AMT
Advanced Machine Tools

31 March – 2 April 2027
Fira de Barcelona



CALL FOR AWARDS

Greener Machines.
Smarter Metal Industry

La gran feria nacional de máquina-herramienta de última generación

INDEX

1. Factories of the Future Awards 2027
2. Award organizer
3. Who can enter
4. Award categories
5. Submitting a proposal
6. Evaluation criteria
7. Evaluation process
8. Key dates
9. Prizes
10. Industrial and intellectual property rights
11. Data protection
12. Contact details



01. FACTORIES OF THE FUTURE AWARDS 2027

The **Factories of the Future Awards 2027** recognize the work, leadership and transformation of companies advancing innovation in industrial automation and digitalization. Entries may focus on business models, new products, equipment, communications management, operational processes, marketing or customer experience.

02. AWARD ORGANIZER

The **Factories of the Future Awards 2027** are organized by Advanced Factories.

The evaluation and shortlisting process will be conducted in collaboration with a technical committee of international experts.



AMT
Advanced Machine Tools

03. WHO CAN ENTER

The **Factories of the Future Awards 2027** are open to companies, universities, suppliers, executives, business schools, researchers, analysts, journalists, startups, accelerators, technology parks, innovation centers and others committed to innovation and continuous improvement in the emerging processes of Industry 4.0. They also provide a platform for sharing ideas and experiences that are gaining ground across industry.

Any organization may enter the awards if it can substantiate its entry. The awards aim to encourage and promote innovation in industrial automation. Individuals and organizations may therefore enter the **Factories of the Future Awards 2027**, provided their entries meet this aim.



04. AWARD CATEGORIES

AMT
Advanced Machine Tools

A. Leadership in the digital transformation of an industrial plant

This award recognizes industrial companies that have undergone digital transformation by introducing Industry 4.0 technologies into their operations or management. The project must have been implemented by the entry deadline. Judges will assess its impact on production efficiency, sustainability and talent attraction. Entries must include technical details of the solutions implemented.

B. Best industrial equipment or system for the factory of the future

This award recognizes supplier solutions that enable the deployment of advanced machinery or innovative digitalization, automation or robotics systems that strengthen customers' competitiveness. The products or services must have been implemented by at least two companies by the entry deadline. Entries must explain the competitive advantages achieved.

C. Best automation and robotics project in an industrial plant

This category recognizes companies, industrial firms, integrators or manufacturers that have developed automation or robotics solutions within the past two years. The project should be an outstanding example of automating or robotizing a production line or industrial plant.

D. Most disruptive startup in industry

This award recognizes new companies or ventures established less than four years ago with a value proposition in industry or manufacturing technology. Both technology providers and industrial users are eligible.

E. Best research and development project

This category recognizes research and development projects involving artificial intelligence in manufacturing and industrial production. Judges will assess projects that demonstrate the transformative impact of machine learning in applications such as computer vision, maintenance, virtual assistants and contactless solutions, including combinations with process automation or robotics. Industrial deployments, pilots and proofs of concept are eligible. Entries must state the project's start and end dates, although the project need not be complete.

F. Excellence in sustainability and the circular economy

Aligned with the UN Sustainable Development Goals, this category recognizes outstanding industrial sustainability projects. Eligible initiatives and solutions may improve process efficiency and sustainability, optimize product life cycles, or increase the recyclability and reuse of products or waste. Solutions that support decarbonization and reduce the carbon footprint of the finished product and its production process may also enter. Judges will consider the impact achieved.

G. Next-generation machine tool

This category recognizes the most innovative machine tools and technology solutions for metalworking and industry. Manufacturers of lathes, milling machines, machining centers, grinding machines, cutting and forming equipment, and other metalworking technologies may enter if their products make significant advances in precision, productivity, automation, digitalization, energy efficiency or sustainability. Judges will particularly assess technological innovation and improvements in production performance.

04. AWARD CATEGORIES

AMT
Advanced Machine Tools

- Leadership in the digital transformation of an industrial plant
- Most disruptive startup in industry
- Best industrial equipment for the factory of the future
- Best automation and robotics project in an industrial plant
- Excellence in sustainability and the circular economy
- Best research and development project
- Next-generation machine tool



05. SUBMITTING A PROPOSAL

Proposals must be submitted **before 7 February 2027** using **this form** and applicants must accept the terms and conditions in the online form.

The proposal must include an abstract of fewer than 200 words. An executive summary of fewer than 800 words is encouraged. It should explain the project's vision and objectives, describe the innovation in relation to the state of the art, and outline its benefits for the target industry. Judges will also value an account of the deployment plan, the resources required (people, roles, skills and equipment), and the changes the project brings to the companies where it is implemented.

The proposal may be supplemented with attachments and photographs in a document smaller than 5 MB. The form and supporting documents must be submitted in Spanish, Catalan or English. Proposals in other languages will not be considered.

06. EVALUATION CRITERIA

An expert jury will assess proposals for their disruptive potential and leadership. Each proposal should clearly identify:

- The project's technology area, industry sector and challenge
- Its value proposition
- Its innovation and disruptive potential
- The people involved in the project

Judges will also value a description of the project's development and scale-up timeline.

Submit your proposal!

07. EVALUATION PROCESS

The evaluation process has two stages:

STAGE 1: Eligibility check and shortlisting

The Congress Director and Advanced Factories organizers will first check whether each submission meets the stated requirements and selection criteria. Members of the Expert Committee will then evaluate proposals individually and select the finalists in each category.

Shortlisted candidates will be notified **from 24 February 2027.** If necessary, the organizers may exceptionally request additional information about a candidate's proposal.

STAGE 2: Selection of winners

The Expert Committee will meet in the days before the awards ceremony to evaluate the finalist projects and select a winner in each category. The International Committee may decide not to award a prize in any category. It may also move an entry to a different category if it considers that more appropriate.



08. KEY DATES

- **All proposals must be submitted before 7 February 2027.**
- **Applicants will be informed of the results from 24 February 2027.**

09. PRIZES

The **Factories of the Future Awards 2027** will present the winners with the following prizes:

- An individual invitation for each finalist in each category to attend the awards ceremony.
- An award recognizing the prize and category won.
- Publicity for each award through media accredited at Advanced Factories 2027 and the event's social media channels.

Submit your proposal!

10. INDUSTRIAL AND INTELLECTUAL PROPERTY

Participants are responsible for the authorship of their submitted proposals and hold the associated intellectual property and, where applicable, industrial property rights. Participants undertake not to infringe intellectual property, industrial property, copyright or image rights and accept full responsibility for any third-party claims. The organizers accept no liability in this regard.

If a proposal is selected as a finalist, the participant authorizes the organizers to share, reproduce and publish it in any format and through any medium to promote the **Factories of the Future Awards 2027.**



11. DATA PROTECTION

Because the information provided is confidential, the organizers, coordinator and members of the awards' Technical and International Committees will protect participants' identities and project details.

This also covers information about each project's current status and development.

Once a project is selected as a finalist, the organizers may publish its public details: project name, responsible organization, contact person, websites, description, purpose and category.

12. CONTACT DETAILS

For questions or suggestions about this Call for Awards or the **Factories of the Future Awards**, please contact us:

- **Phone: 00 34 93 492 38 02**
- **Email: congress.af@barter.es**

If you are interested in exhibiting or exploring other ways to participate in Advanced Factories, please contact us:

- **Phone: 00 34 919 551 551**
- **Email: exhibit@advancedfactories.com**











AMT

Advanced Machine Tools

www.advancedtoolsexpo.com



#AMT2027

PARTICIPA EN REDES SOCIALES