

Issue	Keytopics	Focus	Trade Fairs
<p>1/2024 DOP: 04/05/2024 CD: 03/05/2024 ED: 02/27/2024</p>	<p>Quality assurance Quality management I measuring and testing engineering I certification, audit</p> <p>Safety, ergonomics, environment Safety engineering I workplace design I air pollution control I disposal, recycling</p> <p>Conveyors and presses Coil handling, decoilers I Straightening technology I Slitting and cut-to-length lines, shears, knives I Deep drawing and punching presses, spinning and impact extrusion lines I Handling, feed and discharge systems I Drives, energy management</p> <p>Maintenance and renovation Maintenance, planing, AI I Reconditioning, renewel, retrofitting</p>	<p>Tubes, profiles, wire Manufacturing I processing I refining I tools</p> <p><i>Trade fair special wire & tube</i></p>	<p>wire & Tube Dusseldorf, Germany 04/15 - 04/19/2024</p> <p>HMI Hannover, Germany 04/22 - 04/26/2024</p> <p>Control Stuttgart, Germany 04/23 - 04/26/2024</p>
<p>2/2024 DOP: 05/15/2024 CD: 04/15/2024 ED: 04/08/2024</p>	<p>Bending and cutting Bending, edging I swivel bending I profiling I Punching, perforation, notching I fine cutting I sawing</p> <p>Tools Punching tools I Forming die I Bending and folding tools I electric, pneumatic and hand tools I clamping and hold-down technology</p> <p>Surfaces and edges Removing, deburring I cleaning, coating , refining I lubrication, oiling I marking, labeling</p> <p>Laser Techniques I sources I machines, plants I components, equipment I safety installations</p>	<p>Smart Factory, Automation Smart factories, automation industry 4.0 I machine and system controls I cross-linking, AI Planning I CAx, simulation I intralogistics I Robots, feeders I AGV, RBG I Handling</p>	<p>Stanztec Pforzheim, Germany 06/25 - 06/27/2024</p>

Issue	Keytopics	Focus	Trade Fairs
<p>3/2024 DOP: 09/06/2024 CD: 08/06/2024 ED: 07/30/2024</p>	<p>Conveyors and presses Coil handling, decoilers Straightening technology Slitting and cut-to-length lines, shears, knives Deep drawing and punching presses, spinning and impact extrusion lines Handling, feed and discharge systems Drives, energy management</p> <p>Tubes, profiles, wire Manufacturing processing refining tools</p> <p>Materials and energy Steel, stainless steel aluminium, magnesium, non-ferrous metals lightweight environment, energy, decarbonization</p> <p>Maintenance and renovation Maintenance, planing, AI reconditioning, renewel, Retrofitting</p>	<p>Cutting and joining Punching sawing waterjet cutting laser welding and cutting plasma and flame cutting welding, soldering bonding mechanical joining</p>	<p>Aluminium Dusseldorf, Germany 10/08 - 10/10/2024</p> <p>parts2clean Stuttgart, Germany 09/24 - 09/26/2024</p> <p>Bondexpo Stuttgart, Germany 10/08 - 10/11/2024</p>
<p>4/2024 DOP: 10/11/2024 CD: 09/11/2024 ED: 09/04/2024</p>	<p>Surfaces and edges Removing, deburring cleaning, coating, finishing lubrication, oiling marking, labeling</p> <p>Safety, ergonomics, environment safety engineering workplace design air pollution control disposal, recycling</p> <p>Cutting and joining Punching sawing waterjet cutting laser welding and cutting plasma and flame cutting welding, soldering bonding mechanical joining</p> <p>More topics from issue 4 on page 8</p>	<p>Intralogistics Storage systems robots, feeders, AGVs grippers, suction cups packaging systems</p> <p><i>Trade fair special EuroBLECH</i></p>	<p>EuroBLECH Hannover, Germany 10/22 - 10/25/2024</p> <p>Formnext Frankfurt, Germany 11/19 - 11/22/2024</p>

Issue	Keytopics	Focus	Trade Fairs
<p>More topics 4/2024 DOP: 10/11/2024 CD: 09/11/2024 ED: 09/04/2024</p>	<p>Software Industry 4.0 machine and system controls cross-linking, AI planning CAx, simulation</p> <p>Materials and energy Steel, stainless steel aluminium, magnesium, non-ferrous metals lightweight environment, energy, decarbonization</p>	<p><i>Trade fair special EuroBLECH</i></p>	