

# FORGING ALLIANCE

20 - 22 SEPTEMBER 2023 • BANGKOK, THAILAND • BITEC, HALL 103 & 104



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# FORGING AHEAD IN SOUTHEAST ASIA

The synergistic industries of wire, tube, foundry technology, and metallurgy, take centre stage in Thailand against the backdrop of a dynamic region's buoyant growth sectors



**S**outheast Asia boasts one of the world's most diverse economies, spanning across 4.5 million square kilometres with a population of 675 million people. In 2022, its total Gross Domestic Product (GDP) amounted to US\$ 900 billion and currently it is the 7th largest economy globally. By 2050, Southeast Asia is projected to climb to the 4th spot. Consequently, the region is prioritising infrastructure development, with the Master Plan of ASEAN Connectivity 2025 highlighting sustainable infrastructure, cross-border connectivity, and mobilisation of private capital as key areas of focus.

With capital projects, priority infrastructure development in energy, road, rail, water and others, as well as industrial modernisation expansions in Southeast Asia expected to proceed on schedule, the demand for reliable machinery and technology, a need for cost-effective equipment and solutions, high-quality raw materials, and engineering services is projected to rise. Specialist trade events such as wire and Tube Southeast Asia, GIFA and METEC Southeast Asia all scheduled to hit the trade fair circuit in Thailand from 20-22 September 2023 are expected to stimulate investment decisions in the region, as economies make progress and pent-up demand gains momentum. Overall, Southeast Asia's strong population and economic growth, increasing consumer spending, and rapid urbanisation plans make it an attractive market for businesses looking to expand their footprint in the region.

## THE REGION'S GROWTH SECTORS



ASEAN countries will continue to see strong structural steel demand growth. The return of tourism and the restart of delayed infrastructure projects, in particular in Indonesia, Philippines and Vietnam, should further drive stronger growth. The most important sectors contributing to the region's steel consumption are energy generation, transport, construction/civil engineering and steel/metal packaging, making the demand for metallurgy and casting technology particularly robust in the region.



### Construction

The Emerging Asia region is projected to experience the highest construction market growth in the next 15 years, housing the top four national markets: the Philippines, Vietnam, Indonesia, and Malaysia. The region's industry growth will be further propelled by an acceleration in public investment projects.



### Automotive

Thailand continues to be the regional vehicle production and export base for some of the world's top car makers, including Toyota and Honda. Indonesia is home to ASEAN's largest market for two-and-four-wheel vehicles. Thus, the die casting technology market will see significant growth potential.



### Energy

ASEAN is the world's fourth-largest energy consumer. Its current energy structure is skewed towards traditional forms of power generation, with fossil fuels making up 83% of its energy mix, and energy demand is expected to increase with the population rise.

## SOUTHEAST ASIA EMERGES AS A POWERHOUSE IN THE GLOBAL ENERGY MARKET

The region is rapidly becoming one of the world's fastest-growing energy and power markets. The International Energy Agency predicts that energy demand will increase by up to 60% by 2040, with coal remaining a primary source of energy in the region. The growing population and rapid industrialisation are fuelling the demand for electricity, which is expected to boost the share of the wire and cable market across the Asia Pacific region.

The pressing need to address climate change and decrease dependence on non-renewable energy sources has sparked a significant increase in renewable energy investments. The Southeast Asian region has experienced a notable surge in renewable energy projects, including solar, wind, and hydropower, signalling a promising transition towards a more sustainable future. This renewable energy revolution offers both economic and environmental advantages, generating new employment prospects and promoting sustainable growth throughout the region. Thailand introduced the Feed-in Tariff (FiT) scheme and National Energy Plan (NEP) 2022 to hasten the country's transition to clean and green energy to meet net zero emission goals.

# 4 SYNERGISTIC TRADE FAIRS, 1 VENUE



Together the co-located trade fairs of **wire and Tube Southeast Asia**, **GIFA and METEC Southeast Asia** will present a comprehensive spectrum of products and solutions across the wire, cable, tube and pipe sectors, to additive manufacturing, casting machines to processing equipment and new technology across user industries such as - automotive, building and construction, energy and gas, to users from metal and steel plants.



15<sup>th</sup> International Wire & Cable Trade Fair for Southeast Asia



14<sup>th</sup> International Tube & Pipe Trade Fair for Southeast Asia

## BITEC, Bangkok, Thailand



2<sup>nd</sup> International Foundry Trade Fair and Forum for Southeast Asia



2<sup>nd</sup> International Metallurgical Trade Fair and Forum for Southeast Asia

# WHY SOUTHEAST ASIA



In 2023 Worldsteel expects ASEAN steel demand to increase 6.2% to 77.1mt, while in 2024 it could grow another 5.7%.



Thailand, Indonesia, Malaysia, Vietnam, and the Philippines continue to be major producers and exporters of metals and metal products.



Rise of renewable energy and electric vehicles is creating new opportunities in the production of materials like lithium, cobalt and nickel

Thailand

Vietnam

Philippines

Malaysia

Indonesia

# SELECTED PRODUCT HIGHLIGHTS

## HITACHI HIGH-TECH ANALYTICAL SCIENCE

Dedicated to providing affordable high-performance metals analysis with their OE750 and NEW OE720 OES metals analyzers. These ground-breaking solutions cover the complete spectrum of elements in metal\*, with low detection limits and state-of-the-art multi-CMOS technology, delivering accurate and reliable results for a wide range of applications.

Booth No.: A23



## HYTEK CAST CO LTD

A renowned and trusted one-stop manufacturer, recognized by world-class customers for our exceptional product quality and strong reputation. With expertise in die casting, gravity casting, CNC machining, passivation, surface treatments (powder coating & wet paint), and assembly, we offer comprehensive manufacturing solutions tailored to your needs. Our state-of-the-art facility is equipped with advanced machinery, robot arms, and integrated cloud ERP system, ensuring efficient and precise production. Complemented by our rigorous quality inspections, we guarantee excellence at every step.

Booth No.: C42



## SMS GROUP

Consisting of globally operating companies in plant and mechanical engineering for steel and non-ferrous metal processing, all operating under SMS Holding GmbH. The family-owned business is now in its fourth generation, the company is known for its strong market position, sense of responsibility, and high-performance products and services that are customized to meet the individual needs of customers.

Booth No.: C39



## AJEX TURNER AND WIRE TECHNOLOGIES PVT LTD

Manufacturer of toolings for wire and cable industries since 1962, they specialize in making VNT Nano/PCD/ND/Carbide dies for drawing, bunching, and compacting for different ferrous & non-ferrous wire industries, as well as multiwire drawing set for SAMP & NEIHOFF. They also produce shape dies/TW sector shape rollers & dies, and lubricants for ferrous and non-ferrous wire industries.

Booth No.: G01



## CHENG I WIRE MACHINERY CO LTD

Professional manufacturers of Wire Drawing Machines, Non-Stop Coilers, Wire Descaling Machines, and more. Their equipment features a well-organized electrical cabinet and SIEMENS PLC control for optimal performance. The wear-resistant drawing drum ensures durability, and their advanced human-machine interfacing control touch-sensing screen makes operations user-friendly.

Booth No.: G32



## CONTROLE MESURE SYSTEMES

A leading Non-Destructive Testing (NDT) company that has been in the industry for nearly 35 years. They specialize in designing and developing a full range of high-performance equipment, including ET and UT instruments, rotating heads, probes (ET), and transducers (UT), and a full range of accessories. With knowledge in mechanical and electrical design, they provide customized turnkey systems while handling all stages of a project.

Booth No.: K12



## CSM METALURJİ LTD. ŞTİ.

Your one-stop-shop for designing high-efficiency plants for producing steel wires and related products. They offer services that cover all stages of production, installation, commissioning, and marketing. With extensive process experience, they design and produce the most suitable machines and process equipment for the steel wire industry. Their expertise lies in wire drawing, galvanizing, patenting, and phosphate coating processes, making them the go-to choice for your steel wire needs.

Booth No.: J33



## DRUIDS PROCESS TECHNOLOGY S.L.

Based in Barcelona, DRUIDS specialized in providing innovative, emissions-free hot-dip galvanizing lines for wire production. Their technology eliminates the use of strong acids and hazardous chemicals. DRUIDS has over 20 lines operating across five continents and has produced more than 4 million tons of galvanized wire, making them a leading manufacturer of advanced machinery. They also offer roll-drawing lines, rolling cassettes, and packaging lines for wire coils.

Booth No.: K10



## E&W INDUSTRIAL SERVICE CO LTD

Specialize in providing comprehensive Centrifuge Separator services, E&W Industrial Service technology leverages centrifugal force to eliminate unwanted impurities and bacteria from used liquids, such as coolants, emulsion, and oil, thus reducing production costs, improving product quality, and extending the lifespan of production machines or drawing dies.

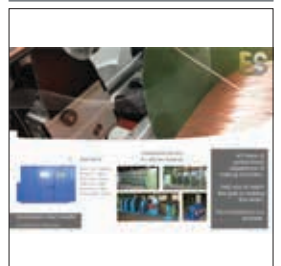
Booth No.: H42



## ENSHIANG MACHINERY ENTERPRISE CO LTD

With the introduction of the new ES series for electrical pitch changing, they improved performance and efficiency designed to meet the changing needs of customers. The ES series provides greater control and flexibility in operations.

Booth No.: G32



**FIB BELGIUM SA**

A world leader in supplying heating and coating process lines, including patenting, galvanizing, oil tempering, and annealing lines, as well as hot dip galvanizing plants for pieces. Their equipment is designed with a focus on energy transition, water savings, CO2 emissions reduction, alternative electrical heating technologies, and safety for operators. They also prioritize a more friendly Human Machine interface, compactness, remote support, and diagnosis for their customers.

Booth No.: F06 



**JINSHUNHAO ABRASIVES CO LTD**

An ISO-9001 certified manufacturer of high-quality abrasive products. Their range includes Flap Wheels, Slashed Flap Wheels, Flap Wheel with Shank, Cross Pads, Abrasive Belts, Non-Woven Mops, Cotton/Sisal Buffs, and more. The company's strong R&D ability allows for continual product innovation and improvement. Their products are suitable for use in SS Tubes, Pipes, Fittings, and SS Plates, Coils.

Booth No.: G46 



**GLOBAL DREAM STEEL CO LTD**

Specializing in manufacturing and distributing ERW steel pipe, precision drawn steel pipe, steel round bar, seamless steel pipe, aluminium and more, Global Dream Steel is committed to providing you with small quantities to large batch production with the fastest delivery time. Set your requirement from small to large diameters, and they will fulfil it.

Booth No.: A36 



**KO YING HARDWARE INDUSTRY CO LTD**

A Taiwan-based company that specializes in the production of high-quality fasteners for various industries. They produce a wide range of fasteners specifically designed for use in motorcycles, including bolts, nuts, screws, and washers. They also produce fasteners for the automotive, construction, and furniture industries. The company's experienced team of engineers and technicians can work with customers to develop custom fasteners that meet their specific requirements. This includes fasteners with unique shapes, sizes, and materials.

Booth No.: H39 



**GOLDEN SPOT INDUSTRY INC.**

As the leading brand of spot welding machines in the Asia Pacific region since 1977, Golden Spot Industry is committed to maintaining quality control throughout the entire production process, from design to the finalization of machine lines. Their R&D team holds nearly 40 patents for advanced technology used in their machines. The company has earned CE and ISO-9001 (R&D) certifications, ensuring a high standard of professional services and top-quality machines.

Booth No.: G34 



**LÄMNEÅ BRUK AB**

Experience efficient and high-quality wire production with their groundbreaking No Twist Coiler (NTC) technology. This innovative solution accelerates wire drawing and uncoiling processes with a unique coiling technique that differentiates it from traditional gooseneck and spooling machines. Achieve perfect pattern-laid coils up to 4.5 tons in inverted carriers for convenient shipping options and fewer stops when uncoiling. Benefit from unlimited speed, reduced scrap wire, and operator-friendly processes with a straightforward cast and helix setup. Revolutionize your wire production and elevate your operations with the No Twist Coiler Technology.

Booth No.: G17



**HISEN ENTERPRISES CO LTD**

A pioneer in the field of transistor generators for pipe welding, heat treatment, and high-frequency machines in Taiwan with certified ISO-9000 and ISO-14000. The company has implemented groundbreaking improvements, such as the integration of SiC MOSFETs, resulting in significant improvements in output, efficiency, and speed. These modifications have also resulted in a reduction in power consumption and the physical size of the welder.

Booth No.: G42 



**LIOA HIGH TECH JOINT STOCK COMPANY**

A prominent electrical products manufacturer with a global presence in 50 countries. With a remarkable capacity of up to 40,000 MT copper per year, they can easily meet the demand for copper products such as copper rods, copper drawn wire, copper stranded, busbar, and magnet wire. They have over 30 years of experience, and has emerged as the largest copper manufacturer in Vietnam and Southeast Asia in the last five years.

Booth No.: F28 



**HOREN INDUSTRIAL CO LTD**

Horen Industrial is a leading machine manufacturer from Taiwan with expertise in creating superior Cold Drawing lines featuring several advanced features like swaging, cold drawing, and straightening machines. Their cutting-edge manufacturing line is designed to cater to various materials including brass, aluminium, stainless steel, and steel alloys. They also have a strong business partnership with Chian Dai International to offer exceptional brass tube drawing services in Thailand.

Booth No.: H39 



**MADEM SA**

A leading producer of nailed wooden reels with headquarters in Brazil and manufacturing plants in several countries, including Spain, Bahrain, USA, Mexico, and Colombia. Since 1949, Madem Reels Group uses highly advanced technology to manufacture a variety of wooden reels ranging from 500mm to 3200mm in large volumes. Their wooden reels are of high quality, environmentally friendly, and enhanced by ISO 9001 & 14001 certifications. All their drums are made with renewable KD wood with HT stamped as well as PEFC/FSC stamped.

Booth No.: G09



**NBG SYSTEMS GMBH**

A prominent provider of personalized fiber optics solutions for system integrators and application experts. Their cutting-edge fiber optic products and services cover the entire value chain, from fiber in metal tubes to sensing cables, FBG sensors, interrogation units, and connectivity solutions. NBG specializes in Structural Health Monitoring of critical infrastructure, such as bridges, tunnels, dams, and buildings.

Booth No.: F24

**SUZHOU WEIJING AUTOMATION**

Provider of top-quality machines, including degating, grinding, and pouring machines. Their degating machines cover vertical and horizontal wedge, and degating hammer for iron or steel alloy castings. Their grinding machines include 2, 3, and 5 axis grinders for round and non-round parts. Their pouring machines can work perfectly for vertical and horizontal molding lines. Choose Weijing for reliable and efficient machines.

Booth No.: C41

**PIONEER MACHINERY CO LTD**

Founded in 1973 in Taipei, Pioneer is a professional manufacturing company that specializes in complete automation solutions for the electrical wire and cable industry. They offer a variety of services and support, including consulting, turnkey plant solutions, machine line automation upgrades, and CCV lines to help their customers achieve their goals.

Booth No.: H31

**UNION IRON & STEEL LLC**

The Union Iron & Steel LLC focuses on galvanizing, which is a technique for applying a protective zinc coating to steel wire to prevent rusting. The resulting galvanized or Bright wire is made from low-carbon steel wire, and is produced using a sustainable system that avoids the use of pickling systems and acid. The wire is drawn using state-of-the-art straight-line dry drawing machines, and is subject to in-line quality control to ensure consistent diameter and a smooth surface finish.

Booth No.: J42

**SCHLATTER INDUSTRIES AG**

Leading international manufacturer of comprehensive production solutions for reinforcement mesh, industrial mesh, and wire production. They provide advanced products and complete solutions that deliver high customer value, and have a global sales and service network, as well as quality spare parts.

Booth No.: L18

**UPCAST OY**

A leading supplier of the UPCAST® technology and provider of continuous casting technology for copper, copper alloy and non-ferrous metal rod and tube production. Their technology has been in use since 1968 and is designed for both new and recycled materials. Their productions are designed with 100% recycled material strongly committing to sustainability and are continuously working to reduce its environmental impact.

Booth No.: J31

**TAYMER INTERNATIONAL INC**

Offers advanced inspection systems that detect surface and diameter defects, poor print quality, missing print, cable wrapping defects, and inspect surface color quality. These systems can be customized to meet specific needs for maximum accuracy and efficiency.

Booth No.: E20

**YULCHON KOREA, MEXICO, POLAND**

A specialized manufacturer of Cold-Drawn Carbon Steel Tubes (DOM Tube) for various automotive applications, including steering columns, rack and pinion steering gears, propeller shafts, gas cylinders, gas springs, hydraulic cylinders, shock absorbers, and bushings. Their products are widely used in the automotive industry in Korea, Mexico, and Poland.

Booth No.: B42

**TRU-CUT SAW INC.**

They have recently released a new line of tube mill saw blades featuring their latest carbide grade and a newly developed nanocomposite PVD coating. The line includes the Genesis SPM blade for single blade cut off applications, the Genesis SCM blade for scarf cutting applications, and the Genesis ORB blade for dual and quad ERW tube mills cutting applications.

Booth No.: D41

**ZUMBACH ELECTRONIC AG**

Their instruments provide precise measurements for diameter, ovality, wall thickness, concentricity, cross-section, shape, capacitance, and more. On-line production monitoring and inspection help reduce production faults and downtimes. With continuous analysis and quality monitoring, they ensure reliable and efficient production processes. Choose our instruments for improved production quality and reduced downtimes.

Booth No.: F46



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# SNEAK PEEK:

## CHECK OUT SOME OF OUR EXHIBITOR LINEUP!

<b>B</b>	BLACHFORD CORPORATION	USA	<b>N</b>	NEW CHIEN TE HANG CO LTD	TAIWAN
	BORACEM	KOREA	<b>O</b>	OMNI-X BENDING PVT LTD	INDIA
<b>C</b>	CASTOOL 180 CO LTD	THAILAND	<b>P</b>	PINE-PACIFIC CORPORATION LIMITED	THAILAND
	CHENG I DRAWING MACHINERY CO LTD	TAIWAN		PIONEER MACHINERY CO LTD	TAIWAN
	CHENG I WIRE MACHINERY CO LTD	TAIWAN		PRECISION EQUIPMENT CO LTD	THAILAND
	CLINTON INSTRUMENT COMPANY	USA		PROLIFIC HEATING INTERNATIONAL CO LTD	THAILAND
	CONDAT SA	FRANCE	<b>Q</b>	QES (THAILAND) CO LTD	THAILAND
	CONOPTICA AS	NORWAY	<b>R</b>	RAUTOMEAD LIMITED	UNITED KINGDOM
	CONTROLE MESURE SYSTEMES	FRANCE		REICHENBACH EQUIPMENTS	BRAZIL
	CSM METAALURJI IMALAT SANAYI	TURKEY		INDUSTRIA E COMERCIO LTDA	
	VE MÜHENDISLIK LTD STI		<b>S</b>	SAENGSWANG WORLD COMPANY LIMITED	THAILAND
<b>D</b>	DISA (CHANGZHOU) MACHINERY LTD	CHINA		SCHLATTER INDUSTRIES AG	SWITZERLAND
	DONGKYUNG STEEL WIRE CO LTD	SOUTH KOREA		SCREATE DALA TECHNOLOGY CO LTD	CHINA
	DRUIDS PROCESS TECHNOLOGY S.L.	SPAIN		SETIC S.A.S.	FRANCE
<b>E</b>	E&W INDUSTRIAL SERVICE ASIA CO LTD	THAILAND		SHANGHAI NANYANG ELECTRICAL	CHINA
	ENSHIANG MACHINERY ENTERPRISE CO LTD	TAIWAN		EQUIPMENT CO LTD	
	ESTEVEES (SHANGHAI) DIAMOND DIES CO LTD	CHINA		SINFONIA TECHNOLOGY (THAILAND) CO LTD	THAILAND
<b>F</b>	FARBWERKE HERKULA SA/AG	BELGIUM		SMS INDIA PVT LTD	INDIA
	FD MACHINERY CO LTD	CHINA		STP ADVANCE PRODUCTS CO LTD	THAILAND
	FIB BELGIUM SA	BELGIUM		SUZHOU WEIJING AUTOMATION	CHINA
	FLYMCA S.L.	SPAIN	<b>T</b>	T.FUKASE AND CO LTD	JAPAN
	FORACE POLYMERS PVT LTD	INDIA		T.J. SOLUTIONS CO LTD	THAILAND
	FORT WAYNE WIRE DIE INC	USA		TAIWAN JINSHUNHAO ABRASIVE CO LTD	TAIWAN
<b>G</b>	GLOBAL DREAM STEEL	SOUTH KOREA		TAYMER INTERNATIONAL INC	CANADA
	GOLDEN SPOT INDUSTRY INC	TAIWAN		THAI BENKAN CO LTD	THAILAND
	GOSTOL TST INDIA PVT LTD	INDIA		TOPCAST S.R.L.	ITALY
	GREENSOURCE (THAILAND) CO LTD	THAILAND		TRU-CUT SAW, INC.	USA
<b>H</b>	HAKUSAN SHOJI CO LTD	JAPAN		TSP PRECISION STEEL TUBE MANUFACTURING	THAILAND
	HISEN ENTERPRISES CO LTD	TAIWAN		(THAILAND) CO LTD	
	HITACHI HIGH-TECH ANALYTICAL	SINGAPORE	<b>U</b>	UNION IRON & STEEL LLC	OMAN
	SCIENCE GMBH SG BRANCH			UPCAST OY	FINLAND
	HOREN INDUSTRIAL CO LTD	TAIWAN	<b>V</b>	VAS SPECTROMETERS PVT LTD	INDIA
	HYTEK CAST CO LTD	THAILAND		VERSOWOOD OY	FINLAND
<b>I</b>	ITO-SIN (DEYANG) WIRE AND CABLE EQUIPMENT CO LTD	CHINA		VINSTON US CORP	USA
<b>K</b>	KO YING HARDWARE INDUSTRY CO LTD	TAIWAN		VOGE COMPOSITES, LLC	USA
	KTM TECH CO LTD	SOUTH KOREA	<b>W</b>	WAI TAK LUNG ENGINEERING FACTORY	HONG KONG
<b>L</b>	LAMNEA BRUK AB	SWEDEN		WALSON WOODBURN WIRE DIE PVT. LTD	USA
	LIOA HIGH-TECH JOINT STOCK COMPANY	VIETNAM		WIREX FZE	U.A.E.
<b>M</b>	MADEM SA	BRAZIL	<b>Y</b>	YOUNGJIN FLEX CO LTD	SOUTH KOREA
	MAILLEFER EXTRUSION OY	FINLAND		YUCHANG E&C	SOUTH KOREA
	MARPOSS (THAILAND) CO LTD	THAILAND		YULCHON KOREA, MEXICO, POLAND	SOUTH KOREA
	MASC GLOBAL INDUSTRIES	INDIA	<b>Z</b>	ZUMBACH ELECTRONIC AG	SWITZERLAND
	MIKROTEK MACHINES LIMITED	INDIA			

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As of June 2023

STAY  
TUNED!

**7 NATIONAL AND COUNTRY GROUP PAVILIONS**  
The big reveal of country names in our next issue.

# AT A GLANCE



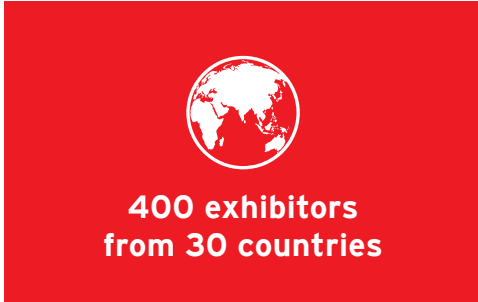
Date : 20 - 22 Sep 2023



Opening hours : 10.00am - 6.00pm (20 - 21 Sep)  
10.00am - 5.00pm (22 Sep)



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Industry partners: (wire Southeast Asia)



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