## SMART TECHNOLOGY FOR SMART SOLUTIONS

The 4th industrial revolution has given rise to what is known as the "smart factory" or "industry 4.0." Industries are now evolving towards computerised versions of factories, where all processes are interconnected and interact with each other.

The new challenges for industry are software development, massive data analysis systems, data storage systems, the incorporation of sensors and electronics into equipment that interacts with production processes and into the resulting products. The relationship between human beings and machines is changing, and richer information can now be obtained for better, righter decision-making.

All these trends will be on show at the 29th BIEMH.

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### **29 BIEMH** YOU MAKE IT BIG

# COMING TOGETHER TO DO BUSINESS

The 29th BIEMH is based on two parameters that are key for the period that industry is currently undergoing.

On one hand, this edition of the event is to show off the Smart Solutions offered by manufacturers and distributors in the fields of machinery, tools, components & accessories, automation, metrology, quality control, etc. On the other, it is worth remembering that the Machine-Tool Biennial is a benchmark event at domestic level and the third biggest of its kind in Europe, so by taking part in it firms enhance their own reputations as well as that of the event itself.

BIEMH 2016 is to be held on 30 May - 4 June, in a context of increased optimism and with the confidence that comes with the consolidation of industry





# EXHIBITORS: THE LEADING STARS OF THE SHOW

The participation of the world's leading machine-tool manufacturers makes this event practically unique in its field.

The BIEMH is a market driver event that shows off the latest trends and needs of industries and brings visitors up to date in the field of manufacturing.







Additive manufacturing enables desired figures and forms to be created in three dimensions by depositing successive layers of material, normally in powder form. It offers innovative applications for industry, and is set to revolutionise processes and systems for manufacturing solid bodies.

This sector made a big entrance at the previous BIEMH event in terms of both exhibitors and technical seminars, which analysed areas such as the technology, development and future prospects, business opportunities and successful case studies in different sectors, and the value of 3-D printing.







### THE RIGHT MOTTO FOR A SUCCESSFUL EXHIBITION



With a total of 1314 exhibitors from 27 countries, 12% more than in 2012, including leading international brands, new sectors, almost 800 high-performance machines, 300 new products and training presentations, the 28th Machine-Tool Biennial was a big fair that offered big solutions for doing big business.

Over 35,000 trade visitors and purchasers from 57 countries were able to see for themselves the high quality of the machinery, accessories, components and industrial equipment on display at the halls of the Bilbao Exhibition

More innovations and more products were shown by more companies, making the BIEMH a major success. Participants rated the last edition of the event as "the Biennial that points the way to recovery in the industry".



### TOTAL FIRMS PARTICIPATING

**TOTAL VISITORS** 

### PARTICIPATING SECTORS

Additive manufacturing

Automation for storage and transport

Components for dies and moulds

Control and drive systems

Corporate and workshop services

Cutting machine tools Cutting tools

Chucks holders

Dies and moulds

Electrical and electronic equipment for machine tools

Handling of workpieces and tools

Hand tools

Heat treatment equipment

Hydraulic and pneumatic components

Industrial robots

Lubrication and cooling

Machinery and equipment for additive manufacturing

Machinery and equipment for composites

Manufacturing software

Materials and raw materials

Measuring instruments and machinery

Mechanical components

Mounting and assembly

Product development software

Quality control and software Safety and environmental issues

Shaping machine tools

Software for machinery

Toolings and tooling systems

Waste disposal equipment

Welding and flame cutting machinery

Workshop equipment

Other machinery and equipment