





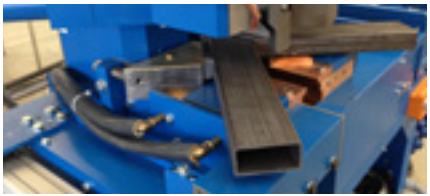
FLASH BUTT WELDING MACHINE TYPE ASO 015 - 025

ASO 015- 025

Compact, high-performance system for welding rings, pipes, round parts, and wire connections

The ASO 015 is a precision flash butt welding machine designed for small to medium-sized workpieces. It is ideally suited for heat exchanger tubes, ring production, and vertical circular joints..

Industrial-grade flash butt welding — compact, flexible, and highly repeatable.

ASO 015 - 025 V-D / EV	ASO 015 - 025 R-HE	ASO 015 - 025 S-HE
		
Application(s) High-strength carbon wire (e.g., C85) Oval and round tubes	Application(s) Welding oval steel discs for Steel rings, e.g., bicycle rims	Application(s) Square and round tubes for Staircase and steel construction 45° joints
Materials and Specifications: Mild steel wire Ø 6 - 18 mm (0.236" - 0.708") Carbon steel wire Ø 6 - 14 mm (0.236" - 0.551") Oval tubes: 40 x 20 x 1.5 mm (1.574" x 0.787" x 0.059") 50 x 25 x 2.0 mm (1.968" x 0.984" x 0.078") Round tubes: Ø 33.7 x 1.5 mm (1.326" x 0.059") Ø 33.7 x 2.0 mm (1.326" x 0.078")	Materials and Specifications: Cross-sections: 240-640 mm ² (9.448" - 25.196") Alloy steel: 40 - 400 mm ² Smallest disc size: W 210 mm x H 150 mm (8.267" x 5.905") Ends: 40 mm (1.574") flat Thickness: 6-8 mm (0.236-0.314") Width: approx. 80-90 mm (3.149-3.543")	Materials and Specifications: Cross-sections: 40 - 800 mm ² Alloy steel: up to 400 mm ² Frame profiles: thickness 2.5 - 3 mm (0.098 x 0.118") Tubes: Ø 42.4 mm (1.669") t = 2.5 - 3.0 mm (0.098 x 0.118") Tube length: 1250 mm (49.212") Material: S235 Space-saving design

GENERAL ADVANTAGES OF THE ASO 015 SERIES

- Compact industrial system
- Semi-automated or fully automated
- High process repeatability
- State-of-the-art control system
- Custom/Special solutions available upon request
- Made in Germany

Machine type	Upsetting force max. kN	Nominal power Transformer kVA	Welding cross-section unalloyed steel mm ²	Welding cross-section alloyed steel (BSt) mm ²	Welding cross-section stainless steel mm ²	Welding cross-section aluminum mm ²
ASO 015	15	70	50 - 400	bis 250	bis 120	15 - 80
ASO 025	25	70	150 - 800	bis 400	bis 250	40 - 120

