

Vertical buttwelding with or without automatic deburring function

Welding machines with vertical welding device for joining hanging wire coils

Types with or without integrated automatic deburring cycle

SS120-FPC with handling system

Types with Full Parameter Control (FPC) possible



Type SS80-FPC
with vertical hydraulic clamping device
motor driven in two axis



Series SS vertical
clamping jaws for welding in the radius



Type SS120-FPC with handling system - Ø 30mm

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Type		2a	2b	3a	3b	SS 80	SS 120
kVA	nominal	12	20	40	80	80	120
Welding range	Ø [mm]						
Steel < 0,25% C		3 - 16	5 - 18	8 - 20	8 - 22	6 - 20	8 - 30
Steel > 0,25% C		3 - 13	5 - 16	8 - 18	8 - 20		
Copper		3 - 10	4 - 11	5 - 14	6 - 15	-	-
Brass		3 - 12	5 - 14	8 - 16	8 - 18	-	-
Aluminium		4 - 12	6 - 14	8 - 18	8 - 20	-	-



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Advantages:

- The clamping jaws are positioned close to the hanging coils, so there is no need for straightening the ends.
- For machines series SS, the burr is removed fully automatically after welding
- More ergonomic handling in comparison to horizontal welders
- Hydraulic clamping (upon request, manual clamping)

Options:

- Motor driven execution (one or two axes)
- Different accessories available: clamping, cutting and straightening devices
- Annealing of the welded zone via control V20 or infrared pyrometer



FPC (Full Parameter Control), series SS
central control and administration of welding parameters



Type SS80-FPC
with vertical hydraulic clamping device
motor driven in one axis or pivoting into the horizontal line



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