

WB Werkstatt + Betrieb reflects the value added chain in machining

Fixed topics:

- **Machine tools and precision tools:** for sawing, drilling, deep drilling, reaming/fine boring, threading, turning, milling, grinding, gear cutting, laser machining, combined machining
- **Production engineering:** complete machining/process integration, 3-axis to 5-axis machining, heavy duty machining, hard machining, micro machining, additive/hybrid manufacturing (3D-print)
- **Measurement technology:** production measurement technology, process monitoring; SPC/closed loop; quality assurance, displacement and angle measurement systems, tool presetting
- **Automation:** control technology, handling/robotics, palletizing systems, machine tool linking, flexible manufacturing systems (FMS), machine safety, tool monitoring, intra logistics

- **Drive technology:** motor and gear spindles, axle drives, torque and linear drives, direct drives, built-in drives
- **Clamping technology:** for workpieces and tools
- **Technical Equipment:** cooling lubricants, fluid and chip management, parts cleaning, extractions
- **Information systems:** industry 4.0, digitization, smart factory, IoT, data networking, CAD/CAM, MES, MDE, BDE, ERP, simulation
- **Services:** tool management, remote services, retrofitting/modernization, tool coatings, maintenance/MRO, machine components
- **Trade news:** economic reports, trade fairs/events, energy and resource management; sustainability

Results from applied research and production-related developments

Issue	Closing Dates	Topics	Fairs/Exhibitions/Events
1 March	ED: 13.01.2025 BC: 03.02.2025 PD: 28.02.2025	Main focus: Heavy duty machining; hard machining; finishing; precision tool manufacturing; smart factory; automation; precision tools: clamping, presetting, monitoring Industry focus: <i>Contract manufacturing, job shops</i> Special: Grinding – Gear cutting	Mecspe, Bologna, 05.–07.03.25 intec/GrindTec, Leipzig, 11.–14.03.25 DST Dreh- und Spantage Südwest, Villingen-Schwenningen, 09.–11.04.25
2 April	ED: 06.03.2025 BC: 27.03.2025 PD: 25.04.2025	Main focus: complete machining; multi-spindle machining; smart factory; automation; tool management; controls; CAM; quality assurance, measurement technology; sawing; additive manufacturing Industry focus: <i>General mechanical engineering</i> Special: Turning – turn-milling	Control, Stuttgart, 06.–09.05.25 Rapid.Tech 3D, Erfurt, 13.–15.05.25
3 June	ED: 07.04.2025 BC: 30.04.2025 PD: 02.06.2025	Main focus: Large parts machining; Lightweight materials; complete machining; smart factory; automation; simulation; CAM; workpiece clamping; machine components; technical equipment Industry focus: <i>Aerospace</i> Special: Drilling – reaming – thread cutting	
4 July	ED: 06.06.2025 BC: 01.07.2025 PD: 28.07.2025	Main focus: Complete machining; process integration; controls; smart factory; automation; tool management; precision tools: substrates, geometries, coatings; sawing Industry focus: <i>Contract manufacturing, job shops</i> Special: Smart factory Special section: Swiss Quality Production	EMO prefair edition
5 September	ED: 25.07.2025 BC: 18.08.2025 PD: 15.09.2025	Main focus: Trends in machine tools, precision tools, software and equipment; automation; additive manufacturing; machine components; tool management; microcutting; cooling lubricants; parts cleaning Industry focus: <i>All application sectors</i> Special: Technical equipment	EMO, Hannover, 22.–26.09.25 parts2clean, Stuttgart, 07.–09.10.25 EMO fair edition
6 November	ED: 16.09.2025 BC: 08.10.2025 PD: 04.11.2025	Main focus: eMobility; Serial/mass production; smart factory; automation; workpiece clamping; additive manufacturing; precision tools: clamping, presetting, monitoring Industry focus: Automotive and suppliers industry Special: Milling – mill-turning	DeburringExpo, Karlsruhe, 12.–13.11.25 formnext, Frankfurt am Main, 18.–21.11.25
7 December	ED: 15.10.2025 BC: 05.11.2025 PD: 02.12.2025	Main focus: Titan and stainless steel; heavy duty machining; complete machining; finishing; smart factory; automation; simulation; precision tools: substrates, geometries, coatings; retrofitting Industry focus: <i>Medical Industry</i> Special: Sustainability	EMO report edition