

#MadeForYOU

HALL 13 STAND B38

On site

3 machines

8 live demos

7 technologies

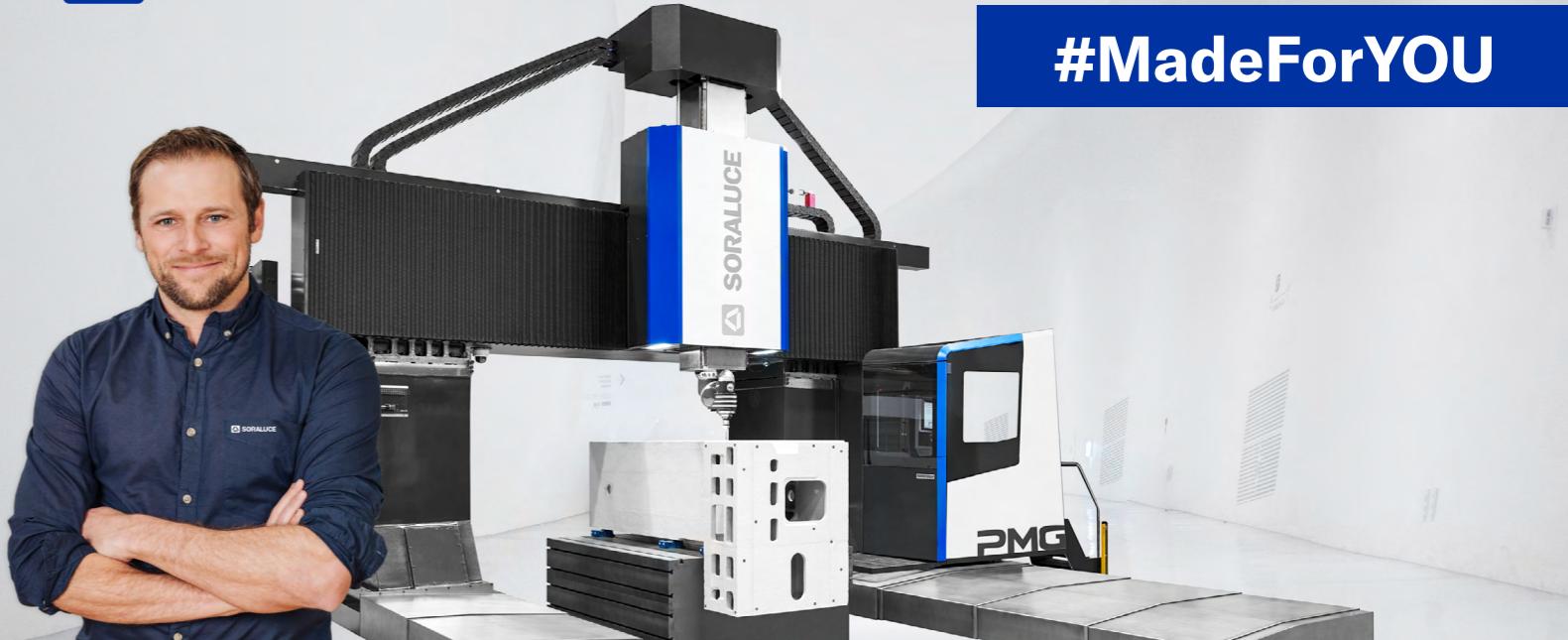
The largest booth in the centre of the milling pavilion, 860 m²!

Enjoy live the future of machining solutions in Hall 13 Stand B38!

#MadeForYOU, our customer-focused mindset through highly innovative solutions for our customers' technological progress.



BIMATEC SORALUCE



#MadeForYOU

→ Detailed information about EMO: www.bimatec-soraluce.com/about-us/emo

BIMATEC SORALUCE
Zerspanungstechnologie GmbH
Am Steingraben 6
D-65549 Limburg
Phone: +49 (0) 6431 9782 0
Email: info@bimatec.de
www.bimatec-soraluce.de

DANOBATGROUP



The power of engineering knowledge #MadeForYOU

The best process for specific application

Highly skilled and experienced engineers to evaluate your production and machining processes to develop new, optimised solutions:

- › Highest efficiency and productivity with shorter machining cycle times
- › Maximised machine's capabilities
- › Optimal configuration of the solution

Leading portfolio #MadeForYOU

A world of possibilities

The most complete and advanced ranges of products and services on the market:

- › Wide variety of milling-boring machines
- › New portal machines
- › Vertical lathes
- › Multitasking solutions
- › Automated lines
- › Best in class services

Designed to be customised to your needs!

The intelligent machine #MadeForYOU

Your technology partner

- › Intelligent damping solutions: DAS+, DWS
- › Simplified workpiece alignment through VSET
- › Home-made Soraluce Intelligent Software
- › Connected machines through Data System
- › Interconnectivity with other machines and external systems

Precision for your masterpiece #MadeForYOU

Accuracy in the DNA

- › Highest geometric precision over market standards
- › Unique innovative technology to guarantee highest precision and quality
- › Dynamic Ram balance: Active ram drop compensation
- › Dynamic vertical ram balance : Maximum accuracy in the perpendicularity of the X-Z axes (portal machines)
- › Dynamic head calibration
- › Accura Heads: Compensates the head articulation positioning deviation for one particular position of the head

Tour



Live Demos

DEMO
1

SORALUCE TR-M 35

Experts in multitasking:
Milling, turning and grinding in a single set-up

DEMO
2

SORALUCE FP 8000

- › Best stock removal rate through DAS⁺ patented
- › High power and torque 2 axis simultaneous head for 5-axis machining
- › Optimised cycle time through Adaptive Control system

DEMO
3

SORALUCE PMG 14000

- › No chatter when machining flexible parts
- › One machine for roughing and finishing

DEMO
4

THE POWER OF ENGINEERING KNOWLEDGE

- › Engineering knowledge through various projects developed specifically for some of its customers
- › Simplified workpiece set-up system through VSET, patented

SORALUCE PMG 14000 Portal gantry milling machine

Longitudinal: 14.000 mm | Cross: 5.500 mm | Vertical: 2.000 mm



- › Spindle power: 43 kW | 900 Nm | 5.000 rpm | Direct drive
- › Universal stepless head 0,001° x 0,001° | 5.000 rpm | 37 kW | 900 Nm
- › Tool magazine for 80 tools
- › Operator platform
- › New Heidenhain touch screen in widescreen format
- › Powered by Soraluce Intelligent Software

SORALUCE TR-M 35 Bed type multitasking machine

Longitudinal: 3.500 mm | Vertical: 1.600 mm | Cross: 1.300 mm



- › Turning table: Ø 1.600 mm | 3.250 kg | Torque motor
- › Fixed table: 3.500 x 1.400 mm | 10.500 kg
- › Spindle power: 37 kW | 900 Nm | 5.000 rpm | Direct drive
- › Multitasking head (milling, turning, grinding NEW) 0,001° x 0,001° | 37 kW | 900 Nm | 5.000 rpm
- › Dressing unit
- › Tool magazine for 60 tools
- › Full splash guarding and swarf conveyor management
- › New Heidenhain touch screen in widescreen format
- › Powered by Soraluce Intelligent Software

SORALUCE FP 8000 Floor type milling boring machine

Longitudinal: 8.000 mm | Vertical: 3.200 mm | Cross: 1.600 mm



- › Spindle power: 60 kW | 2,000 Nm | 7,000 rpm | Direct drive
- › 2 axis simultaneous head for 5-axis machining 0,001° x 0,001° | 5,000 rpm | 37 kW | 1,200 Nm
- › Fixed horizontal head 480 mm | 60 kW | 1,962 Nm | 3,500 rpm
- › Automatic head changing system
- › Tool magazine for 60 tools
- › Operator platform with vertical and cross movement
- › New Heidenhain touch screen in widescreen format
- › Powered by Soraluce Intelligent Software