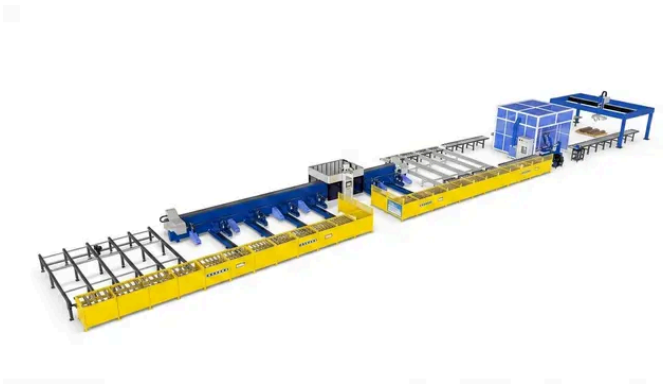
BALP Series

Automatic Profile Laser Cutting, Welding Production Line



Automatic Profile Laser Cutting & Welding Production Line

The BALP Series is designed for structural profiles including tubes, square pipes, and angle steel. It integrates 3D laser cutting with automated welding, enabling high-mix, low-volume manufacturing with minimal repositioning and maximum precision.

BALP Series specifications

Values from the Metec catalogue; your configuration is confirmed in the quotation.

The BALP Series is configured per project: line length, stations and automation level follow your part family and volume. Send a drawing and your target output, and we propose a layout with a written specification.

What the BALP Series is built for

3D Versatility, Precision Cutting

Handles complex 3D contours of tubes, square pipes, and angle steel with fine laser cutting.

Auto Loading, High Efficiency

Automatic material selection and feeding enables long unmanned, continuous operation.

Flexible Production, Multi-Function

Quick change of programs and fixtures adapts to high-mix, low-volume manufacturing.

Integrated Cutting & Welding

Combines cutting and welding, reduces repositioning, boosts precision and efficiency.

Expert Welding, Solid Quality

Welding process designed for profiles ensures strong and clean welds on structural parts.

Saves Labor & Material, Cuts Cost

Automated operation saves labor, optimized nesting reduces waste, increases ROI.