

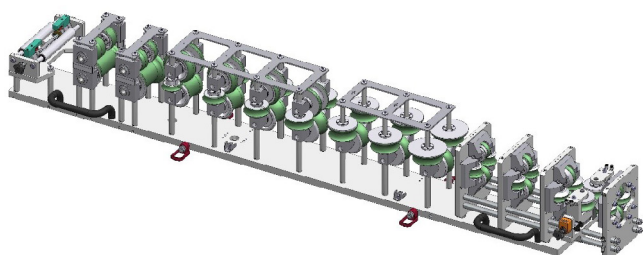
ADVANCED FORMING BENCHES: ENGINEERED FOR PRECISION AND EFFICIENCY

We are pleased to present our latest advancements in the field of forming benches, reflecting our continuous commitment to excellence and innovation.

Our new forming benches are designed to significantly improve performance, durability, and ease of use, ensuring our customers enjoy remarkable operational efficiency and product quality.

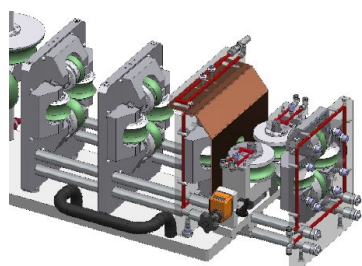
Enhanced Contact for Optimal Forming

The increase in the number of rollers per station aims to enhance the contact with the strip during the forming process. This improvement ensures a more uniform elongation of the strip, leading to consistent forming quality. Moreover, this reinforced contact reduces damages to the strip, resulting in a significant decrease in forming metal scratches and dust, thereby improving process efficiency, and reducing cleaning and maintenance requirements.



Advanced Protection Against Laser Radiation and Heat

Our priority is to ensure the durability and performance of our forming tools. As such, our forming benches now incorporate devices to protect rollers and bearings against laser radiation, thereby ensuring their integrity and long-term effectiveness. Simultaneously, our enhanced heat evacuation system ensures optimal operation of the tools, reducing thermal impact and extending tool life.

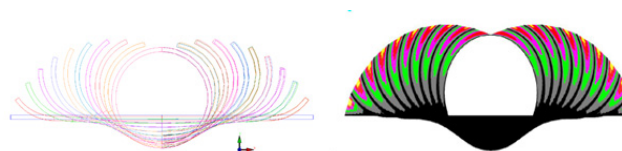


Simplification of Assembly and Maintenance of Stations

We have redesigned the assembly and maintenance process of our stations to make it more efficient and user-friendly. Thanks to intuitive designs and optimized components, our forming benches are now easier to install and maintain, so reducing operational costs and maximizing productivity.

FEA Simulation for Optimal Results

Our approach consistently incorporates FEA (Finite Element Analysis) simulations to tailor the forming process to the specific materials chosen by our customers, ensuring optimal outcomes. Our forming benches are versatile, capable of processing a wide range of standard materials like aluminium, steel and stainless steel, as well as special materials such as copper, nickel, and titanium upon request, after thorough consultation and testing.



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Retrofitting and Customization Expertise

For those looking to integrate new forming tools with existing welding machines, we offer professional expertise in retrofitting and adapting our state-of-the-art tools to your current setup. Our aim is to enhance your production line's efficiency without the need for extensive conversions.

Ease of Use with Custom Carrying and Storage Solutions

To further simplify operations, we offer carrying and storage trolleys designed for our forming tools. These solutions facilitate easy and efficient changeovers, enabling operations even by a single operator and significantly reducing downtime.



Technical data

- Formed tube diameter: from 2.4 to 112 mm
Further tube diameter reduction below 2.4 mm is possible by additional drawdown stations
- Tape thickness: from 0.05 to 1.2 mm
- Forming ratio: from 15 to 200
Other values available upon request
- Materials: aluminium, steel, stainless steel
Optional: copper, nickel, Cr/Ni, Cr/Ni/MO, titanium, and more, after consultation
- Welding type: longitudinal laser butt-welding
- Production speed: up to 100 m/min, depending on material characteristics

Connect With Us

Considering an upgrade or a new addition to your manufacturing capabilities? Our team of engineers is here to guide you through selecting the perfect forming bench to meet your specific production requirements. Reach out today to explore how our latest innovations can transform your manufacturing process.

Tailored Solutions and Expert Support

With options for different forming ratios, tape materials and welding types, our forming benches are adaptable to meet specific manufacturing challenges. Our commitment to flexibility ensures that our equipment can be tailored to your unique production requirements.

