



Greener Machines. Smarter Metal Industry

THE LEADING NATIONAL TRADE FAIR FOR NEXT-GENERATION MACHINE TOOLS

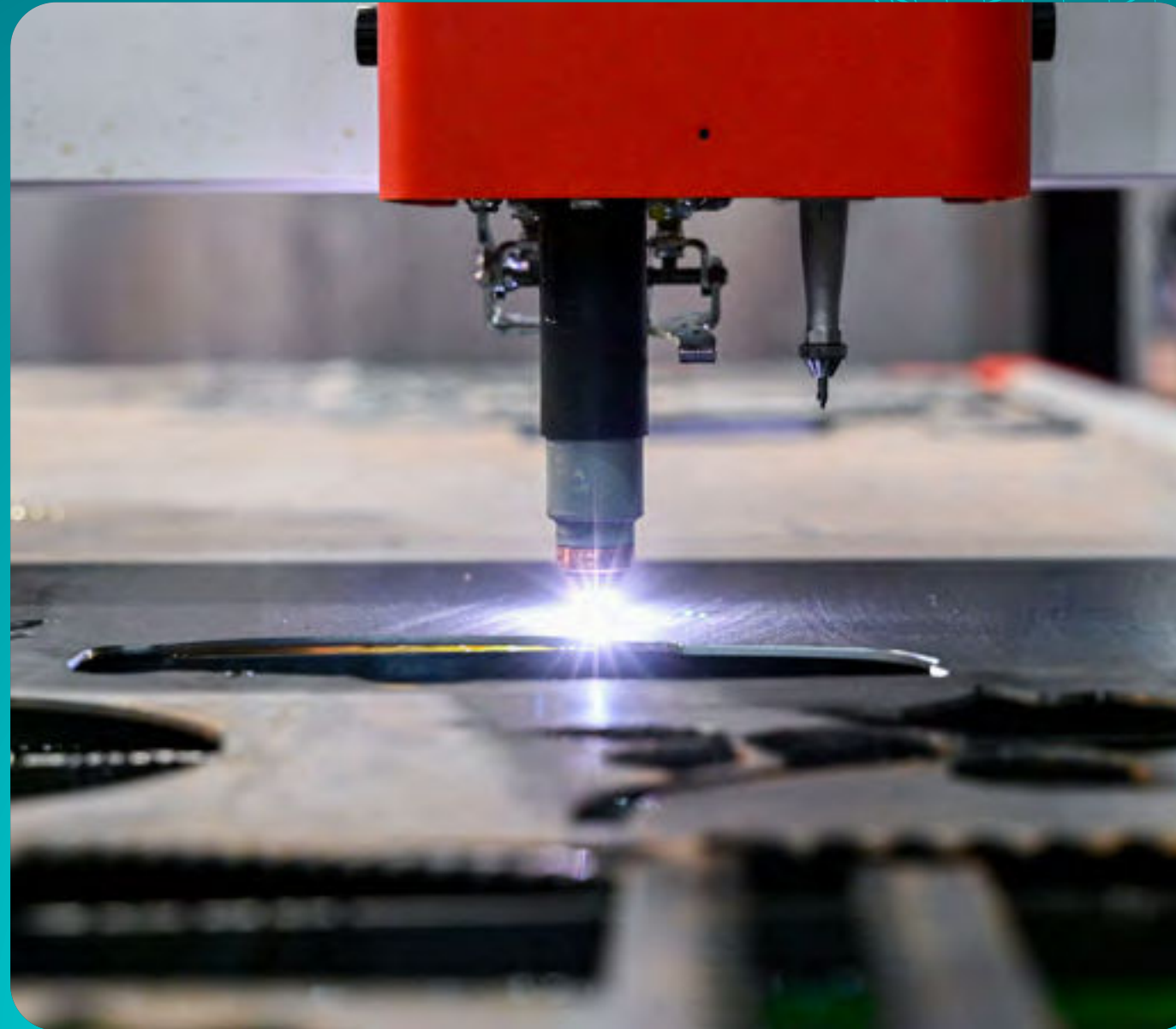
www.advancedtoolsexpo.com

A new vision for the industry

The introduction of new technologies derived from Industry 4.0, such as automation, robotics, artificial intelligence, data analytics, and connectivity solutions, has profoundly transformed the manufacturing sector. From production processes to management models, including the way we communicate and even train our workforce.

In the past year, energy efficiency has become a strategic criterion for the industry. The latest-generation, more sustainable machine tools make it possible to reduce CO₂ emissions, optimize production costs, and improve product quality, while at the same time increasing workshop efficiency and productivity. Having advanced technology is essential for companies to upgrade their equipment, make a qualitative leap, and strengthen their competitiveness in the global market.

AMT - Advanced Machine Tools is the leading event for the metal industry and an essential meeting point to discover the technological solutions that will transform production processes. Professionals,



suppliers and the auxiliary industry come together in Barcelona to explore, compare, and acquire advanced machine tools and equipment, integrating innovation, sustainability, and efficiency into every operation.

The resilience of the manufacturing industry in recent years has demonstrated its ability to adapt to economic, social, and environmental challenges. The key to maintaining this competitiveness lies in the adoption of advanced and sustainable machine tools, as well as innovative components and accessories that optimize cutting, forming, and machining processes, ensuring high-quality results and a tangible return on investment.

Held simultaneously with Advanced Factories, AMT - Advanced Machine Tools 2027 offers a showcase of innovation and advanced technology dedicated to machine tools and manufacturing solutions. The event provides companies with the tools needed to modernize their workshops and factories, reduce costs, and increase efficiency, ensuring a competitive and sustainable future for European manufacturing.



Machine tool market growth data



MACHINE
TOOL

+2.200 MM

in euros of revenue in 2025

+10%

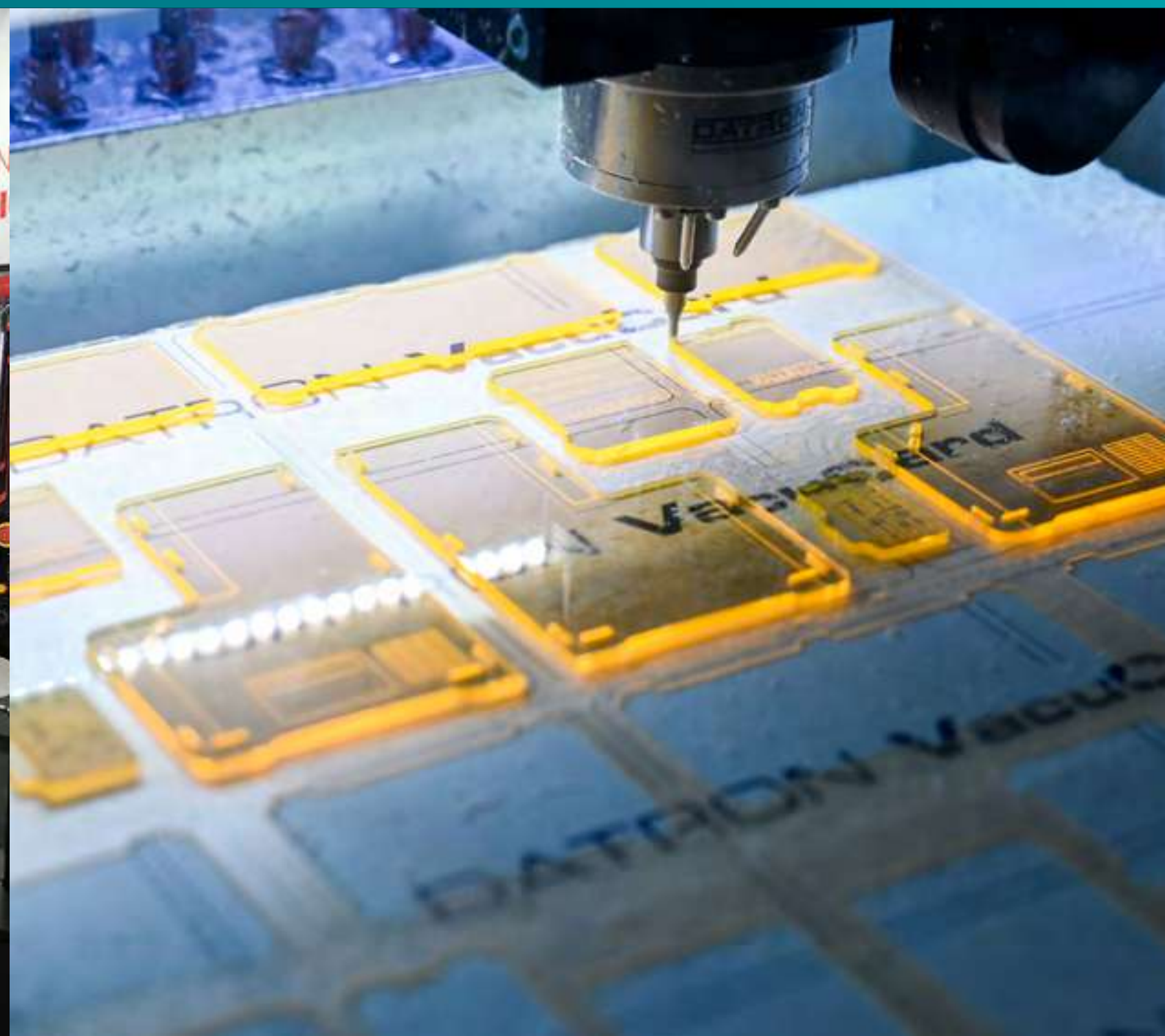
increase in revenue*

+4%

orders in 2025

1.740 M€

in exports*



Manufacturing professionals seek an industrial partner at AMT – Advanced Machine Tools



Visitor profile

MACHINING

- Die makers
- Mold makers
- Screw machine operators
- Millers
- Turners
- Grinders
- Polishers

FORMING

- Stampers
- Rolling mills
- Boiler makers
- Sheet metal workers
- Foundry workers
- Forgers
- Metal forming specialists

We bring together the leading industrial sectors

- Metallurgy and materials processing
- Automotive
- Rail and naval
- Hospitality equipment machinery
- Agricultural machinery
- Packaging and logistics
- Energy
- Aerospace and defense
- Construcción

Advanced, next-generation machinery as a productivity tool

MACHINE TOOLS

Cutting, forming, laser, drilling, chip removal (machining), shaping, plasma, milling, stamping, polishing, machining, pressing, EDM, welding, retrofitting.

INSTRUMENTATION AND TOOLS

Cutting instrumentation, hand tools, portable tools, power tools, machine tools, lubrication, sealing, filtration, microtechnology, macro-assembly, high-precision parts, process equipment, fastening systems, filtration.

COMPONENTS AND ACCESSORIES

Heads, auxiliary spindles and indexing tables, vices, drives, mechanical, hydraulic, electrical and electronic components and accessories.

AUTOMATION AND ROBOTICS

Control systems, PLCs, assembly, industrial robots, cobots, micro-robots, peripherals and robotic integrators.

INTEGRATION OF PRODUCTION SYSTEMS

MES, ERP, HMI and CHI interfaces, control systems, transfer and assembly stations, sensorization, RFID, voice assistants, machine vision.

PREDICTIVE MAINTENANCE

Vibration monitoring and analysis, fault prevention, thermography, programming, supervision, PLM, systems engineering.

INTRALOGISTICS AND TRANSPORT

Intelligent storage and palletizing systems, carousel and conveyor systems, positioning systems, autonomous ground vehicles, drones.

METROLOGY AND QUALITY CONTROL

Measurement technology, zero-defect manufacturing, optical systems, integration of metrology into production lines.

MATERIALS

Metals, plastics, composites, wood, biomaterials, ceramics, graphene, reuse and recycling.

SURFACE TREATMENT

Metallization, polishing, painting, galvanizing, PVD, DLC, CVD, industrial furnaces, surface cleaning and preparation equipment, sealing, shot blasting, and shot peening.

INDUSTRIAL SUPPLIES AND CONSUMABLES

Abrasives, adhesives and glues, seals and gaskets, filters, oils, metalworking fluids, industrial soaps and degreasers, transport fluids.

3D PRINTING

Prototyping, serial production, customization, materials, topology optimization, design, software, hardware, machinery, post-processing.

SOFTWARE

Design and simulation, CAD, CAM, CMMS, PLM, workshop management, MOM, MES, ERP, digital twin, plant and process modeling, VR/AR, virtual commissioning.

SUSTAINABILITY

Energy efficiency, energy storage systems, industrial energy management and recovery, energy cycle, renewable energy, and cogeneration.



Metal Industry 4.0 Congress

Metal Industry 4.0 Congress is the largest congress in Southern Europe where the latest trends in the metal sector can be discovered. From smart manufacturing processes driven by next-generation machine tools, automation, robotics, connectivity, and artificial intelligence applied to equipment, to success stories from leading industries and the challenges faced by each manufacturing sector and its market needs. Metal Industry 4.0 Congress is undoubtedly an essential event for professionals looking to take their factories to the highest level of competitiveness and innovation.



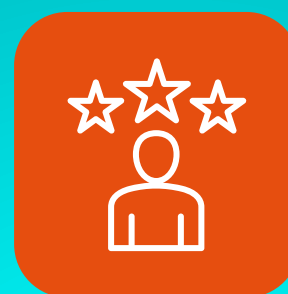
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auditoriums



+200

hours of inspiration



+140

speakers

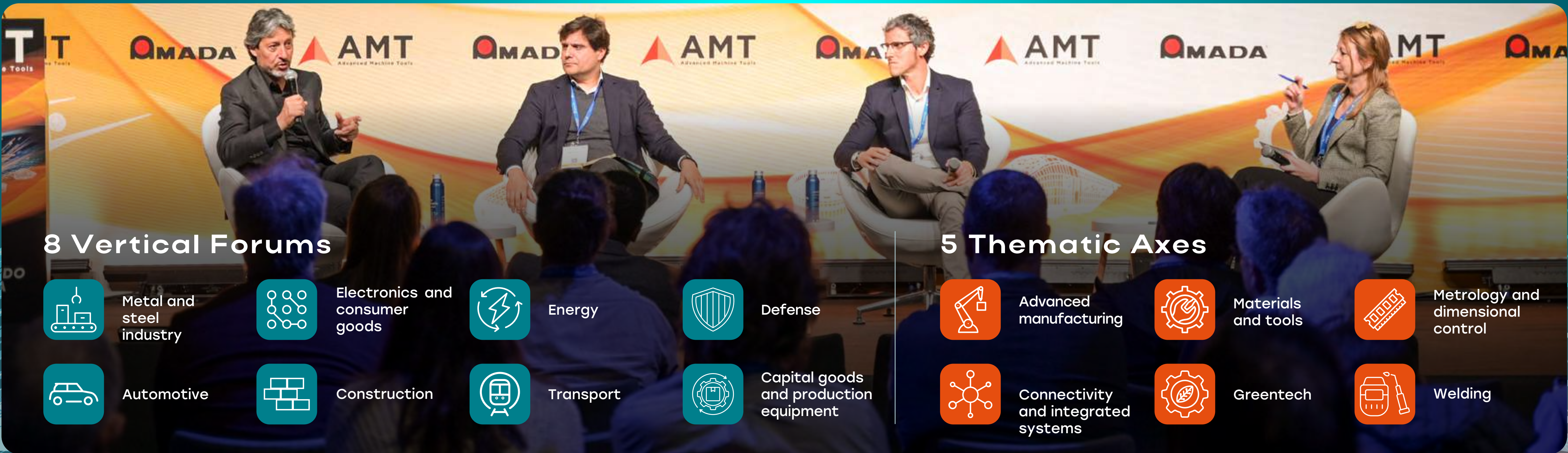


5

Side events



More
information
here



8 Vertical Forums



Metal and
steel
industry



Electronics and
consumer
goods



Energy



Defense



Automotive



Construction



Transport



Capital goods
and production
equipment

5 Thematic Axes



Advanced
manufacturing



Materials
and tools



Metrology and
dimensional
control



Connectivity
and integrated
systems



Greentech



Welding

The machine tool industry returns to Barcelona

Barcelona becomes the capital of machine tool innovation for three days. This is made possible thanks to the city's unique, dynamic, and welcoming environment, which fosters innovation and business. Barcelona offers its visitors outstanding, modern infrastructure, as well as an endless cultural and leisure agenda which, combined with the business-generating events organized by Advanced Factories and AMT - Advanced Machine Tools, will make this an extraordinary event.



**Metal Industry 4.0
Congress**



**Machine tool
demonstration area**



**Factories of the future
Awards 2027**



**Advanced factories
co-located event**



**Leadership
Summit**



**Technology
tours**



**Plant Manager's
Summit**



3D printing forum



**Industrial
Cybersecurity
Forum**



**National Congress of
Industrial Park
Managers**



**NEXT-GEN
Industry Talent**



**Automotive
innovation corner**

The leading meeting point

Request more information here 

With the opportunity to participate as a Partner, Exhibitor, or Newcomer, we present ten powerful reasons to include AMT - Advanced Machine Tools in your 2027 marketing plan:

- 1

Get in 3 days the contacts your sales network would take years to build.
- 2

Brand positioning.
- 3

Increase sales.
- 4

Generate the engagement and connection needed to build loyalty and increase sales.
- 5

Impact through regular communications via our newsletter throughout the year.
- 6

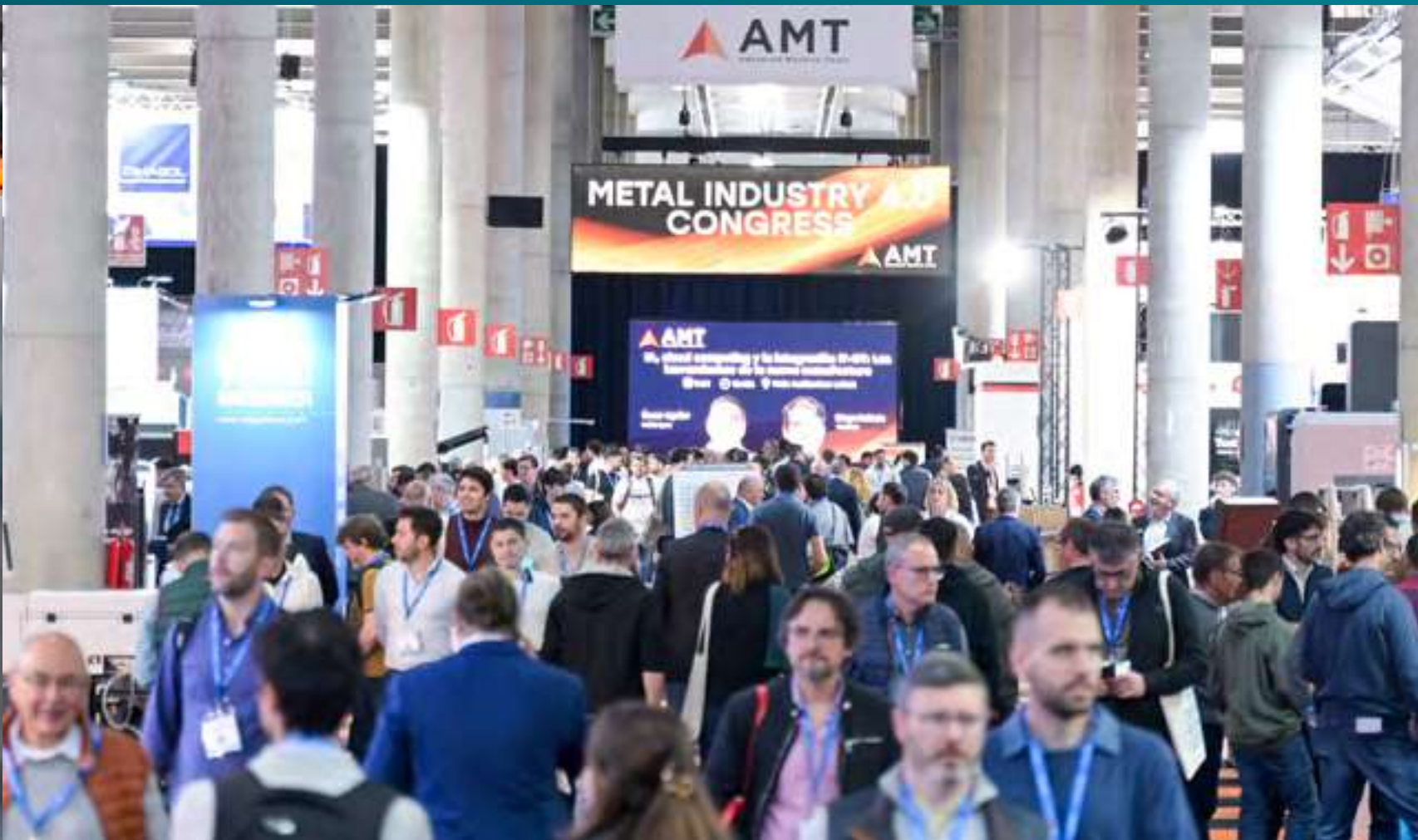
Showcase your latest innovations to your target audience, media, and key influencers.
- 7

Activate and/or accelerate the purchasing process.
- 8

B2B meetings with key decision-makers, an audience of executives that no other event can provide.
- 9

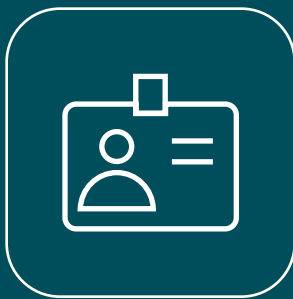
Take part in all stages of the industrial purchasing process.
- 10

Be part of a qualified ecosystem where you will be a key player.



Partner

The best option to showcase your leadership in the sector and stand out from your competitors. Place your stand in the best area of the expo, gain maximum visibility, take part in the congress, and invite your top clients and prospects, among many other actions.



Exhibitor

Showcase your products and solutions in the exhibition area to thousands of potential buyers. Choose between the Premium area for maximum visitor traffic or the Business area if you are looking to optimize your investment.



Newcomer

We understand how challenging it is to get started. That's why we offer a turnkey package so you can be present at the most innovative event in the sector with a minimal investment.



Network



Knowledge



Business Opportunities



**DELIVERING IMPACTFUL
EXHIBITIONS TO DRIVE YOUR
BUSINESS SUCCESS**

BARCELONA info@nebext.com
LISBON portugal@nebext.com
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SHANGHAI china@nebext.com
BOLOGNA italy@nebext.com

DELHI india@nebext.com
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#AMT2027



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www.advancedtoolsexpo.com

AMT is an event for:

NEBEXT
NEXT BUSINESS EXHIBITIONS