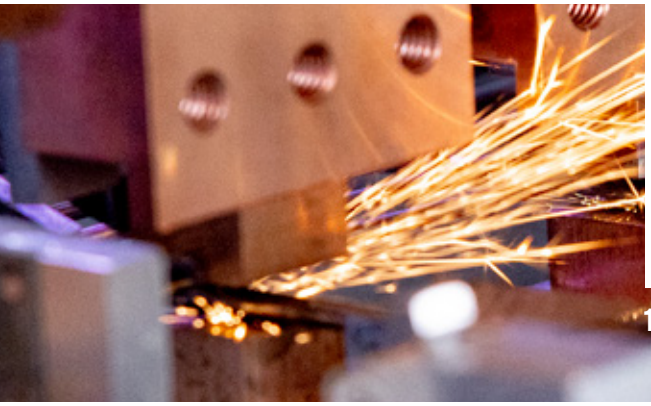
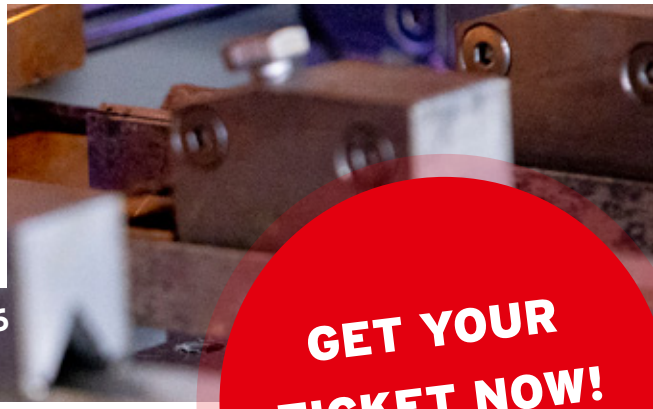
Mesh welding machines exclusive in hall 17

wire Düsseldorf



13 to 17 April, 2026



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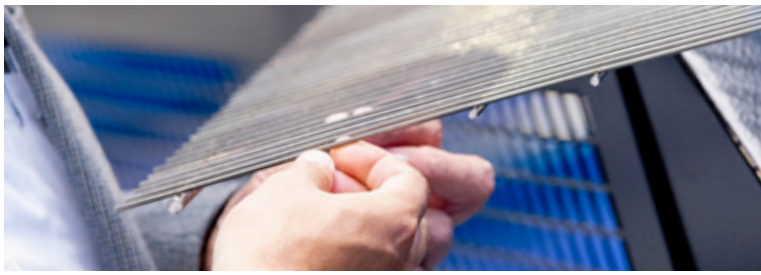
The entire spectrum: From raw materials to production machinery to the products

Mesh welding machines can be used for a broad range of materials, among them steel, stainless steel and aluminium. They also offer flexibility in the design of the mesh structures, which makes them attractive for different industries, e. g., construction, agriculture or automotive. Experience innovations and revolutions in mesh welding technology at wire 2026 in Düsseldorf.

Discover the newest state of smart manufacturing and solutions in the age of Industry 4.0. This includes current trends and processes for the manufacture of state-of-the-art meshes – from construction steel mats, barriers and shop interiors to profile meshes.

Mesh welding machine trends

Automation and robotics
Modern mesh welding machines are often equipped with robotics and advanced control systems, which minimise interventions by the operator and increase production speed. The integration of industrial robots also enables a more precise placement of work pieces and a stable welding quality.



Industry 4.0 and IoT integration
Mesh welding machines are increasingly being integrated into Industry 4.0 environments. By connecting machines with the Internet of Things (IoT), manufacturers can monitor the production process, analyse data in real time and optimise machine performance. Modern connectivity also contributes to predicting maintenance needs

Sustainability and Energy efficiency
With a growing awareness of environment issues, companies are increasingly looking for energy efficient solutions. Modern mesh welding machines are conceived in a way that minimises energy consumption and makes the welding process more efficient. This leads to more sustainability and cost savings.

Decision-makers are at wire – the world's No. 1

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Messe Düsseldorf