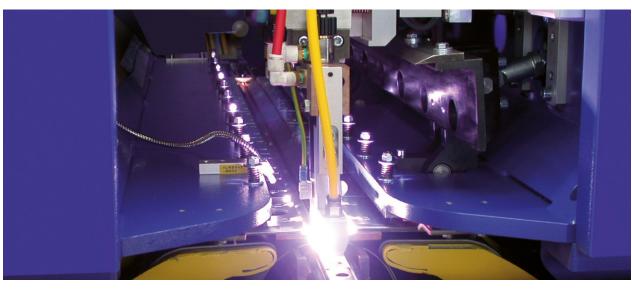
# Flexmaster

## Welding





The single-station welding system for maximum flexibility in tube production for small to medium batch sizes

#### Patented clamping technology

The clamping belt system enables precise and reproducible clamping without the need for a diameter-specific tool: round, oval, polygonal.

#### Programming

Up to 400 programs with their respective clamping and welding parameters can be stored in the control panel.

#### Simple management

The machine sets itself up automatically depending on the selected program.

#### Reproducibility

The high-level accuracy of the joining and clamping process guarantees consistent quality in automated welding processes.

#### Modular concept

The systems found in the Flexmaster series can be combined with numerous modules from Weil Technology, and they can be operated as a stand-alone solution or in a fully automated production line.

By using a flexible clamping unit, no mechanical conversion is necessary for a diameter change.

	Flexmaster 400/1250	Flexmaster 400/2000	Flexmaster 600/1500	Flexmaster 1000
Tube diameter	76 – 400 (600) mm	76 – 400 (600) mm	100 – 610 mm	200 – 1.000 mm
Tube length	100 – 1.270 mm	100 – 2.000 mm	250 – 1.550 mm	250 – 2.000 mm
Material thickness	0.4 – 2.0 mm	0.8 – 2.0 mm	0.8 – 2.0 mm	0.6 – 2.0 mm
Materials	Steel, stainless steel*	Steel, stainless steel*	Steel, stainless steel*	Steel, stainless steel*
Welding source	Laser, TIG, Plasma	Laser, TIG, Plasma	Laser, TIG, Plasma	Laser, TIG, Plasma
Output	up to 150 tubes/h		up to 80 tubes/h	up to 60 tubes/h

We can also advise you on further dimensions.

\* Other materials upon request.

### **Realizing fascinating solutions**