect combined total data centre metallic demand for total copper- and aluminium-based cable and non-cable products to be at ~850-900kt in 2026, representing ~25% year-on-year growth from 2025. In the near-term, we expect this demand to reach upwards of ~1,500kt by 2030, representing a ~11% CAGR over the next several years.

In a bull case scenario, where data centre buildouts exceed base case assumptions and metallic thrifting effects are lower than expected, combined total data centre metallic demand is expected to reach ~1,100kt conductors this year and up to ~1,900kt conductors in 2030.

On the other hand, in a bear case view, where data centre buildouts disappoint and metallic thrifting effects are much higher than anticipated, combined total data centre metallic demand is expected to reach closer to ~700kt conductors and up to ~1,100kt conductors in 2030. For both cases, in a similar fashion to our base case forecast, we expect overall metallic demand from data centres to begin to soften due to maturity of early buildout phases and metal efficiency gains.

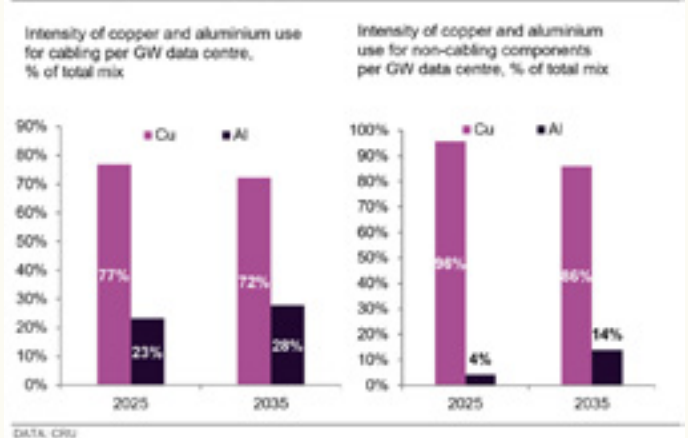
Our forecast accounts for the wide range of possibilities from this market, as uncertainty around the longer-term growth of buildout rests on several factors. These include supply chain constraints on critical equipment (i.e. transformers and switchgears), grid interconnection delays and risks surrounding energy access, private capital investment slowdowns due to rising concerns on paybacks, local political pushback on data centre campus builds and, ultimately, the transition toward widespread customer and enterprise adoption of AI models and systems.

Aluminium as share of total metal demand is expected to increase due to clear cost advantages

Another key trend over the long run within the data centre space is the expected substitution effect of operators utilising aluminium-based solutions increasingly more than copper-based ones. As factors such as cost and lead time advantages start to become more paramount, aluminium is increasingly stepping in as an attractive option for producers.

Expectations are that while aluminium is gaining increasing market share across cabling and other distribution equipment components, copper will likely hold as the larger conductive material in demand terms over the long term.

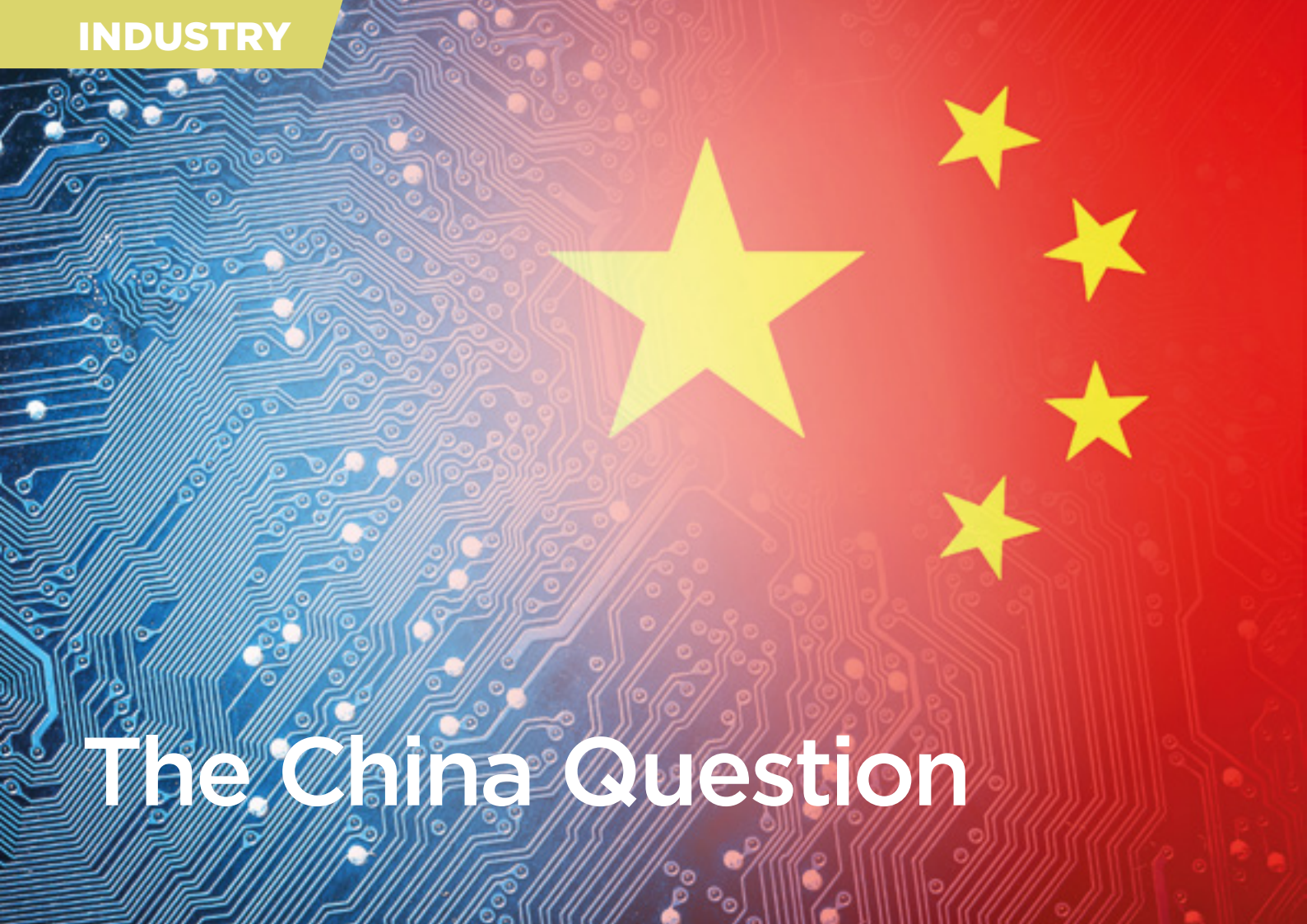
Copper will likely remain as key majority conductive material as aluminium substitution rises



The data centre sector remains one of the most consequential and fast-evolving sources of metallic demand in the global commodities landscape. As CRU continues to expand its coverage of this space, the picture that emerges is one of strong near-term demand growth, underpinned by an accelerating build-out of AI-optimised capacity, which is set against a longer-term backdrop of meaningful structural change.

Higher-voltage power distribution, optical networking and the gradual substitution of copper with aluminium across key product categories will collectively reshape the metallic intensity profile of data centres over the coming decade. The expanded forecasting framework, covering both cable and non-cable products across a range of scenarios, is positioned to help clients understand and anticipate these shifts as they unfold.

For those interested in learning more about our offerings, please reach out to CRU's Wire & Cable team for further inquiries.



The China Question

How did China build such a powerful manufacturing ecosystem, and what can the West learn from it?

There is a question that seems to come up repeatedly when visiting China: how do they do it?

How can two companies have access to broadly similar machinery, similar raw materials and similar technology, yet one can produce at enormous scale, continually develop its products and export around the world, while another struggles to compete? And perhaps more importantly, why does the same phenomenon appear across so many industries?

From electric vehicles and batteries to electronics, machinery, renewable energy and increasingly sophisticated wire and cable products, China has demonstrated an extraordinary ability not only to manufacture at scale, but to build the industrial ecosystems that allow that manufacturing to become increasingly competitive.

For the wire and cable industry, the numbers are difficult to ignore. In 2024, China exported approximately \$31.4 billion of products classified under HS 8544, covering insulated wire, cable, other electric conductors and optical-fibre cables. That made it the world's largest exporter in the category, ahead of Mexico at approximately \$18.0 billion, the European Union at \$15.4 billion and the United States at \$12.6 billion. China's exports under this classification amounted to approximately 3.28 million tonnes.

But perhaps the more interesting question isn't how much China produces. It is why it is able to produce so much, so competitively and, increasingly, at such a high level of technical sophistication. The easy answer is cheap labour. The more we look at China's manufacturing development, however, the less convincing that explanation becomes.

China has spent decades building manufacturing capability, engineering expertise, infrastructure and supply chains. Its advantage increasingly comes from the

interaction between all of these things. A manufacturer isn't simply operating alongside its competitors. It may be surrounded by machinery suppliers, raw material producers, component manufacturers, specialist engineering companies, logistics providers and customers. The machine itself may not be the competitive advantage. Everything around it might be.

Imagine a manufacturer developing a new product. It needs a new component, and its supplier is nearby. The supplier needs a particular tool, and there is a company nearby that can manufacture it. The production line needs modifying, and engineers with experience of similar processes are readily available. A customer wants the product at a higher volume, and there is already a domestic market large enough to support the investment required to scale. The distance between an idea and a finished product becomes shorter, and when that happens repeatedly across thousands of companies and millions of products, an ecosystem begins to develop its own momentum.

It isn't just about making things cheaply

A visit to Chinese carbon wire producers in 2008 offers an interesting perspective on just how far the country's manufacturing industry has come. At the time, the factories were basic, working conditions were poor and the products were competing heavily on price. Yet the Chinese industry did not remain there. Over time, manufacturers moved into increasingly sophisticated applications, including specialist alloys, medical wire, stainless steel and aerospace-related materials.

The important point isn't whether every company followed precisely the same trajectory. It is what the trajectory demonstrates. Manufacturing capability can develop remarkably quickly when investment, competition and technical knowledge reinforce one another. The question changes from "How cheaply can we make this?" to "How quickly can we make this, at what quality, at what scale and for which new market?"

The domestic market is an important part of this story. A manufacturer with a large home market has somewhere to develop a product, test it, learn from customers, refine the manufacturing process and increase production before taking that experience overseas. Demand creates production, production creates experience, experience creates efficiency and efficiency creates scale. Then the cycle starts again.

The electric vehicle industry illustrates this particularly well. The International Energy Agency estimates that almost 22 million electric cars were produced globally in 2025, with China accounting for around 16 million – or nearly three-quarters of global production. China's electric-car production exceeded domestic demand by around 20%, while Chinese electric-car exports more than doubled to a record 2.5 million vehicles.

The same concentration is even more striking further up the supply chain. China accounted for more than 80% of global battery-cell production in 2025, while its share of cathode active material production was around 85% and anode active material production exceeded 90%. The IEA describes China's EV and battery supply chain as a tightly clustered ecosystem extending

from critical mineral refining and components through to battery and vehicle manufacturing.

It's difficult to look at those numbers and describe what has happened simply as success in car manufacturing. It is success in building an ecosystem, and that ecosystem extends far beyond the vehicle itself.

Government policy is another part of the equation, and it would be impossible to discuss China's manufacturing success without acknowledging it. China's industrial model combines market competition with significant government involvement in infrastructure, investment, strategic industries and industrial policy. But it would be misleading to describe Chinese manufacturing simply as state-owned. There is substantial private-sector activity and intense competition between manufacturers. The more interesting point is the environment in which those companies operate.

The battery industry provides a particularly clear example. The IEA reports that China accounted for more than 80% of global battery manufacturing capacity at the end of 2025. It also notes that building a production facility is only the first step in developing a competitive industrial base. New facilities can take more than five years to reach output levels close to their nominal capacity, while established manufacturers benefit from accumulated expertise and supply-chain relationships. That accumulated knowledge is difficult to buy overnight.

The ecosystem is the advantage

This is perhaps where the Chinese model becomes most interesting. A Western company can buy the same machine as a Chinese company. It can employ skilled engineers and source the same raw materials. It can even produce a technically comparable product. But what happens around that factory matters.

If a component needs changing, how quickly can it be sourced? If a production line needs adapting, who can make the modification? If a customer suddenly wants 10 times the original volume, how quickly can production scale? If a new material becomes available, how quickly

can it be incorporated into the product? The answers depend on the ecosystem.

China's experience with electric vehicles provides a particularly good illustration. The IEA notes that China's electric truck market is almost entirely supplied by Chinese manufacturers using Chinese batteries and Chinese chassis, with CATL alone supplying around 80% of the batteries used in Chinese electric trucks in 2025. The organisation describes this as a well-connected domestic network with strong local supplier density.

That kind of integration is difficult to reproduce simply by building a factory, and it also helps explain why protectionism on its own has limitations. The European Union imposed definitive countervailing duties on Chinese battery-electric vehicles in 2024 following its anti-subsidy investigation. The additional duties range from 7.8% to 35.3%, depending on the manufacturer. Those measures can change the economics of importing Chinese vehicles into Europe, but they cannot instantly create Europe's missing battery supply chains, manufacturing expertise or economies of scale.

This is what makes the Chinese model particularly difficult to compete with. The competition is not simply between two products or two factories. In some cases, it is between two industrial systems.

There is another characteristic of a deep manufacturing ecosystem worth considering: its ability to adapt. The Covid pandemic provided an extraordinary example of how manufacturers around the world had to respond to completely unexpected demand. In China, companies with established engineering capabilities, machinery expertise and production capacity were able to move into products and equipment outside their traditional markets.

For the wire and cable industry, the broader lesson is significant. A company that understands materials, machinery, tooling, automation and production processes has options. When a new market emerges, it may be able to adapt existing knowledge and infrastructure rather than starting from zero. That ability to move quickly is increasingly valuable in a world where technologies and markets can change much faster

than the traditional industrial investment cycle.

From commodity to capability

Perhaps this is where the story becomes most relevant to the Western manufacturing sector. There is a temptation to look at China purely as a competitor and ask how Western companies can protect themselves from lower-cost imports. That is an understandable question, but it may not be the most useful one. A better question might be: what does China do particularly well, and which parts of that approach could be applied elsewhere?

The first lesson is to think in ecosystems rather than individual companies. A successful manufacturer needs suppliers, machinery companies, engineers, universities, customers, logistics providers and infrastructure around it. The second is scale. Large markets give manufacturers somewhere to learn, experiment and improve, while also making it easier to justify investment in specialised machinery, skills and product development. The third is speed. Research and innovation are important, but turning an idea into a commercially viable product quickly can be just as important. The ability to move from development to production is a competitive advantage in its own right.

Perhaps most importantly, manufacturing capability is strategic. Once an industrial capability disappears, rebuilding it can be extraordinarily difficult. Skills disappear, suppliers disappear, investment moves elsewhere and knowledge is lost. The result is not simply fewer factories. It's a thinner ecosystem.

That is particularly relevant as governments across Europe consider industrial strategy, energy security, defence and supply-chain resilience. The opportunity for Western manufacturers may therefore not be to reproduce every product China already makes. It may be to identify where the next opportunities are emerging and develop the capabilities required to compete in those markets.

This is where the wire and cable industry has an interesting position. The next major markets for wire and cable are unlikely to be limited to

the traditional applications we have known for decades. Electrification is increasing demand for conductors. Data centres require huge amounts of power and connectivity. Renewable energy requires new transmission infrastructure. Electric vehicles require increasingly sophisticated electrical systems. Aerospace and defence demand lightweight and high-performance materials. Nuclear technology requires specialist cabling and instrumentation.

The question for Western manufacturers may therefore not be: "How do we make exactly the same products more cheaply than China?" It may be: "Where are the markets where we can become exceptionally good?"

That is a different strategy. Trying to win every commodity market on price may be an unwinnable battle. Developing specialist capabilities, engineering expertise, intellectual property and trusted supply chains could be a much more sustainable one.

China's own development provides some evidence that moving up the value chain is possible. The country has not remained confined to the low-cost manufacturing model that shaped its reputation in previous decades. Its position in batteries, electric vehicles, advanced materials and other industries demonstrates how quickly manufacturing capability can evolve when investment, competition and technical knowledge reinforce one another.

What can the West learn?

Perhaps the most important lesson from China isn't actually about China. It's about industrial ambition. The UK and Europe do not need to replicate China's political or economic model, nor would it necessarily be desirable to do so. But there is a strong case for thinking more seriously about the ecosystems that surround manufacturing. Where are the skills? Where are the suppliers?

Where is the investment? Where are the customers? Where are the universities and research organisations? Where can a company develop a product, manufacture it, test it, improve it and scale it? And perhaps most importantly, what happens when that company wants to grow?

These are questions that matter to wire and cable manufacturers just as much as they matter to automotive, aerospace, energy or technology companies.

The future demand for wire and cable will not come solely from the markets we know today. It will come from the technologies being developed now. That could mean new materials for aerospace, specialist cable for nuclear applications, increasingly sophisticated electrical systems for data centres or new requirements created by defence, robotics and autonomous systems.

The opportunity may be to identify those markets early and build the capability to serve them.

That's perhaps the real China question. Not whether China can be stopped, and not whether the West can simply copy it, but whether the UK and Europe are prepared to decide what they want to be exceptionally good at next and then build the ecosystems required to make it happen.

China has demonstrated what is possible when manufacturing is treated as an ecosystem rather than a collection of individual companies.

For the wire and cable industry, there is a valuable lesson here. The objective does not necessarily have to be competing with China on every product it already makes. It could be identifying the products and technologies the world will need next and making sure that we are among the companies capable of supplying them.

Because the real competitive advantage may not be the factory itself.

It may be everything that surrounds it.



The Wire We Don't Know We're Going to Need

From AI and data centres to offshore wind, defence and aerospace, where could the next generation of wire and cable demand come from?

A drone flies over a battlefield in Ukraine carrying a spool of fibre-optic cable. In a data centre, engineers are planning for server racks with power requirements that would have seemed extraordinary only a few years ago. In North Wales, work is progressing towards a new generation of nuclear reactors. Across Europe, governments are looking at how to strengthen electricity networks, energy security and domestic manufacturing.

These projects have little in common on the surface. Yet each depends on technologies that sit firmly within the wire and cable industry's world: conductors, fibre, insulation, connectors and the machinery required to manufacture them.

The interesting question is not whether these industries will use wire and cable. They already do. It is where the next significant demand will come from, and whether the products required will look very different from those being manufactured today.

Some of the answers are already beginning to emerge.

AI's very physical problem

Artificial intelligence (AI) is usually presented as a software story. The headlines focus on models, chips and computing power. Behind that digital infrastructure, however, sits a very physical problem: electricity.

The International Energy Agency estimates that data centres consumed around 415TWh of electricity globally in 2024, with consumption expected to more than double to around 945TWh by 2030 in its base case.

For the cable industry, the more useful question is what that electricity demand means in physical terms.

A data centre needs power distribution from the grid to the facility, internal distribution through switchgear and UPS systems, connections to racks and equipment, and extensive cooling infrastructure. In its April 2026 Global Cable Outlook, CRU estimated that one gigawatt of installed data-centre capacity represents around 24,000 tonnes of copper cable and 7,000 tonnes of aluminium cable conductors.

CRU estimated that data centres accounted for 1.6% of global cable demand in 2025, compared with 0.5% in 2020, and forecast that share reaching 3.8% by 2030. It forecast data-centre cable demand

to grow at around 22.4% CAGR between 2024 and 2030.

The implications go beyond volume. As AI systems become more powerful, higher power densities are putting greater demands on distribution, cooling and reliability, while high-speed computing is also changing the balance between copper and optical connectivity.

The industry's challenge may therefore be less about finding demand and more about delivering against it. At CRU's Wire & Cable Connections Summit in June, the discussion focused increasingly on skilled labour, raw materials, manufacturing capacity and infrastructure as potential constraints on growth.

The opportunity created by AI is not necessarily simply "more cable". It could mean different cable, different materials, different specifications and different production technologies.

Where the growth is coming from

AI is only one part of a much broader change taking place across the cable market.

CRU's April 2026 Global Cable Outlook forecast global cable demand associated with HV subsea cable to grow at 25.1% CAGR between 2024 and 2030, data centres at 22.4%, solar PV at 18.9%,

electric vehicles at 8.0% and HV land cable at 6.9%.

These are forecasts rather than guarantees, but they indicate where some of the strongest demand could emerge.

The common factor is electrification.

New renewable generation needs to be connected to the grid. Data centres need enormous amounts of reliable power. Electric vehicles require high-voltage systems and charging infrastructure. Offshore wind needs subsea connections. Grid expansion requires high-voltage and extra-high-voltage systems.

For manufacturers, the challenge is increasingly one of technical capability as well as production volume.

China sits at the centre

This is where the story comes back to China.

China already has enormous manufacturing capacity in the cable sector. CRU estimates that the country accounts for 52% of global land-cable manufacturing capacity and 60% of subsea cable capacity.

But China's significance is not simply its ability to manufacture cable. It is also a major market for many of the technologies driving future demand.

China's economy grew 4.7% in the first half of 2026, although the performance varied significantly between sectors and regions. Advanced manufacturing has been an increasingly important source of growth as the country tries to reduce its reliance on property and traditional investment.

The latest trade figures illustrate the shift. China's wire and cable exports reached 1.85 million tonnes in the first seven months of 2026, up 9.26% year on year. Copper wire and cable exports rose even faster, increasing 15.44% over the same period.

At the same time, State Grid is continuing to invest heavily in the infrastructure required to support China's growing electricity demand. It completed more than RMB 310 billion of fixed-asset investment in the first half of 2026, up 12.6% year on year, including investment in transmission networks, urban and rural grids and renewable-energy integration.

Several major ultra-high-voltage transmission projects entered operation or construction during the first half of the year.

For the cable industry, the significance is clear. China is simultaneously a major producer, a major consumer and an increasingly important exporter.

A changing global market

The geography of China's cable exports is changing too.

CRU data shows that Southeast Asia accounted for 23% of China's insulated-cable exports in 2025, up from 15% in 2015. Africa's share increased from 7% to 11%. Over the same period, North America's share fell from 20% to 10%, while Northeast Asia declined from 22% to 12%.

That shift reflects the growing importance of emerging markets, where electricity networks, industrial capacity and infrastructure are expanding.

It also comes at a time when China's domestic economy is uneven. Property and construction remain under pressure, while advanced manufacturing and exports are becoming increasingly important sources of growth. For Chinese cable manufacturers, that combination creates an incentive to look beyond the domestic market.

For European manufacturers, meanwhile, the competitive landscape is changing in a different way.

The European Commission's Clean Industrial Deal is designed to mobilise more than €100 billion to support European clean manufacturing, while the EU is increasingly linking industrial policy with energy security, resilience and strategic dependencies.

European cable manufacturers are also investing in capacity. At CRU's June 2026 summit, Europacable highlighted around €4 billion of investment that could more than double European HV and EHV cable production and installation capacity by 2030.

The result is an industry being shaped by two forces at once: rapidly growing global demand and a much more strategic discussion about where critical infrastructure should be manufactured.

Subsea cable shows where the market is heading

Subsea cable provides a useful example of how China's manufacturing capability is increasingly becoming part of the international market.

China is already a major subsea cable market, with manufacturers including Ningbo Orient Cable, ZTT and Hengtong supplying the country's large offshore-wind sector. Orient Cable's own project portfolio includes the Pentland Firth East interconnector in the UK and the Baltica 2 offshore wind farm in Poland.

Orient Cable is also supplying the 220kV export cable for the Inch Cape offshore wind farm in Scotland. The first section of the project's second export cable was manufactured by Orient Cable and, at 2,000mm², is among the largest AC export cables in the world. The three sections were installed in June 2026.

These are not simply examples of Chinese cable being exported into another market. They illustrate Chinese manufacturers participating in technically demanding European projects where certification, engineering, project experience and the ability to deliver at scale all matter.

Europe is simultaneously investing in its own cable manufacturing capacity. At CRU's June 2026 Wire & Cable Connections Summit, Europacable highlighted around €4 billion of investment that could more than double European HV and EHV cable production and installation capacity by 2030.

The result is an increasingly international market in which manufacturers are competing not just on price, but on technology, capacity, certification, project experience and security of supply.

That is a very different competitive environment from simply selling cable from one country into another.

When the cable becomes the technology

Defence provides perhaps the most unexpected example of how new applications can emerge.

The UK's Defence Investment Plan commits £298 billion over four years, including more than £5 billion for drones and autonomous systems.

Across Europe, governments are also increasing defence spending and looking at how to rebuild industrial capacity.

Ukraine has demonstrated how quickly relatively inexpensive drones can evolve and how important communications, sensors and electronic warfare have become.

One development in particular brings the cable industry directly into the story.

Fibre-optic drones carry a spool of cable which unspools as the aircraft flies. Instead of relying entirely on a radio connection, the drone maintains a physical link to its operator.

The attraction is clear. A conventional radio-controlled drone can be disrupted by electronic warfare. A fibre-optic connection does not depend on a radio signal and cannot be jammed in the same way.

The engineering challenge is considerable. The cable has to be extremely light, strong enough to survive deployment and capable of maintaining signal integrity over the required distance.

CRU's recent optical-fibre analysis identifies fibre-tethered drones as an emerging application contributing to fibre demand, alongside AI infrastructure and other new applications.

For manufacturers, this is an unusual proposition. The cable is not simply hidden inside the finished product. Its characteristics can directly influence the operating range and effectiveness of the system.

It is too early to know whether fibre-tethered drones will become a major commercial cable market. But the technology demonstrates how quickly an unexpected application can create a new set of engineering requirements.

Fibre, aerospace and the next specification

The role of fibre is also expanding beyond communications.

In August 2026, the UK and Ukraine announced a new AI defence partnership. One of the projects under the partnership will use buried fibre-optic cables as AI-enabled sensors, with potential applications for protecting military sites and, in future, infrastructure such as

airports, railways and energy facilities.

The cable itself becomes part of the sensing system.

It's a small but telling example of how established technologies can acquire completely new applications.

Aerospace presents a similar challenge, although the problem there is often weight.

Airbus is leading LEIA, the Large Scale Integration Demonstrator of Hybrid Electrical Architecture, a European programme focused on high-voltage generation and distribution for future short- to medium-range aircraft.

The question is straightforward: **How do you carry more power and data without adding unnecessary weight?**

That means lightweight conductors, specialist alloys, advanced insulation, thermal management and increasingly demanding requirements around reliability and electromagnetic performance.

These may never become the industry's largest-volume markets. They could, however, be among its most technically demanding.

What should the industry be watching?

The common thread running through these developments is that the next wire and cable opportunity may not arrive looking like a wire and cable opportunity.

The company building an AI data centre is thinking about computing capacity and electricity. A wind developer is thinking about generation and grid connection. A defence contractor is thinking about autonomous systems. An aircraft manufacturer is thinking about weight and propulsion.

The requirement for cable may sit several layers down the supply chain.

That makes early engagement increasingly important. What materials will the application require? What specifications are likely to emerge? Which components are currently too heavy, too expensive or not reliable enough?

These are questions that cable manufacturers are well placed to

answer, but only if they are involved early enough.

And this is where exhibitions have an important role to play.



See the next generation at wire China

For visitors to **wire China 2026**, these developments provide a useful lens through which to view the exhibition.

Look beyond the individual machine and ask what problem it is solving.

How much more automated is the production process? How is data being used to improve quality? What is changing in high-voltage manufacturing? Which companies are developing specialist materials? Where are fibre and optical technologies moving? What are manufacturers doing to make production more efficient, flexible and intelligent?

The answers may provide a better indication of where the industry is heading than any single product announcement.

China remains one of the world's most important manufacturing bases for wire and cable, but the story is no longer exclusively about China. Europe is investing in grids, clean technologies and manufacturing capacity. Governments are reassessing supply-chain resilience. Defence requirements are changing. AI is creating entirely new demands for electricity and connectivity.

The result is an industry facing a rare combination of strong demand, technological change, geopolitical pressure and questions about manufacturing capacity.

The companies best placed to benefit may not simply be those making the most cable.

They may be the ones that understand what the world is going to need it for next.

China Builds the Next Generation of Cable

The projects and developments shaping China's next phase of wire and cable infrastructure

The most revealing developments in China's wire and cable industry are not always found in production forecasts. Some are easier to spot on project lists, construction sites and shipyards. A RMB 5 billion manufacturing base is taking shape in Wuxi, an 88.8km ± 500 kV submarine cable has been installed in

Guangdong, and a new generation of large cable-laying vessels is being prepared for deep-water operations. Other projects remain at the proposal or approval stage.

Together, these developments give a useful view of where investment is going and the types of cable technology and equipment attracting attention. Rather than covering China's entire infrastructure programme, this article looks at a selection of projects with direct relevance to the wire and cable industry.

Jiangnan Cable's RMB 5 Billion manufacturing base

One of the newest major cable manufacturing projects is taking shape in Wuxi. On 17 August, the Wuxi Development and Reform Commission published details of Jiangnan Cable's Green Power Equipment Intelligent Manufacturing project. The site covers approximately 1,300mu, or around 87 hectares, with planned investment of RMB 5 billion between 2026 and 2029. RMB 800 million is planned to be invested during 2026.

The scale is significant, but the planned product mix is perhaps more interesting. The project will be developed in four phases and includes dedicated zero-carbon intelligent manufacturing facilities for ultra-high-voltage cable, smart-grid cable, new-energy cable and what the project describes as future-industry cable. The development will also include wire-drawing, extrusion and cross-linking equipment.

This is more than another addition to conventional cable capacity. Jiangnan is building around applications that are expected to require increasingly specialised products. The project is scheduled to run through 2029, so its progress and eventual production start will be important developments for the Chinese cable market.

The investment comes as China begins its 2026 to 2030 five-year planning period. In August, the National Development and Reform Commission and National Energy Administration issued the country's 15th Five-Year Plan for the construction of a new-type power system. The plan sets out measures to strengthen the electricity network and accommodate a growing share of renewable generation.

For Jiangnan, the more telling detail is what the company has chosen to manufacture. UHV, smart-grid and new-energy cable are all built into the design of the new site.



Yangjiang Qingzhou V and VII

Further south, the focus shifts from manufacturing to offshore transmission. The Yangjiang Qingzhou V and VII offshore wind development in Guangdong has completed installation of an 88.8km ± 500 kV flexible DC submarine cable. China Communications Construction Company describes it as the world's first ± 500 kV flexible DC submarine cable and says it has been connected to the project's offshore converter station.

The wider offshore wind development has a total installed capacity of 2GW and is located up to 90km offshore, with water depths of between 45m and 53m. The Guangdong Electric Power Design Institute describes it as the world's first offshore wind project to use ± 500 kV flexible DC transmission technology.

The project shows the technical demands that come with moving offshore wind further from the coast. Qingzhou combines large-scale generation with high-voltage DC transmission over a long subsea route. That requires specialist cable technology as well as the equipment and expertise needed to install it.

For cable manufacturers, the project is a useful indication of the specifications that future Chinese offshore transmission projects could require. Higher transmission capacity, longer routes and more demanding installation conditions all place greater demands on cable design and manufacture.

Blue Sea Navigator

China is also investing in the equipment needed to install subsea cable. On 4 August, *Blue Sea Navigator* was launched at Qidong in Jiangsu. Designed by the Marine Design and Research Institute of China and built by Qidong Xiangyu Shipbuilding and Offshore Engineering, the vessel has a full-load displacement of 35,000 tonnes and can carry up to 16,000 tonnes of cable.



The 139.8m vessel is designed for deep-sea power infrastructure. It has DP2 dynamic positioning, a dual-channel cable-laying system and a maximum operating depth of 3,000m. Its designers say it will be used for high-voltage submarine cable installation for deep-sea wind farms and for transoceanic submarine power cable laying once it has been commissioned.

It's important to distinguish between launch and entry into service. *Blue Sea Navigator* has been launched but is not yet operational. The next stages include mooring, commissioning and sea trials before the vessel enters service.

The vessel's eventual commissioning will be another development to follow. Its size, cable capacity and operating depth point to growing domestic capability for installing large submarine cable systems in deeper water.

China-Chile Express

Some of the projects attracting attention are not yet certain to go ahead. The proposed China-Chile Express submarine cable is one example.

The project, led by China Mobile International, is intended to establish a direct submarine fibre-optic connection between Chile and Asia. China's Ministry of Ecology and Environment has approved the environmental impact assessment for the Chinese-controlled S1 section, covering approximately 870.83km of submarine fibre-optic cable in waters under Chinese jurisdiction. The approval was issued on 29 January 2026.

That approval applies to the Chinese section and should not be confused with approval of the wider international project. The broader China-Chile Express remains under evaluation in Chile. On 14 August, China Mobile International met with Chile's Subsecretariat of Telecommunications to present the project and discuss its progress. The initiative remains under consideration.

The project is therefore one to watch rather than a confirmed new cable order. If it proceeds, it would create another major international application for submarine fibre-optic manufacturing and installation. For now, its final route, timetable and construction remain subject to further approvals.

The watchlist

Not every development attracting attention in China has reached the point where it can be described as a confirmed project. Some have been discussed by companies, local authorities or industry sources, while approval, financing, procurement or construction details remain unresolved.

The next wave of deep and far-offshore wind projects is one area to follow. Qingzhou has demonstrated the use of $\pm 500\text{kV}$ flexible DC transmission for a 2GW offshore wind development located up to 90km from shore. The launch of *Blue Sea Navigator* also shows that China is developing the specialist installation capacity needed for deep-water projects. Further developments that reach procurement or construction could create significant demand for high-voltage submarine cable and related equipment, but individual projects should be treated as potential demand until those milestones are reached.

International submarine connectivity is another area where new developments could emerge. The China-Chile project shows both the scale of the opportunity and the regulatory and political issues that can affect international cable routes. New proposals should therefore be judged on what has actually happened, including regulatory approvals, financing, procurement and construction, rather than on announcements alone.

There are also likely to be further cable manufacturing investments that have received little international attention. Jiangnan's Wuxi project is a good example of how a major industrial development can first appear through a local government project announcement. Provincial and municipal project lists may therefore provide useful early indications of where new cable production capacity is being planned.

What comes next?

The projects covered here are at very different stages. Jiangnan's manufacturing base is moving into construction. The Qingzhou project has reached major installation milestones. *Blue Sea Navigator* has been launched and is moving towards commissioning. China-Chile Express remains under evaluation.

That difference in status matters. Announcements can change, projects can be delayed and proposed developments do not always reach construction. Following the milestones is therefore as important as following the headline investment figures.

What's clear from the projects that have moved furthest is that China's cable industry continues to develop around some demanding areas of the market. New manufacturing capacity is being planned for UHV, smart-grid and new-energy applications. Offshore projects are pushing flexible DC submarine transmission into higher-voltage applications. At the same time, Chinese companies are developing vessels capable of installing large quantities of cable in deep water.

The next few years will show how many of the projects currently on the drawing board make the transition into construction and operation. For the global wire and cable industry, those developments will be worth following because they will show not only where China is adding capacity, but where its manufacturers and engineering companies are developing new capabilities.

2026 Wire Link Award Report

Corbin Whan, a Senior Rod Mill Process Engineer at Prysmian's copper rod mill in McKinney, Texas, was the 2026 Wire Link Traveling Scholarship winner. In alternate years, the programme by the Wire Association International (WAI), the Wire Foundation and the Worshipful Company of Tin Plate Workers in the UK allows a young professional to see how the industry works there, walk the halls at wire Düsseldorf and log some quality tourist time. Below is his report.

Being chosen for this opportunity made it possible for me to step beyond the world I knew and discover the truescale of this industry. The experience began when I stepped off a plane in Frankfurt, Germany, on a Saturday morning, and into a car driven by my first guide, John Drummond, a former (WCISA) President who has chauffeured many former Wire Link Scholars. As we drove on the autobahn and down the backroads, I was captivated by the unfamiliar architecture and fields of bright yellow rapeseed crops.

We arrived at our first stop, the Barth winery. I felt this was the perfect way to begin the trip, as it introduced me to an area I knew little about and set the tone for learning throughout the journey. After an in-depth personal tour from the owner and a comprehensive guided tasting, it was time for lunch. Continuing our journey, we travelled along the Rhine River, taking in the scenery, where it seemed a castle stood at every bend. We stopped

at Rheinfels Castle to enjoy lunch overlooking the river, followed by additional sightseeing before ending the day with an authentic German dinner of schnitzel, spargel and potatoes.

The day began with a traditional German breakfast before we set out to visit several World War II sites and museums. I was fortunate to be guided by John, whose deep knowledge and engaging storytelling brought each stop to life and provided insights I had never encountered before. The day concluded with my attendance at the Wire and Cable Industry Suppliers Association (WCISA) welcome dinner, where I met a wide range of professionals from across the industry and began building meaningful connections. With over a hundred attendees representing both suppliers and manufacturers, the event created a valuable environment for discussion and networking. I talked with individuals, both manufacturers and suppliers, getting insights into how equipment is used and maintained in different contexts. I met with Steve Fetteroll, the WAI Executive Director, who introduced me to several attendees and gave me an overview of what to expect over the next two weeks.

That morning, I took the train to wire Düsseldorf for the first time. After hearing others' experiences, I arrived with high expectations: the show exceeded them. With more than 2,600 exhibitors across 16 halls, I knew I needed a plan to make the most of my four and a half days on the show floor.

On Day 1, I logged over 20,000 steps and had the resulting blisters to prove it, as I explored the halls, met new suppliers, discovered emerging technologies and exchanged business cards at every opportunity.

I thoroughly enjoyed meeting people responsible for machines I have experience with, including suppliers such as Jeff Swinchatt and John Dudus from MGS, Daniel Frankum from Zumbach and Joaquim Abrantes from Redex. That afternoon, Shannon Timme, Director of Sales for WAI, invited me to dinner in the Altstadt (Düsseldorf's Old Town) with Mathieu St-Amour and Aaron Yaddow from Carris Reels. Over dinner, we discussed their work with Prysmian and I was able to connect my experiences with theirs, especially when we talked about a reel-manufacturing site in McKinney, Texas, that I have visited.

On Day 2, I met Aaron Heath of Bekaert, last year's Wire Link Scholarship recipient from the Worshipful Company of Tin Plate Workers in the UK. He introduced me to the seven IWMA Wire Education Award winners, who were also attending. Throughout the day, I learned more about their companies through the presentations they gave and tours of their exhibitor booths. I also came across several technologies that I plan to evaluate for potential use in my processes.

Over the next few days, I spent more time exploring the exhibition halls. One of the most impressive booths was that of Niehoff Gruppe, where I met Henrik Gustafsson (Senior Sales) and Joachim Seitz (CEO, HFSAB). They walked me through the equipment on display, including a complete multiwire drawing machine and a running cable braiding machine. Afterwards, I stepped into the sound-isolated theatre within their booth to watch a video highlighting the company's history.

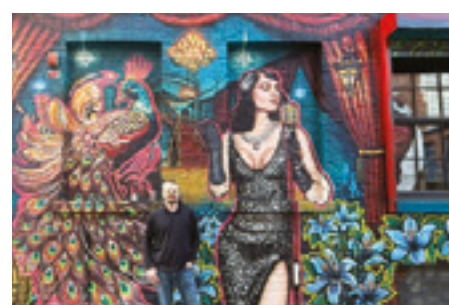
On my final night in Germany, I picked up takeaway from several restaurants in the train station



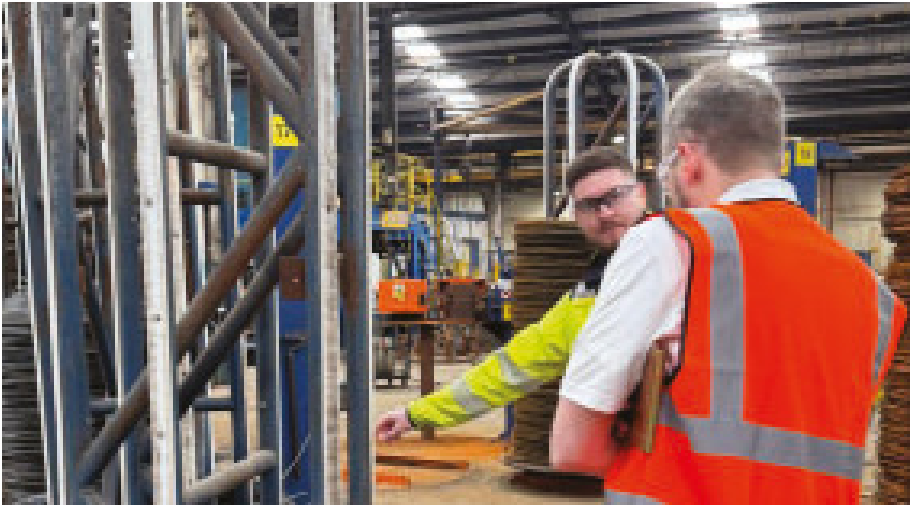
Corbin Whan with the seven 2026 IWMA Education Award winners at the association's booth at wire Düsseldorf.



There was quite the assortment of attendees at wire Düsseldorf 2026.



Soaking up the street art in Manchester.



Touring Bridon-Bekaert's Doncaster plant with Manufacturing Manager Rod Purhouse.

next to my hotel so I could sample as many local dishes as possible. With that, my experience at wire Düsseldorf was over almost as quickly as it began. The following day, I flew to Manchester with Martin Van der Zwan, Chairman of Cable Tapes UK, who served as my guide throughout the coming week in the UK on behalf of the Worshipful Company of Tin Plate Workers.

I spent the weekend in Manchester exploring the city centre. As I walked through the streets, I was struck by the remarkable amount of street art and the many beautiful murals that seemed to appear everywhere. I also visited the Science and Industry Museum and the Museum of Illusions, both of which offered engaging and memorable experiences.

The city was exceptionally busy, shaped by the anticipation of a major football match between first-place Arsenal and second-place Manchester City. While walking through the streets during the game, I could hear cheers and bursts of excitement rising from buildings all around, as though the entire city had paused to follow the match. When the final whistle confirmed a victory for Manchester City, the atmosphere transformed into a celebration, with cheering, chanting and singing filling the streets.

Over the next five days, I visited five plants representing three different companies: Bekaert, Webster & Horsfall and Prysmian. Each site offered a distinct experience. Although many of the core processes were similar, each facility had its own unique approach to manufacturing.

Monday morning, Martin picked me up from my hotel and we drove to Bridon-Bekaert, a steel wire

manufacturer in Doncaster. I spent the next two days with Aaron Heath, whom I had met the previous week. After going through a safety presentation and suiting up in the appropriate PPE, I met Manufacturing Manager Rod Purhouse, who walked me through the shop floor. The first thing I noticed was how similar the process was to copper and aluminium, aside from the heat treatment and galvanising steps performed before drawing. The line begins with an oven and liquid lead bath to develop the desired properties and grain structure for drawing, followed by a charcoal filter and an acid bath for cleaning and cooling. The rod is then galvanised, filtered again to remove any excess zinc and spooled for the drawing process. In line with the many new things I was learning, I found it interesting that steel drawing uses a 'dry' process instead of the emulsion used in non-ferrous operations. The wire runs through a borax soap box before entering the die, then wraps around a capstan that is internally water-cooled to keep the wire cool ahead of the next die. I noticed that some of the wire wasn't being drawn round. From there, we headed to the die shop, where Dominic Tasker-Meachen walked me through how dies are refurbished and explained half-lock and full-lock wire shapes – an important detail that came up again later at the ropery.

Aaron then drove me to Newcastle to visit two Bridon-Bekaert ropery sites and introduce me to Lee Fidler, the Facilities Operations Planner. We began in receiving, where they were getting in wire that had been produced at the Doncaster plant. I then followed it through the ropery across a range of stranding machines used to produce different finished products. I even got to watch a changeover on one

machine between different-size ropes. Some of them had half- and full-lock shapes that I discussed earlier, which are used to make the finished product more round as well as giving it some other unique properties. We then drove into the port to Bekaert's Neptune site, where the true scale of steel wire really came into focus. A dedicated stranding machine brought together already stranded ropes from six-foot reels to produce an even larger rope that could then be crane-loaded directly onto a ship.

The next day, I returned to the Doncaster facility for a tour of the Technology Centre with Metallurgical Technician James Bunn. There, ropes from around the world are brought in for testing on specially built machines. These range from brand-new ropes to ropes already in service that are examined to estimate their remaining life, as well as ropes used for ongoing testing and development. They also showed me how innovation comes to life at the facility, walking me through the creation of a one-of-a-kind product called VisionTek. It combines existing technology with some of their own to measure and analyse ropes far faster and more accurately than manual methods.

My next stop was Webster & Horsfall in Birmingham. When I arrived, Technical Manager Jack Helliwell welcomed me and first led me to the company's history museum. There, we traced the industry-changing story that began with the Websters in 1720 and continued with the partnership with James Horsfall in 1855. I learned that they pioneered the lead bath heat treatment method I had learned about just days earlier. Today, the company is a leading supplier of speciality wire and wire rope. Walking through the shop floor, I saw drawing, stranding and insulation lines that were already familiar to me, yet unique for their dedicated purposes. I also saw the process for twisting and fusing rope ends together, along with the method used to install sockets on the ends of ropes. They have a special machine to pre-stretch ropes after production, removing some of the initial stretch and saving the customer time later. They also introduced me to a process that grinds the wire surface to a precise dimension instead of drawing it down, which produces a better finish. The attention to detail and care they put into each customer-specific product were incredible and truly something to admire.

My final day of tours was with Prysmian in Bishopstoke, where they manufacture and test a wide variety of products. I was greeted by Plant Director Sergio Migliaccio, who introduced me to his team. I then walked the injection moulding floor with Luiz Dos Santos, Accessories Operations Manager, who taught me more about the process than I expected to learn, including how they improved efficiency and even built custom machines to support automation and repeatability. I then had the pleasure of walking through the special cables plant with Engineering Manager Jose Peculo. I saw many variations of machines I had worked with before back in McKinney, along with several techniques being used in the facility that were new to me and could prove very useful in my own plants. One highlight was an in-line twisting machine on an extrusion line I had not seen before. Jose also took me through the cable accessories facility, where they build specialised tools and equipment for a variety of cable types. Jose's tour concluded at Joint Academy, a trade school that teaches professionals how to safely and effectively join cables in the field. He then left me with Purchasing Manager Kate Glynn and Accessories Buyer Thomas Juszczynski, who explained how the company strategically offers a wide range of product options to meet every customer's needs. After their presentations, I was picked up by R&D Director Susanna Santamaria, who took me through the flame testing and high-voltage testing laboratories, where I saw machines that seemed straight out of a Nikola Tesla experiment.

With my UK plant tours complete, I had a day to explore London. Earlier in the week, Martin had recommended that I book a hop-on, hop-off bus tour of the city, so I did exactly that. It was hard

to imagine a better way to see so much of London in a single day. My highlights were seeing (and hearing) Big Ben, visiting Platform 9¾ and spotting one of the products from the Prysmian facility I had visited installed on a boat dock.

My trip had ended, although there was one related visit and that was being recognised at Wire Expo 2026. It was a fitting final touch for a trip that had exceeded every expectation I had and exposed me to more new experiences than I could have imagined. From visiting new places and learning about different cultures to seeing a wide variety of technologies and processes across the wire and cable industry, every part of the experience taught me something valuable. I especially enjoyed touring the different plants and seeing the different ways companies accomplished similar goals, because it gave me a broader perspective on the industry and reinforced how much there is to learn from others. I would highly encourage anyone interested in pursuing a career in this field to apply for the scholarship, because it is an incredible opportunity to learn, grow and build lasting connections.

I want to thank the Wire Association International and the Worshipful Company of Tin Plate Workers, alias Wire Workers for partnering to make this opportunity possible. Special thanks go to Steve Fetteroll, John Drummond, Martin Van der Zwan, Aaron Heath and all others for guiding me through the experience and making it more valuable than I could have hoped for. Finally, I would like to thank Prysmian, Chris Tucker and Joshua Muñoz for allowing me to take part in this truly special experience that changed my view of the industry and how much there is to learn.



Prysmian's Bishopstoke staff provided a memorable tour of how it manufactures a wide range of cables.

Want to be a Wire Link Scholar?

It's a long way off, but employers might want to consider if their ranks include a good candidate for the next WAI Wire Link Scholar, who will be chosen for 2028.

Candidates must have been employed in the industry for more than two years, be a WAI member and be able to travel to the UK/Germany for two weeks in April.

For more details, contact John Markowski, Education Manager, at tel. 203-453-2777 or ext. 121, jmarkowski@wirenet.org



Corbin Whan is recognised during the awards program at Wire Expo 2026.



Big Ben stood tall on the list of UK sights that Corbin Whan was able to take in.

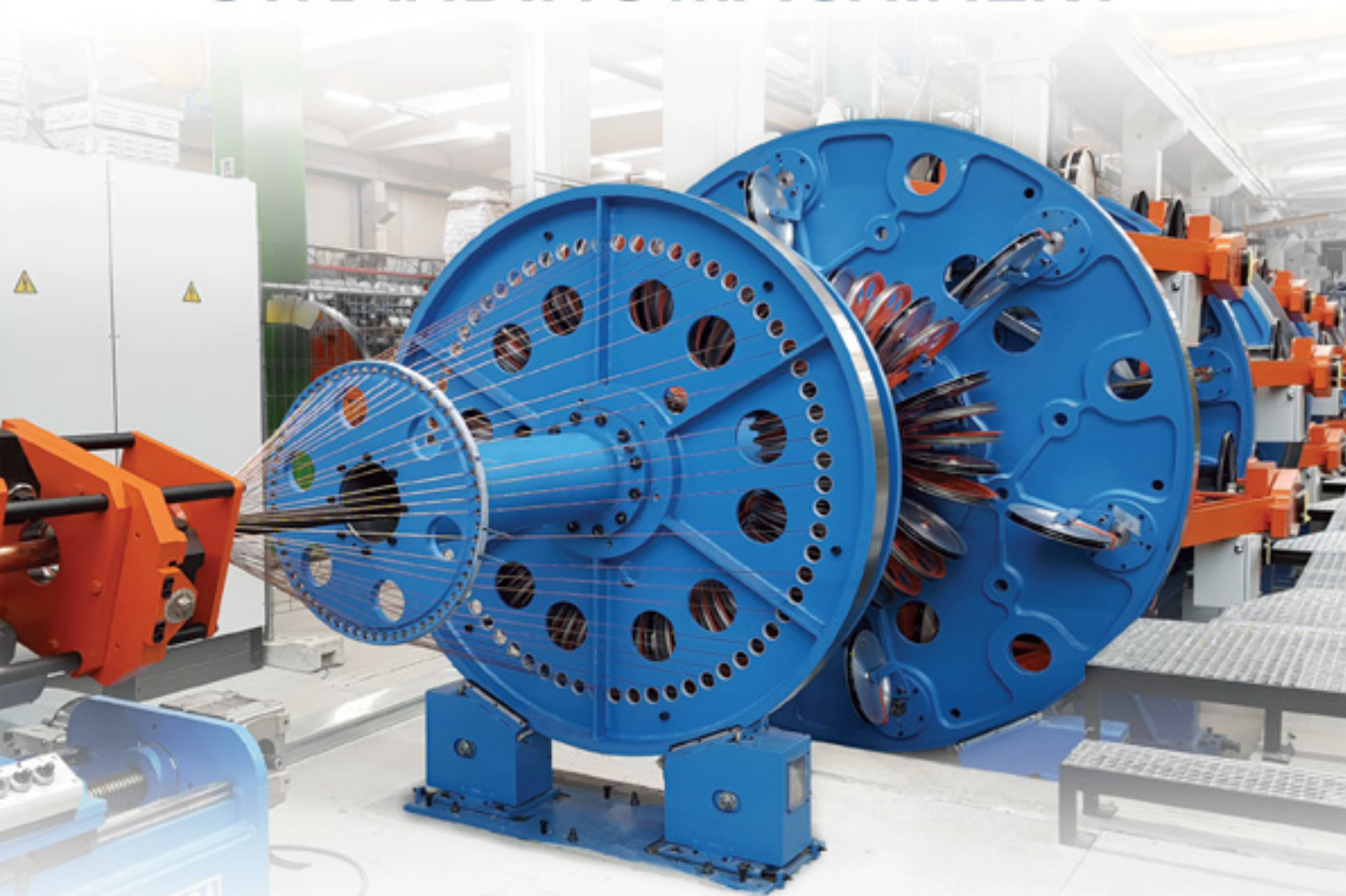


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Black Country Air Cadets Take Off with £5,000 Grant from Alloy Wire International

A group of Black Country air cadets are flying high after receiving a generous donation from a local manufacturer.

2488 (Kingswinford) Squadron Air Training Corps will use a £5,000 grant from Alloy Wire International's Wired for Good campaign to purchase flight simulators and essential equipment to help young people take part in activities, including the Duke of Edinburgh's Award.

It will help up to 60 cadets, aged between 12 and 20 years old, gain valuable 'flight time' in their bid to gain their blue wings, whilst also supporting the squadron's desire to grow to 100 cadets.

"This is a fantastic boost for our cadets and will help them gain vital flight experience – something they all really enjoy," explained Flt Lt Paul Burns RAFAC, Officer Commanding.

"We rely on self-funding, so for AWI to come forward and back us so generously means a lot and will help us support even more young people to gain confidence, develop new skills and, ultimately, prepare them for a life and successful career."

He continued: **"A lot of people don't realise what we do and the role we play in local life. For instance, there's a lot of charities and community groups we regularly get behind, and this year we'll be raising money with our local Morrisons store for Birmingham**

Children's Hospital and developing an eco-garden for St Mary's Church, alongside volunteers from the church and 'Kingswinford in Bloom'."

2488 (Kingswinford) Squadron was originally formed by Mr Ray Preston in his garage in Wall Heath as a detached Flight of 347 (Dudley) Squadron in 1969.

It meets Tuesday and Thursday evenings (from 7pm to 9.30pm), 49 weeks per year, and carries out activities and parades at the weekend.

Cadets work towards a range of badges, including Radio & Cyber, Leadership, First Aid, Shooting, Flying & Gliding and the Duke of Edinburgh's Awards, as well as gaining essential life skills that will help them in later life and in ensuring they are more 'employer ready'.

Tom Mander, Managing Director of AWI, picked up the story: **"We're very passionate about the Black Country and supporting young people to lead better lives and have a positive impact on their community."**

"The RAF Air Cadets is a fantastic organisation and fits perfectly with our Wired for Good campaign. It does so much in the community and, if our grant can help 2488 (Kingswinford) Squadron grow, support more of the younger generation to gain new skills and enjoy positive experiences, then it will be money really well spent."



Alloy Wire International, which is the UK's leading manufacturer of precision drawn, flat and profile wire, launched its charity campaign to mark its 75th anniversary in 2021.

In the following five years, the Brierley Hill-based company has made nine donations, worth over £75,000, to local causes including Acorn's Children's Hospice, Make-A-Wish Foundation, Guide Dogs for the Blind and Tough Enough to Care.

Flt Lt Burns concluded: **"It's a very exciting time to get involved with the 2488 and the RAF Air Cadets Air Training Corps, which is celebrating its 85th anniversary in 2026."**

"To make sure we reach our full potential, the RAF Air Cadets is always on the lookout for more adult volunteers to help not just us but all local Squadrons grow."

"The training is provided, and I can guarantee that, after 15 years supporting the cadets, it's a very rewarding vocation. You will also make friends for life and know that you've played a massive role in helping youngsters become better people."

www.alloywire.com

Fukase & Hakusan Launch Advanced High Carbon Steel Wire Welding Machine with Automated Features

Following their joint introduction of the BFHA-10 copper rod welding machine, T. Fukase & Co. Ltd, in partnership with its parent company, Hakusan, will introduce a new welding machine for high carbon steel wires.

As manufacturers of wire rod welding machines, they are set to unveil their latest model, which utilises heat pressure welding methods. These methods, known for their proven welding performance and durability, have been employed in Japan and internationally for over 50 years.

Hakusan has recently developed the new HBS-518 model for high carbon steel rod which features fully automatic setting of welding parameter, thus eliminating errors, and reducing set-up time. This model is compatible with the existing BSH series welding tips.

www.fukase-eng.jp

AFH-Antriebstechnik: Belts That Make the Difference!

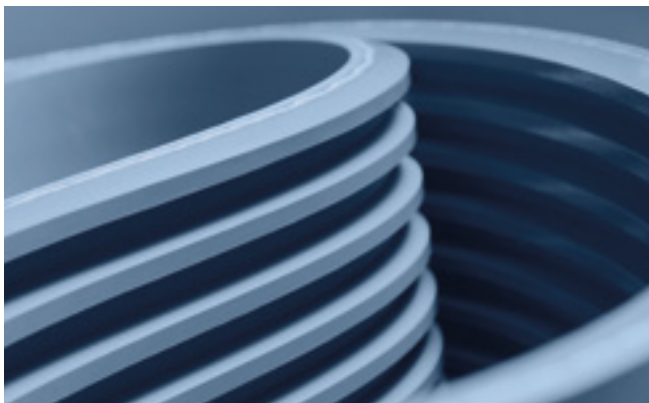
In cable production, haul-off and pulling belts are critical components, as their performance directly influences production reliability, product quality and process efficiency. Yet, when it comes to belt solutions, one size rarely fits all. And this is exactly where AFH-Antriebstechnik has built its expertise.

As a specialised supplier of high-performance cable haul-off and pulling belts, AFH-Antriebstechnik focuses on solutions that go beyond standard products by being one of the few suppliers worldwide able to offer a comprehensive range of belt coating technologies, including rubber, PVC, PU and silicone. This broad coating portfolio allows AFH-Antriebstechnik to select and develop the right belt solution for virtually any application and production requirement, rather than simply supplying a standard belt. Every application has its own specific requirements, from the type of cable and production speed to traction, temperature resistance, surface characteristics and overall process conditions. Understanding these factors is the starting point for finding the right solution.

This application-oriented approach has shaped the company for years and, by seeing itself as a consultancy partner for its customers, AFH-Antriebstechnik deliberately focuses on individual consultation, precise engineering and application-specific belt design, resulting in a tailored belt engineered for the individual production process, with the aim of achieving maximum performance, reliability and service life. In this way, AFH-Antriebstechnik helps cable manufacturers to address demanding production challenges where conventional standard solutions reach their limits.

For AFH-Antriebstechnik, successful belt solutions start with one simple question: What does the application really need? By combining extensive coating expertise with in-depth application consultancy, the company aims to provide the right product for every individual requirement.

www.afh-antriebstechnik.de



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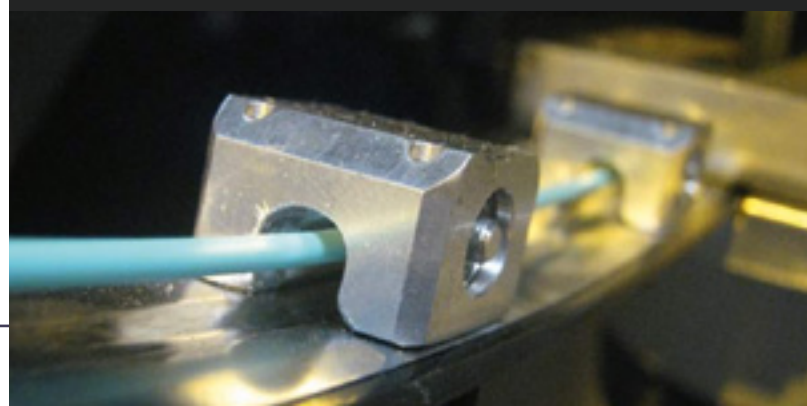
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December 30-2, 2026
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BWE: Advancing Seamless Aluminium Sheathing Solutions for High-Voltage Cable Applications



BWE Ltd is a British engineering company specialising in continuous extrusion machines and cold pressure welders, supporting manufacturers across the non-ferrous, cable and tube industries.

With increasing demand for reliable, efficient and high-performance manufacturing processes, continuous extrusion technologies continue to play an important role in the development of advanced cable and conductor solutions. BWE's Conform™ and Conklad™ technologies are established solutions used across a range of applications within these industries.

Conform™ Continuous Rotary Extrusion (CRE) technology is used for applications including copper and aluminium rectangular wire, such as magnet wire for transformers, solid aluminium conductors for cable applications, copper busbars, trolley wire and other shaped conductors. The technology is also suitable for round refrigeration tube and multipoint or PFC tubes in different alloys.

Conklad™ technology is designed for applications including ASC wire, OPGW, sheathed composite cores and other products requiring a

seamless aluminium sheath or non-ferrous cladding.

Advancing aluminium sheathing for high-voltage cables

BWE's SheathEx™ technology was first developed in 2005 and has since become an established method for the seamless aluminium sheathing of high-voltage cables.

Previously, all SheathEx lines supplied globally were designed for corrugated aluminium sheathing. This proven and reliable process uses two 12.0mm diameter aluminium rods to produce a continuous aluminium sheath.

BWE has now developed a SheathEx line capable of producing both corrugated and smooth aluminium sheaths. One of the first SheathEx customers worked closely with BWE to develop and convert their existing line for both applications. Extensive testing, carried out alongside their plastic extrusion process, demonstrated that the cable could be bent and wound onto a drum without kinking or damaging the aluminium sheath.

Existing customers can also retrofit their corrugated SheathEx lines with this new capability.

The SheathEx process provides a continuous, seamless aluminium sheath without welds. The resulting

sheath offers excellent conductivity, strong environmental performance, low weight and proven reliability. By using standard CCR aluminium rod, the process provides a cost-effective solution for the sheathing of medium, high and extra-high-voltage power cables.

Supporting future applications

BWE continues to develop new products and applications across emerging technologies, including Wire Arc Additive Manufacturing (WAAM), 3D printing, electric vehicles and precious metals.

Proving trials and demonstrations are available at BWE's headquarters in Ashford, Kent, England. The company's research and development department works with customers to assess, review and validate new applications before machine investment.

Alongside its extrusion technologies, BWE also manufactures and supplies a complete range of cold welders and dies, providing fast, cost-effective and reliable solutions for welding non-ferrous materials, from fine wire through to round rod.

™ SheathEx, Conform and Conklad are registered trademarks of BWE Ltd.

www.bwe.co.uk

FMS: Reliable Wire Break Detection for Stranding Machines

How important is wire break detection in a stranding machine?

Wire or strand breaks are faults that occur regularly. Caused by excessive strand tension, faulty brakes on the pay-offs, feed errors or material defects in the wire, these can lead to abrupt breaks.

Wire break detection in a stranding machine is important for ensuring product quality, preventing damage to the machine and minimising the risk of accidents to operating personnel. If a wire breaks unnoticed, a defect is created in the finished rope or cable, which adversely affects, or can even completely eliminate, its load-bearing capacity or functionality.

Quality assurance: A missing or broken individual wire leads to defective strands and incomplete ropes. The product is scrapped or requires costly repairs.

Damage prevention: The free end of a broken wire can become entangled in the rotating machinery, wind itself around components and cause damage.

Health and safety: Due to the high centrifugal forces in rotating cages, flying wire ends can cause serious injuries. Shutting down the machine as quickly as possible in the event of a wire break helps to protect personnel.

Machine downtime: If the broken strand is pulled through the stranding point, the finished product must be time-consumingly unstranded and the strand reconnected.

A different operating principle

To reliably detect a wire break, the FMS-cradleGUARD analyses the rotational speed of the individual bobbins and compares them with one another and with preset thresholds. To do this, the rotational frequency of each unwinder is measured using a gear ring, which is usually attached to the brake disc. The rotation of the bobbin is then detected by a proximity switch and sent to the transmitter module.

One transmitter module is required per cradle. Up to 20 such modules per system transmit the respective rotational speeds to the central receiver and evaluation unit. By comparing the rotational speeds within fractions of a second, the system determines whether a wire break has occurred. A warning can then be sent to the machine operator via relay outputs, or an emergency stop of the machine can be triggered directly.

The system offers several key benefits:

- Reliable wireless transmission, with no slip rings required
- Easy retrofitting to existing machines
- Fast fault detection, regardless of where the wire break occurs

Wire break detection as an additional feature

The original function of the FMS-cradleGUARD was to replace fault-prone switches and the associated wiring on the cradles with a wireless system. Consequently, the most common application to date has been the monitoring of pintle locks.



In response to customer requests, the range of functions has gradually been expanded. The wire break detection function was introduced as the next stage, resulting in wire break detection as an additional function of the FMS-cradleGUARD. The system also retains the option of evaluating other sensors, such as the status of pintle locks.

Initial Experiences

The plant shown was one of the first to be fitted with the new system. After six months of operation, feedback from machine operators and process engineers confirmed the ease of retrofitting and, in particular, its reliability in day-to-day operation.

Thanks to its simplified installation and operation, the FMS-cradleGUARD can be installed and commissioned by a company's own maintenance and servicing staff.

www.fms-technology.com/en/

Get 100% reliable wire break detection!

" Machine operation is safer with the **FMS-cradleGUARD**, without the need for expensive and problematic slip-rings.

Benefits

- Status of pintle lock, wire break or cradle tilt
- Easy to retrofit on all types of stranders
- NO slip-rings



September 21-24th 2026

Shanghai New International Expo Center (booth E1A16)

Häfner & Krullmann: Process Reel MW600-HD: Innovative Flange Edge Geometry for More Unwinding Cycles

Plastic spool specialist Häfner & Krullmann has further developed its process reel MW600 for unwinding enamelled copper wires on under roller systems, as used in the automotive supply industry. Thanks to the ribless flange edge geometry, the process reel MW600-HD withstands loads better during unwinding and can therefore complete more usage cycles.

In the production of electric motors, rectangular enamelled copper wire profiles are used to manufacture U-pins and I-pins for the motor winding. In addition to product quality, the main requirement for wire producers is to supply wires in such a way that they can be processed reliably in production. This is where an often-inconspicuous product comes into play, one that makes a decisive contribution to the wire's processability: the spool on which the wires are wound, stored, transported and finally unwound again.

Unwinding via under roller system

In some production facilities, the spool is not mounted for unwinding via the central bore. Instead, the spool is placed on an under-roller



The new ribless flange geometry of the process reel MW600-HD reduces the loads during unwinding on under roller systems and significantly increases the spool's usage cycles. Image: © Häfner & Krullmann GmbH



In the stator of an electric motor, U-pins made of enamelled copper wire profiles are used for the winding. In production, the wire can be reliably fed onto process reel MW600-HD from Häfner & Krullmann. Image: © hpw Metallwerk GmbH

system. In some rack variants, the flange edges rest with only four contact points on two metal rollers that drive the unwinding movement. At these contact points, a high load is placed on the spools, which promotes greater wear of the material. In addition, the load can cause individual plastic particles to detach from the spools and contaminate the work area, where high cleanliness standards usually apply.

MW600-HD: Innovative rib structure relieves flange edges

The solution is a new rib geometry on the flange edges of the previous process reel MW600, developed by plastic spool specialist Häfner & Krullmann. The flange edge of the process reel MW600-HD is ribless, i.e. the ribs extending from the centre of the flange do not reach all the way to the flange edge.

This allows the edge to deform elastically under heavy loads, so that stress peaks are lower and the applied force is distributed more evenly. Particles detach much later under continuous load. Like all Häfner spools, the MW600-HD is also characterised by a low axial runout of the flanges and a low radial runout of the barrel.

This modified rib geometry enables higher usage cycles than previous spools with conventional flange edges. This allows wire producers to use the process reels more sustainably and economically.

Increase the service life of the spool

In principle, Häfner & Krullmann recommends using the central bore for winding and unwinding the spool. However, where under roller systems are already in use, the process reel MW600-HD with a ribless flange edge enables higher usage cycles, a reduction in costs and the avoidance of quality problems caused by a contaminated production environment.

The process reel MW600-HD at a glance:

- Flange diameter d1: 600mm
- Barrel diameter d2: 400mm
- Width L1: 341mm
- Winding width L2: 280mm

www.hafner-spools.com

Rosendahl Nextrom Appoints Josef Altmayr as New Business Unit Director for Cable & Wire

Josef Altmayr has assumed leadership of Rosendahl Nextrom's Cable & Wire Business Unit. Succeeding former director, Johann Jäkel, he will lead the business unit into its next phase.

With Josef Altmayr, Rosendahl Nextrom is placing the future of its Cable & Wire Business Unit in the hands of an experienced leader who knows the business from the ground up. Since joining in 1990 as a process engineer for wire and cable, Altmayr has played an active role in the company's growth. Over the course of his career, he advanced through a variety of leadership roles, including Head of R&D, Technical Director, and Group COO, among others. In these roles, he helped shape major technological and organisational milestones, including advancements in foaming technology and the development of the ROEX extruder generation. Most recently, he served as Head of Supply Chain Management for the entire Rosendahl Nextrom Group.

"Returning to Cable & Wire feels like coming back to my roots," says Altmayr. "I look forward to reconnecting with our customers and working closely with our dynamic team to further strengthen

our position as a technology leader and build on the strong foundation established by Johann Jäkel."

According to Altmayr, meaningful innovation is built on partnership, openness and a deep understanding of customer needs. ***"Our ambition is not only to follow technological developments but to anticipate them - and to help our customers turn them into competitive advantages."***

Looking ahead, he sees digitalisation, artificial intelligence and automation as key enablers of this ambition. ***"The pace of technological change is accelerating. We want to make even greater use of technologies such as AI and robotics - both within our operations and in our equipment - to further increase quality, performance and value for our customers."***

A strong foundation for future growth

Altmayr succeeds Johann Jäkel, who has led the business unit since 2019. During his tenure, the business achieved substantial growth despite challenging market conditions. Under his leadership, Rosendahl



Nextrom strengthened its position in growth markets such as e-mobility, energy and data centre solutions, and expanded its global footprint through the opening of its Mexican office and the recent acquisition of the Estonian Windak Group.

"We set the right strategic direction and built a strong foundation for long-term success," says Jäkel.

"Josef is the ideal successor because he has personally helped develop many of our core technologies and brings unique experience across technology, operations and the commercial side of the business."

As part of the planned transition, Jäkel will dedicate his final year with Rosendahl Nextrom to supporting the integration of Windak into the Rosendahl Nextrom Group.

www.rosendahlnextrom.com/cable/

GMM Cable Machinery Among Turkey's Innovation Giants: We Have Become One of the Top 250 R&D Companies!

We said "we are shaping the future" and backed up this promise with our R&D strength. As GMM Cable Machinery, we have achieved yet another major success with our passion for engineering and our vision of continuous development.

In one of Turkey's prestigious technology and industrial rankings, we have secured our place among **Turkey's Top 250 Companies with the Highest R&D Spending!** This success is not just about

numbers; it's the product of the belief in innovation and the hard work of every single GMM engineer, technician and employee.

- **Our engineering strength:** We overcome the most challenging technical difficulties in the cable machinery sector with innovative solutions.
- **Investment in the future:** We reinvest every revenue we generate into our R&D laboratories to develop faster, smarter, and greener production lines.
- **Global competition:** With the technologies we develop in

Turkey, we compete in the same league with our giant global rivals and set the standards.

We thank all our business partners, suppliers and our wonderful team who made this success possible and shared this justified pride with us. On our innovation journey, we will continue to work tirelessly, always aiming for better and further. The future is woven with technology through GMM.

www.gmm.com.tr



Windak: Cable Packaging Challenges Rarely Affect Just One Team – MultiCoiler MC260 Designed to Address Them in One Automated Concept

The MultiCoiler MC260 helps cable manufacturers improve coiling output, stabilise coil quality, reduce packaging complexity and support more sustainable packaging strategies.

Cable packaging issues rarely stay within one part of the production process. When cable ends get lost between layers or tangles appear during pull-out, the result can reach the end customer.

When thinner cable diameters are affected by unstable tension, output and product quality can suffer.

When floor space is limited, adding new packaging equipment becomes a plant layout challenge. And when packaging no longer meets market expectations for sustainability, the issue becomes strategic.

Windak developed the MultiCoiler MC260 to address these real production conditions with a fully automatic, dual-head coiling concept built around output, coil quality, packaging flexibility and efficient line integration.

The MC260 is designed primarily for high-speed packaging of single-core wires in standard lengths, such as 100m, while also supporting

multicore cable applications and short-length coils. Its dual-head design supports continuous, high-output operation, while advanced cable handling and tension control help maintain stable, repeatable coil quality across different cable types.

A key advantage of the MC260 is its three packaging configurations, allowing manufacturers to select the packaging concept that best fits their product, market and production requirements:

MC260 Eco: Coil-in-a-box solution integrated with the EcoPacker EP260, supporting more sustainable cable packaging.

MC260 Smart: Integrated stretch wrap unit for securing the cable end and maintaining coil shape, especially when handling stiff products.

MC260 Smart+: Tuck-under solution with a self-retained cable end, helping prevent the loose cable end from springing open.

For thinner cable diameters, stable tension is critical.

The MC260 uses a horizontal accumulator together with servo-pneumatic tension control to support continuous pay-off speed during changeover between

the coiling heads and maintain consistent cable tension. This helps manufacturers achieve uniform coil packages, reduce tangling and improve output stability.

The MC260 is also designed for practical integration into real production environments. Configurable coil OD, ID and height allow adaptation to different market and packaging requirements, while left-to-right or right-to-left operation supports flexible line design.

Its compact footprint helps manufacturers add automated coiling capacity even when available floor space is limited.

With fully automatic operation, permanent quality monitoring, and efficient operation by a single operator, the MC260 supports predictable daily production while helping manufacturers move towards more sustainable packaging strategies.

The MultiCoiler MC260 reflects Windak's continued focus on automation solutions that help cable manufacturers improve productivity, quality, safety, and packaging flexibility across the production line.

www.windakgroup.com

Mikrotek: Extrusion Tools for Precision Insulation in High-Performance Cable Manufacturing

In the wire and cable industry, consistent insulation quality starts with precision extrusion tooling. As manufacturers demand faster production speeds, tighter tolerances and greater product reliability, advanced tooling is increasingly important for maintaining stable, high-performance cable manufacturing.

The precision of **extrusion dies, tips and allied tooling** directly influences process stability and product quality. A well-designed tooling system controls polymer flow around the conductor while maintaining the required geometry throughout the extrusion process.

The **extrusion die** controls the final shape and dimensions of the

insulation or jacket, while the **tip** guides and positions the conductor within the extrusion flow. Together, they must provide:

- Accurate conductor centring
- Uniform insulation thickness
- Stable polymer flow
- Consistent dimensions
- Smooth surface quality
- Reliable performance at high production speeds

Application-specific tooling

Different wire and cable constructions require different tooling solutions, depending on factors including conductor material and diameter, solid or stranded construction, insulation material, production speed and dimensional tolerances.

Applications involving **PVC, PE, XLPE, LSZH and other cable compounds** may therefore require application-specific die and tip configurations.

Conductor → Tip → Polymer flow → Die bearing → Finished insulation

Proper die and tip alignment is essential for maintaining concentricity and consistent insulation coverage. Tooling material must also be selected according to the application, polymer, production speed, wear conditions

and required service life.

PCD, tungsten carbide, high-speed steel and stainless steel

are among the materials used for different extrusion tooling applications. Material selection should consider wear resistance, toughness, polishability, chemical compatibility, operating conditions and reconditioning potential.



Mikrotek's extrusion tooling solutions are used across a wide range of cable applications, including power cables, building wires, automotive wiring harnesses, EV charging cables, renewable energy cables, control cables, instrumentation cables, telecommunication cables, fibre optic cables, aerospace and defence, railway and transportation, and industrial automation.

As cable manufacturing requirements continue to evolve, precision-engineered extrusion tooling remains essential for achieving consistent quality, reliable performance and efficient production.

www.mikrotek.com

The Reference In Cable Metrology

www.aesa-cortailod.com



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SIKORA Cooperates with Jiangxi Cable: Empowering the Production Line Upgrade of 500kV Extra-High Voltage Cables with Precise Measuring and Control Technology

Jiangxi Cable Co., Ltd., founded in 1969, is a subsidiary of Jiangxi Copper Corporation Limited, which is listed in the Fortune Global 500. The company manufactures over 100 varieties of high, medium and low-voltage cables.

Driven by growing domestic demand for extra-high voltage (EHV) power grids, Jiangxi Cable began a reconstruction and expansion project for its 500kV EHV cable production in 2023. The project involves the installation of two VCV lines for EHV cables.

The requirements for insulation eccentricity and wall thickness homogeneity of EHV cables are significantly higher than those of standard cables. Therefore, the integrated measuring and control devices must feature advanced technology, reliable performance and precise measurement capabilities.

SIKORA initiated its cooperation with Jiangxi Cable over 20 years ago. The X-RAY 8000 systems have successfully operated on

Jiangxi Cable's CCV and VCV production lines for many years. Based on the high recognition of SIKORA's technical reliability and professional service, Jiangxi Cable decided to equip each of its two new VCV production lines with two specialised systems: an X-RAY 8000 ADVANCED at the beginning of the production line and an X-RAY 8700 NXT at the end.

Installing the X-RAY 8000 ADVANCED at the hot position of the production line enables real-time measurement, recording and display of cable wall thickness, eccentricity and diameter. Operators can use these precise measurement data to quickly adjust cable parameters, significantly reducing start-up adjustment time for eccentricity and avoiding excessive raw material consumption.

The X-RAY 8700 NXT, installed at the cold end of the production line, can measure the eccentricity and wall thickness of the outer shield, insulation layer and inner shield of the cooled cable. This ensures the timely detection and adjustment of potential deviations during production, minimises errors caused by manual sectioning and observation, and guarantees that all

cables delivered to customers meet the required high-quality standards.

"In the current fiercely competitive market, reducing costs and increasing efficiency are key focuses for every cable manufacturer," says Mr Liu, Chief Engineer at Jiangxi Cable. "After using SIKORA's X-RAY 8000 for many years, we believe that the systems can effectively reduce material consumption during start-up eccentricity adjustment. Once production starts, only 10 to 30 metres of cable are needed to adjust the eccentricity to within 4%. Without the precise measurement and control provided by this system, it might require consuming more than ten times the material to achieve the same quality standards."

The X-RAY 8000 ADVANCED and NXT from SIKORA provide continuous and precise monitoring of the cable production process. The systems ensure product quality while improving production efficiency and raw material utilisation, thereby strengthening users' competitive advantages.

www.sikora.net

Precision for Tomorrow

Engineering the Future of Power Cables

The expansion of power transmission networks requires reliable and efficient cable production. TROESTER supplies complete CCV, VCV and sheathing lines for the production of MV, HV and EHV power cables. Designed for outstanding concentricity, high process stability and long continuous production lengths, TROESTER extrusion technology helps manufacturers achieve consistent cable quality, high productivity and reliable operation. www.troester.de



High-output production concept featuring four TROESTER CCV lines for MV / HV power cable production.

Philflex Turns Cable Design Knowledge into Faster Customer Response with InnoVites



Phase 1 go-live supports faster design search, better reuse of cable design knowledge, and automatic datasheet generation.

Philflex, one of the leading wire and cable manufacturers in the Philippines, has successfully gone live with InnoVites cableCORE DesignCenter. The solution is built specifically for the wire and cable industry and supports the way cable manufacturers manage design information, product data and customer enquiries.

With the first phase now live, Philflex can search and reuse existing

cable designs more easily, create new designs faster and generate datasheets automatically. This helps the team respond to customer requirements with greater speed and consistency, while reducing repetitive work in the design process.

“Technology investments only matter when they help people work better and serve customers faster,” said Jaime Que, CEO and President of Philflex. ***“With cableCORE DesignCenter, we are building a more structured and connected way to manage our cable design knowledge. It gives our teams the confidence to respond to customer requirements more quickly and supports the next stage of our digital transformation journey.”***

The go-live reflects Philflex's continued focus on improving how it serves customers across its wire and cable portfolio. As customer requirements become more specific and response timelines become

shorter, structured design data has become increasingly important for manufacturers that want to respond quickly and accurately.

“Cable design knowledge is one of the most valuable assets inside a cable company,” said Albert Groothedde, CEO of InnoVites. ***“With cableCORE DesignCenter now live at Philflex, the team has a stronger foundation to search, reuse and apply that knowledge in daily customer response. It is a practical step with a direct impact on speed, consistency and design productivity.”***

For InnoVites, the successful go-live reinforces the value of cableCORE DesignCenter for manufacturers looking to improve one of the most important parts of the cable business: turning customer requirements into accurate, reusable cable designs faster.

www.innovites.com

iDEAL-Werk: Reliable Coil Joining for Continuous Tube Production with Advanced Flash Butt Welding Technology

Continuous tube production lines demand reliable strip joining technology. Every coil change requires a weld that combines mechanical strength with process reliability to ensure uninterrupted production. The ASO 220 B-P 500 Flash Butt Welding Machine from iDEAL-Werk is designed to deliver consistent weld quality, short cycle times and stable performance in automated manufacturing environments.

Process reliability – the foundation of efficient tube production

In today's highly automated tube mills, productivity depends on uninterrupted material flow. High strip speeds, increasing quality requirements and continuous production schedules leave little room for downtime. Any interruption during a coil change can affect the performance of the entire production line and generate additional costs.

For decades, iDEAL-Werk has developed resistance welding solutions for demanding industrial applications. The ASO 220 B-P 500 has been designed for continuous operation in the steel and tube industry, combining robust engineering with precise process control to support reliable weld quality and machine availability.

Flash butt welding – efficient, precise and repeatable

Flash butt welding is one of the most reliable methods for joining

steel strips in continuous production. During the process, strip ends are electrically heated through a controlled flashing process, removing oxides and surface contaminants before being joined under high upsetting force to create a homogeneous metallurgical bond.

As an option, iDEAL-Werk offers an integrated hydraulic flash trimming system (HE), which automatically removes weld flash from the outer flat and horizontal surfaces immediately after welding.

Unlike conventional joining methods, flash butt welding does not require perfectly machined strip ends. This reduces preparation time while maintaining consistent weld quality, supporting shorter cycle times and reliable operation in continuous 24/7 production environments.

ASO 220 B-P 500 – designed for industrial continuous operation

The ASO 220 B-P 500 combines heavy-duty machine construction with advanced control technology. The system is capable of welding steel strip cross-sections from 380mm² to 3,400mm², strip widths from 150mm to 450mm and material thicknesses ranging from 2.5mm to 7.5mm. Mild steel SAE 1012 is among the reference materials processed on the system.

Precise control of the flashing and upsetting phases helps minimise strip failures, reduce scrap rates and prevent unexpected production stoppages, supporting improved overall equipment effectiveness (OEE).

Versatile applications across the steel industry

Although primarily developed for continuous tube production lines, the ASO 220 B-P 500 is suitable for a wide range of steel processing applications.

Typical installations include steel and strip rolling mills, pickling and coating lines, roll forming systems, stamping and press lines, heavy-gauge strip processing and other industrial applications. Wherever continuous material flow is essential, reliable strip joining plays an important role in maintaining production efficiency.

Made in Germany – engineering expertise

For decades, iDEAL-Werk has designed and manufactured resistance welding systems at its headquarters in Germany. The ASO 220 B-P 500 combines flash butt welding technology with precise process control to support reliable strip joining in continuous production environments.

A key technology for continuous production

Joining steel strip is a critical process step in continuous tube manufacturing. Through reliable welding cycles, robust machine design and controlled processes, the ASO 220 B-P 500 helps manufacturers improve productivity, increase line availability and reduce operating costs.

www.ideal-werk.com



Metalube Relaunches Advanced Tubol™ Range

Metalube, a leading UK manufacturer of specialist industrial lubricants, has announced the continued development and global availability of its Tubol™ range, a next-generation suite of non-ferrous tube drawing lubricants engineered to deliver consistent, high-performance results across the full manufacturing process.

The Tubol™ range is designed as a complete lubrication system for tube production, supporting every stage from initial billet casting and extrusion through to pilger milling, draw bench operations, cascade systems, spinner blocks and final finishing processes including bright annealing.

Formulated using advanced mineral, semi-synthetic and fully synthetic base oils combined with modern additive technology, Tubol™ products are engineered to perform under the demanding thermal and mechanical conditions. The range is suitable for copper, brass, aluminium and other non-ferrous applications used in sectors such as air conditioning and refrigeration (ACR), sanitary systems and engineering manufacturing.

A key feature is its wide viscosity index range, enabling precise product selection tailored to each stage of the drawing process. This ensures consistent lubrication performance from initial heavy reduction stages through to fine finishing passes.

Sebastien Mallet, Commercial Manager at Metalube, says: ***“Performance benefits include extended tool and die life, improved***

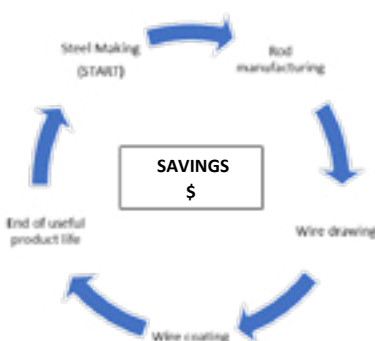
surface finish quality, reduced carbon residue and compatibility with bright annealing in inert, dry atmospheres. Our Tubol™ full manufacturing suite is designed for low-fume emission characteristics, helping improve workplace safety in high-speed drawing environments.”

Manufactured in the UK and distributed globally, Metalube exports to more than 100 countries and provides technical support through a dedicated international network and in-house laboratory services, ensuring product optimisation and process support for customers worldwide.

www.metalube.co.uk



PWT Limited continues to lead the wire industry in reducing its environmental impact.



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- RSD
- Lubricant conditioning

Galvanising Benefits

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- Reduced Waste with maximum recoveries to the bottom line
- Reduced Energy consumption – Gas, Electric and Induction. Zn, ZnAl5%/10%, ZnAlMg, Al coatings with tight coating control.
- Reduced kettle size

HAEHNE: Condition Data from Rotating Stranding Machines

Stranding machines are among the most productivity-critical pieces of equipment in the wire and cable industry. For the first time, a wireless condition monitoring system enables the continuous monitoring of key process and condition parameters directly on the rotating machine components.

Greater transparency in the stranding process

Downtime on stranding machines results in high costs. At the same time, many critical process parameters are difficult to access because they occur on rotating parts of the machine. In particular, wire tension, braking forces, temperature trends and the condition of the cradle lock can often be checked only sporadically. As a result, changes frequently go undetected between maintenance intervals.

As production continues to become increasingly digitised, the need for continuously available condition data is growing. The goal is to detect deviations or critical process parameters early on, reduce unplanned downtime and perform maintenance based on the actual condition of the equipment.

A particular challenge lies in reliably collecting data from rotating machine parts. Traditional slip ring solutions require additional maintenance and are difficult to retrofit on existing machines.

Against this backdrop, HAEHNE developed the Strander Condition Monitoring system. The system measures relevant process and condition parameters directly at the rotating machine and transmits them wirelessly to a central evaluation unit. Among other things, it enables continuous monitoring of wire tension, braking force, cradle lock, rotational speed and temperature.

Wireless data acquisition

The core component of the system is a transmitter unit mounted on the rotating part of the machine. This unit receives the sensor signals and transmits them via radio to a receiver unit installed outside the rotating zone. This eliminates the need for mechanical signal transmission via slip rings.



RMR3 - Force sensor for measuring the wire tension

The architecture allows for the integration of multiple sensors within a single machine. In addition to force sensors, temperature and motion signals can also be integrated. The data from the existing sensors is consolidated into a single data stream, providing a comprehensive overview of the machine's condition.

Sensors specifically designed for use in high-speed stranding machines are used for wire tension measurement. The measurement technology operates independently of centrifugal and Coriolis forces, thereby enabling reliable detection of the actual process forces.

Wireless transmission ensures that data is continuously available. The information is collected outside the machine and made available for further analysis or integration into existing production and control systems. Through standardised interfaces, the data can be transmitted, for example, to higher-level monitoring or MES systems.

Foundation for predictive maintenance

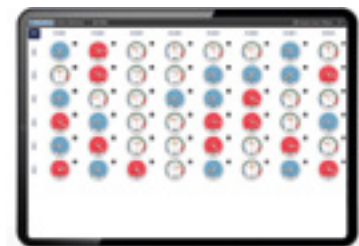
In addition to simple process monitoring, continuous data collection opens up new possibilities for maintenance. Changes in braking forces, temperature trends or tensile forces can indicate wear, misalignments or incipient defects.

Instead of relying solely on fixed maintenance intervals, operators gain a robust data foundation for condition-based decisions. Maintenance measures can be planned strategically, and unplanned downtime can be reduced.



DFC - Data reception module (mounted outside the rotating area)

collected data is visualised in dashboards and stored historically. This makes it possible to identify trends and analyse developments over longer periods of time. In addition, thresholds can be defined that trigger automatic notifications when exceeded. Export functions facilitate further analysis of the measurement data.



DFM - Visualisation software for condition monitoring

Especially in highly utilised production facilities, the combination of process monitoring and condition analysis offers significant added value. Production managers gain greater transparency into the actual operating conditions of their machines and can respond to changes early on.

With the increasing availability of condition data, condition monitoring is becoming a key component of digital production in the wire and cable industry. Continuous monitoring of critical parameters creates the conditions for higher equipment availability, improved process stability and more efficient maintenance.

www.haehne.de

Bangkok Cable Powering Future-Ready Manufacturing

Advancing smarter, more resilient operations

The wire and cable industry is evolving rapidly. Energy infrastructure is being reshaped by growing demands for energy efficiency, resilience and decarbonisation.

For Bangkok Cable (BCC), this means manufacturing must evolve with the market. Building on more than 60 years of engineering and manufacturing experience, BCC is strengthening its operations by connecting people, processes, technology and data seamlessly across the organisation. The objective is to improve manufacturing capability, decision-making and responsiveness while preparing for future growth.



Leading Bangkok Cable's manufacturing transformation
Paitoon Jiranantararat, Assistant Chief Executive Officer, Bangkok Cable

Paitoon Jiranantararat plays a key role in shaping Bangkok Cable's



next phase of growth, aligning manufacturing transformation, digital capability and enterprise-wide performance to strengthen long-term competitiveness.

Manufacturing competitiveness is changing

"Customers today expect higher quality, better service and faster response," Paitoon explains. "Their requirements are also becoming more diverse, so manufacturers need to be more flexible and more responsive."

Production capacity remains fundamental, but competitiveness increasingly depends on consistent quality, reliable delivery, operational



flexibility and the ability to adapt quickly to changing conditions.

For BCC, transformation is therefore about strengthening the capability to scale, respond and compete with greater confidence.

Data as the foundation

At the centre of BCC's transformation is one essential foundation: data.

"Data is the foundation. Without the right data, it is difficult to move towards more advanced analytics or AI."

Reliable production and business data can support better planning, forecasting, maintenance, quality control and supply chain decisions. AI can then help identify patterns, improve predictions and support more complex decision-making.

Technology remains an enabler. Human judgement, experience and leadership continue to be central.

Manufacturing excellence and sustainability

For Bangkok Cable, operational excellence starts with smarter, more resilient use of energy and resources.

Better process control helps reduce waste, rework and unnecessary use



of materials and energy. BCC is also integrating solar energy, battery energy storage systems (BESS) and energy management into its broader manufacturing development.

These capabilities support more efficient energy use, stronger operational resilience and BCC's longer-term sustainability direction.

Building confidence in every metre

For a cable manufacturer, the ultimate measure of manufacturing excellence is confidence in the product.

"Customers want to know that the cable they buy is safe, meets the required standard and has consistent quality," Paitoon says.

BCC's long-term direction is to strengthen process control and traceability from raw materials through each stage of manufacturing and quality inspection.

The ambition is clear: to give customers greater confidence in the quality of every metre produced, while improving the ability to identify and respond to issues quickly and accurately.

As Bangkok Cable prepares for the next era of manufacturing, the company is bringing together decades of cable engineering expertise, digital capability and sustainable energy.

Its direction is clear: to strengthen the manufacturing intelligence, agility and resilience needed to serve the next generation of energy infrastructure.

www.bangkokcable.com/en

Beyond the Core: Why Industry Leaders Must Drive Sector-Wide Efficiency

The future of manufacturing is often associated with machines replacing people. In wire drawing, the reality is different. Our industry continues to rely on the expertise of skilled professionals, whose experience, judgement and know-how remain irreplaceable. Technology should be viewed as an enabler: a means of enhancing human expertise, improving decision-making and delivering better outcomes.

At the same time, this is a mature and highly price-sensitive market, with margins under structural pressure that will not ease. In such an environment, sustained competitiveness depends on continuous gains in operational efficiency. The challenge is that efficiency is not a destination but an ongoing process of improvement.

Automation and digitalisation are making this possible. Across manufacturing plants, they are transforming how production is monitored, managed and optimised, enabling continuous improvements in operational efficiency.

On the shop floor, automation will continue to advance across process control, material handling and in-line quality control, enabling

higher productivity, greater process consistency and more reliable manufacturing performance.

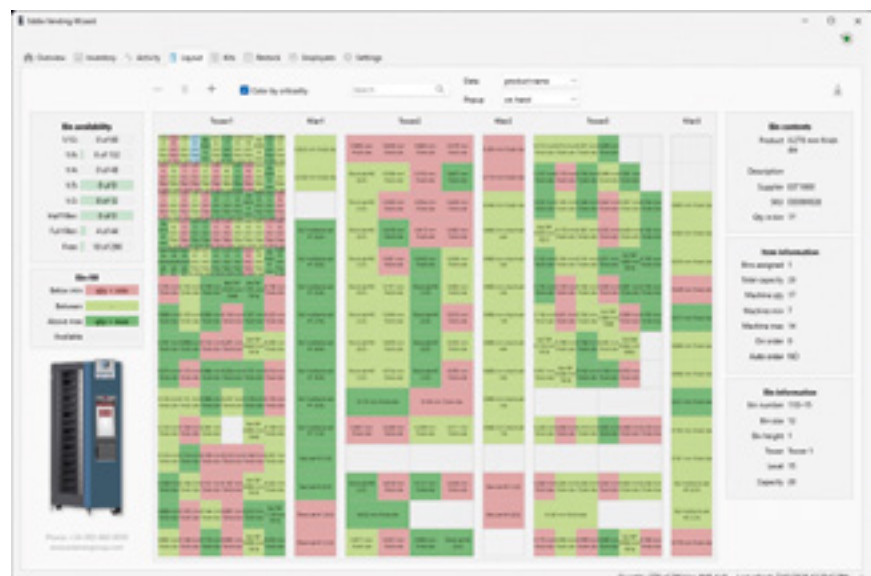
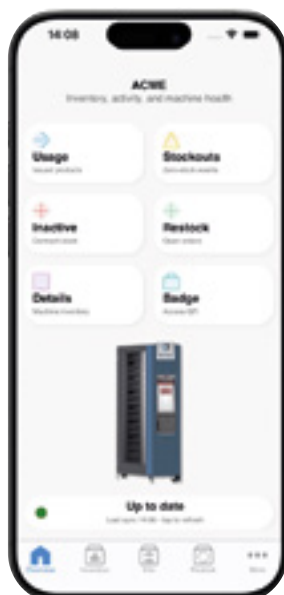
Digitalisation offers even greater potential. Data that once stayed within individual machines is now being consolidated across the entire plant. Combined with AI, this data can reveal patterns, predict outcomes and, ultimately, enable prescriptive decision-making. The result is better-informed decisions at every level of the organisation, driving continuous optimisation and strengthening long-term competitiveness.

Present and future competitiveness will depend on the leaders across the value chain who drive technological innovation within their own areas of expertise, while extending their contribution beyond their traditional core business.

At Esteves, this philosophy shapes the way we innovate. Our core business is the manufacture of high-precision tooling that helps customers optimise their production processes. But we believe our responsibility does not end there. We also develop solutions such as Eddie Vending, which digitalises and automates tooling management on the shop floor. While it lies beyond our traditional core business, it reflects the same commitment: helping our customers operate more efficiently by improving the way their tooling is monitored, managed and optimised.

The industry will evolve through emerging technologies, but its future will be shaped by the leaders who use them to improve their customers' competitiveness.

www.estevesgroup.com





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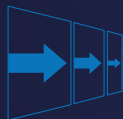
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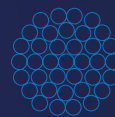
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FLYMCA Expands Submarine Cable Machinery Projects Worldwide

In recent years, FLYMCA has been focusing on the design and construction of specialised and customised machinery for large-scale stranding, cabling, screening and armouring purposes, with an emphasis on machinery for very special cables such as submarine, offshore and umbilical cables.

The efforts of the company have been motivated by the noticeable worldwide increase in demand for submarine cable production in recent years.

Armouring lines are being realised in two different configurations:

- Large tubular stranders for multiple steel wires with bullhead, for fibre optic submarine cables. The last tubular strander produced by FLYMCA features 36 bobbins, Ø630mm.
- Large planetary armouring lines for heavy power transmission cables produced on huge, large and heavy-duty machines with a high number of steel wires, based on single or double wire-layer design, with configurations of up to 214 wires. These systems are used through a single or a dual planetary cage working in tandem. Additionally, these

machines incorporate automatic bobbin-loading systems prepared to minimise the downtime associated with bobbin changeovers.

In response to the rising need for submarine cables, there is a significant demand for robust cross-sectional conductors manufactured in rigid stranding lines using up to 133 wires or more. These stranding machines are equipped with automatic bobbin-loading systems.

The machines are prepared for round and trapezoidal wire sections. They have substantial compacting systems and devices for applying water-blocking by yarns and powder. The automatic bobbin-loading system allows significant downtime reduction, increased productivity and improved operator safety on the line.

FLYMCA is also concluding the production of six tubular stranders at the same time, all of them designed for the ACSR market. These 1+8 tubular stranders can rotate at 1,000rpm and are excellent for aerial cables.

FLYMCA achieved a great milestone with its largest project to date. After loading the final truck carrying a 40-T caterpillar with four gripping contacts in an 8-metre length, the company has finished four fully

integrated solutions delivered as one:

- 2x rigid stranders (176 & 140 wires bob. Ø800mm)
- 2x planetary armouring lines (up to 208 steel wires + FO)
- 28x reversible caterpillars ensuring full cable handling across the plant

It is not only a challenging project in terms of engineering but also in terms of the scale of execution:

- 158 trucks
- Over 2,260-T delivered
- Close to 340,000 hours spent on engineering, fabrication and assembly

With this final delivery, the supply of machinery for the expansion of what will be the world's largest plant for the manufacture of submarine power cables is completed.

FLYMCA was present at the Düsseldorf fair in April and also at the Milwaukee fair during May this year. The company will also take part at the Shanghai fair in September from September 21 to 24, at stand E1B40. The team will also be at the Mumbai fair in India next December.

www.flymca.com

BHAG Digital: How AI Is Managing the Cable Factory



Artificial Intelligence is rapidly becoming the defining technology of modern manufacturing. In the cable industry, its role extends far beyond automation or data analytics. This new operating model is shaping what we call the Cognitive Cable Factory, where AI orchestrates planning, production, quality, maintenance, energy management and the supply chain as one intelligent manufacturing ecosystem.

Imagine a cable factory where Artificial Intelligence continuously analyses production data in real time, detects hidden losses, predicts bottlenecks before they occur, recommends the next best action and supports decision-making across every level of the organisation. This is no longer a vision of the future. It is the direction in which the cable industry is moving.

For decades, manufacturers competed through better machines, higher speeds and greater production capacity. Those advantages remain essential, but they are no longer enough.

The next competitive advantage will not be machine speed. It will be the speed at which the factory understands what is happening, predicts what comes next and makes the right decision.

That is exactly what Artificial Intelligence makes possible.

Imagine receiving a strategic customer order worth millions. Before your management team gathers for the first meeting, AI has already evaluated production capacity, material availability, machine constraints, delivery feasibility and profitability. Instead of relying on disconnected systems, spreadsheets and delayed reports, AI orchestrates manufacturing operations, coordinates information across the enterprise, anticipates production risks, prioritises decisions, synchronises planning with execution, recommends the next best action and continuously learns from manufacturing data.

The Cognitive Cable Factory represents this new operating model. AI does not replace engineers, operators or managers. It strengthens their decisions by providing complete operational awareness and intelligent recommendations based on the entire manufacturing ecosystem.

At BHAG Digital, we believe the future of cable manufacturing belongs to cognitive factories powered by Artificial Intelligence. Through factory.online and BEEDIGIT, we help manufacturers build the digital foundation that enables AI to coordinate operations, accelerate decision-making and continuously optimise manufacturing performance.

The factories that lead the next decade will not simply produce cable faster.

They will think faster.

And Artificial Intelligence will become the intelligence behind every critical manufacturing decision.

Meet BHAG Digital at wire China 2026.

www.bhagdigital.com



Oleksandr Mykhailov, CTO and Co-Founder of BHAG Digital, presenting BHAG Digital's vision for the Cognitive Cable Factory at the CRU Wire & Cable Connections Summit.

Pakistan Cables Secures Historic KEMA Certification for 35kV Medium Voltage Cables – First in Pakistan

Pakistan Cables Ltd (PCAL), the nation's premier cable manufacturer, has become the first company in Pakistan to successfully pass the rigorous KEMA type test for 35kV medium voltage (MV) cables.

This milestone marks the first time a cable of such high-voltage grade manufactured in Pakistan has been certified by KEMA. The KEMA type test, which is conducted in the Netherlands, is the global gold standard in energy testing.

For decades, Pakistan Cables has been synonymous with uncompromised quality. By securing this prestigious seal of approval, the company not only elevates domestic manufacturing capabilities but also reinforces its position as Pakistan's largest exporter of wires and cables.

A legacy of true leadership

Pakistan Cables holds the distinct honour of being the first wires and cables manufacturer in Pakistan to attain a KEMA certification back in 1984. The latest 35kV achievement puts a definitive stamp on the company's quest to continue to lead and innovate.

Commenting on this landmark achievement, Fahd K. Chinoy, CEO, Pakistan Cables, stated:

"Securing the KEMA certification for our 35kV medium voltage cables is a triumph for our team and a proud moment for Pakistan. In 1984, we pioneered the KEMA standard in Pakistan. Today, we have stretched the horizon of what is possible locally. This achievement is not just a certificate; it is an enduring promise of safety, performance and world-class capability."

Elevating the infrastructure standard

The KEMA certification provides an independent, globally recognised validation that Pakistan Cables' 35kV MV cables can withstand extreme operational stress, ensuring maximum safety, reliability and longevity for major infrastructure, industrial and utility projects.

As an icon of quality, Pakistan Cables continues to blend its rich heritage with forward-looking innovation, ensuring that the nation's grid is powered by sophisticated, world-class engineering and that it continues to lead the way for cable exports.

www.pakistancables.com

YOUR NEXT PARTNER IN WIRE DRAWING CERAMICS



Bringing 60 years of advanced ceramic expertise to the wire drawing industry with our dedicated production facilities in Germany and Portugal.

Maximum Performance in Wire Drawing – Your Benefits with Rauschert

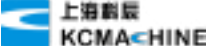
- longer machine lifespan & reduced costs
- maximum wear resistance
- reduced downtimes & higher process security
- extended tool use
- supplier for all German OEMs

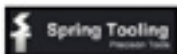
**DO YOU HAVE A CHALLENGE?
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 General Mechatronics					
					
					
					
					
					
					
					
					
					
					
					
					
					

IWMA INSIDER

EXCLUSIVE

Advertising and PR Opportunities for Members in 2026/27



All IWMA members benefit from complimentary editorial coverage in IWMA Insider.

In addition, there are a range of advertising opportunities available in each edition – the perfect way to showcase your products, services or upcoming events to a global audience of wire and cable professionals. Plus, with the magazine showcased at leading wire exhibitions worldwide, your brand will be seen by industry decision-makers across the globe!

Available Advertising Options

Full Page • Half Page - Horizontal/ Vertical • Third Page - Horizontal • Quarter Page - Horizontal/ Vertical

2026/27 SUBMISSION DEADLINES

September 2026 Issue: **wire China Edition**

PR/editorial deadline: 5 August
Advertisement deadline: 12 August

November 2026 Issue: **wire India Edition**

PR/editorial deadline: 7 October
Advertisements deadline: 14 October

January 2027 Issue: **wire Mexico Edition**

PR/editorial deadline: 17 December
Advertisements deadline: 24 December

March 2027 Issue: **wire Eurasia/Interwire Edition**

PR/Editorial deadline: 17 February
Advertisements deadline: 24 February

June 2027 Issue: **The Mid-Year Edition**

PR/Editorial deadline: 26 May
Advertisements deadline: 02 June

September 2027 Issue: **wire Southeast Asia Edition**

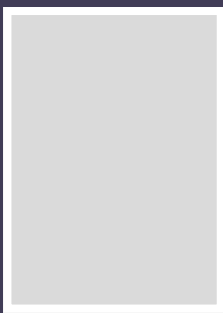
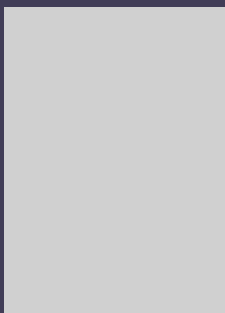
PR/editorial deadline: 04 August
Advertisements deadline: 11 August

November 2027 Issue: **2027 in Review Edition**

PR/Editorial deadline: 27 October
Advertisements deadline: 03 November

Full Page with Bleed

W210 mm x
H297 mm

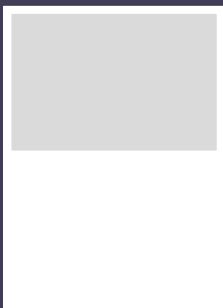
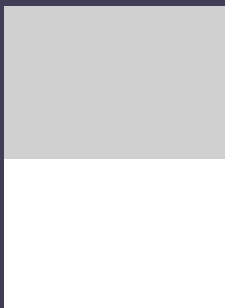


Full Page Boxed

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H282 mm

Half Page Horizontal with Bleed

W210 mm x
H148 mm

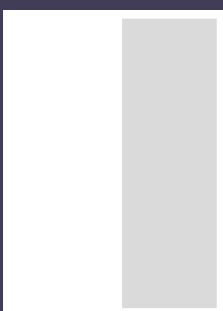
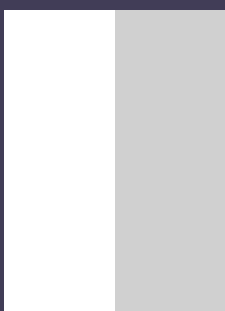


Half Page Horizontal Boxed

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H141 mm

Half Page Vertical with Bleed

W102.5 mm x
H297 mm

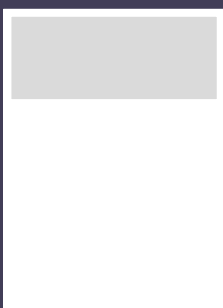


Half Page Vertical Boxed

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H282 mm

Third Page Horizontal with Bleed

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H99 mm

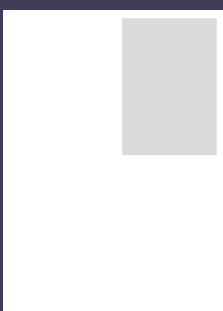


Third Page Horizontal Boxed

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H94 mm

Quarter Page Vertical with Bleed

W102.5 mm x
H148 mm

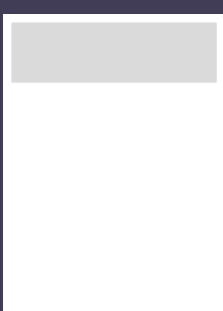


Quarter Page Vertical Boxed

W97.5 mm x
H141 mm

Quarter Page Horizontal with Bleed

W210 mm x
H73 mm



Quarter Page Horizontal Boxed

W195 mm x
H70.5 mm

IWMA Insider Advertising Specifications

Adverts to be supplied as print-ready CMYK PDFs or JPGs with no crop marks and must be high resolution (300 dpi).

.....

All pictures and colour files should be in CMYK format. We do not accept responsibility for any pictures or materials supplied in RGB format.

.....

For full-bleed adverts, please ensure that all important information is set at least 7.5 mm from the margin to prevent it from getting lost in the spine.

.....

Please supply final artwork pdf without crop or bleed marks.

The quality of any supplied adverts that do not meet these requirements cannot be guaranteed.

To secure your advertising space or find out more, contact jason@iwma.org
For PR support and to submit editorial for consideration, contact olivia@iwma.org

Why JOIN the IWMA?

Become
an IWMA
member



Connecting, Supporting and Promoting the Global Wire and Cable Industry

In an increasingly competitive and fast-evolving global market, the value of strong industry connections and trusted representation has never been greater. IWMA exists to connect, support and promote companies operating across the global ferrous and non-ferrous wire and cable industries, providing practical benefits, meaningful networking opportunities and global visibility.

But what does IWMA membership really offer and how can companies get involved?



A global industry network

At its core, IWMA membership is about connecting expertise.

With corporate members spanning manufacturers, suppliers, service providers and industry specialists worldwide, the association creates valuable opportunities to build relationships that support business growth. Through networking events, exhibition pavilions, technical conferences and social gatherings, members gain access to a powerful international community.

From major exhibitions such as wire Düsseldorf, wire China, wire India and wire Southeast Asia to regional networking receptions and technical seminars, IWMA provides platforms where members can meet customers, partners and peers face to face.

Increased visibility and promotion

Visibility within the wire and cable sector is essential and IWMA actively promotes its members throughout the year across multiple platforms.

Membership includes:

- A company profile in the online IWMA Member Directory
- Opportunities for editorial coverage in *IWMA Insider* Magazine
- Social media promotion across IWMA channels
- PR and news-sharing opportunities
- Access to exhibition and event marketing initiatives

Through our official IWMA Wire & Cable member magazine, *IWMA Insider*, members can share company news, technical developments and industry insight with a highly targeted global audience.

For companies looking to raise their profile within the wire and cable sector, IWMA membership provides a credible and respected platform.

Exhibition and event advantages

IWMA is recognised for its strong presence at key international exhibitions.

Members benefit from:

- Opportunities to exhibit within IWMA Member Pavilions
- Speaking opportunities at technical conferences
- Access to exclusive member networking events

The IWMA exhibition stand has become a recognised hub for networking and hospitality, helping members maximise their return on investment.

Supporting the next generation

IWMA is also committed to investing in the future of the industry. Exclusive member initiatives such as the IWMA Education Award and Young Employee of the Year Award highlight and support emerging talent, reinforcing the association's role in strengthening the sector long term.

A trusted industry voice

With decades of industry involvement, IWMA acts as a

collective voice for its members. The association works closely with wire exhibition organisers Messe Düsseldorf and other industry partners to ensure members' interests are represented and opportunities are maximised.

Exclusive wire China 2026 membership offer

Thinking long-term? So are we. Join IWMA during **September 2026** and enjoy the **remainder of 2026 free** when you take out a **3- or 5-year IWMA membership**.

A longer-term membership enables you to build lasting international relationships, maximise your membership benefits and enjoy uninterrupted access to IWMA's global network, events and industry insight.

Getting started is simple:

- Complete the online application form
- Submit your company details
- At checkout, select **'Pay by Invoice'** and enter **CHINA2026** in the **Order Notes** to claim your **free membership for the remainder of 2026** on a **3- or 5-year membership**
- Start enjoying exclusive member benefits and global industry exposure

For full membership details or to apply, visit: **www.iwma.org/membership**

Alternatively, contact Lauren Lester at **lauren@iwma.org** for further information.

Get involved – join our community today!

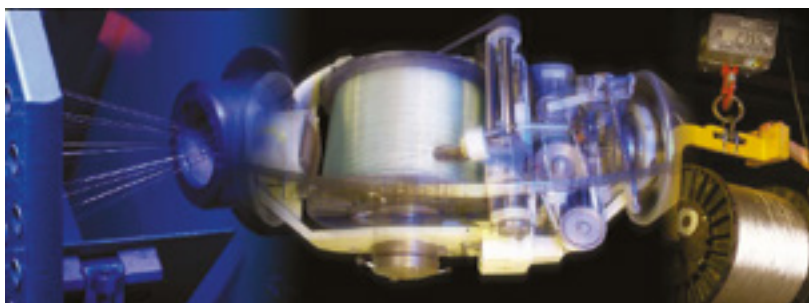
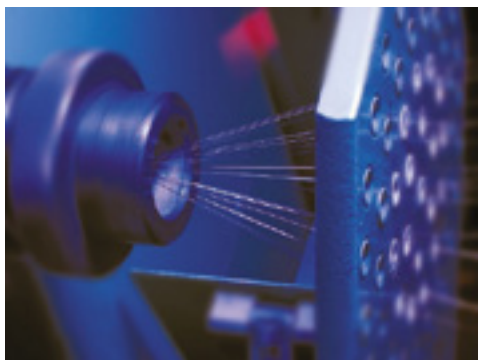
Whether your objective is to increase visibility, strengthen industry connections, participate in global exhibitions or support the next generation of talent, IWMA membership offers tangible value.

By joining IWMA, companies don't just become members – they become part of a global network dedicated to advancing the wire and cable industry.



Temco

Wire Products Limited



Product Range

- 27%- 2% Nickel Plating
- Silver Plating
- Single wire drawing
⇒ 0.050 – 1.80mm
- Multiwire drawing
⇒ 0.10-0.30mm
- Stranding bunching & rope stranding
⇒ 0.025 – 4.00mm²
- Multiend bobbin winding
- Annealing

Resistance wires for heating

APPLICATIONS

- Aerospace
- Automotive
- E-Mobility
- RF/HF Technology
- Heating applications
- Miniaturisation

Temco Wire Products Limited
Whimsey Industrial Estate
Cinderford
Gloucestershire
GL14 3HZ
England
Tel : +44 (0)1594 820100
Email: Sales@temco-wire.com
For more information visit <https://temco-wire.com>



Customer Driven



CONNECTED ALL OVER THE WORLD

Being customer driven both technologically and geographically is a unique combination. NIEHOFF seizes this combination and thus achieves a thorough understanding of our customers' needs, processes, and markets.

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1961
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GERMANY

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BRAZIL

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SWEDESBO
USA

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TOKYO
JAPAN

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SINGAPORE

1994
SHANGHAI
CHINA

1997
HYDERABAD
INDIA

2001
NYMBURK
CZECH REPUBLIC

2011
CHANGZHOU
CHINA

2013
MOTALA
SWEDEN

2017
BARCELONA
SPAIN

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