

Vertical butt welding 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



SS120-FPC with handling system - Ø 30mm



2a/b-LNV
with vertical hydraulic clamping device
motor driven in two axes



3a-NV
with vertical hydraulic clamping device
pivoting into the horizontal line

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Type	2a	2b	3a	3b	SS 40	SS 80	SS 120
kVA nominal	12	20	40	80	40	80	120
Welding range Ø [mm]							
Steel < 0,25% C	3 - 16	5 - 18	8 - 20	8 - 22	5 - 17	6 - 20	8 - 30
Steel > 0,25% C	3 - 13	5 - 16	8 - 18	8 - 20		(6 - 23)	
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	-	-	-



Special ranges in ()

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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



Series SS vertical clamping jaws for welding in the radius

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



SS 80-FPC
with vertical hydraulic clamping device
motor driven in one axis or pivoting into the
horizontal line

STRECKER

AUGUST STRECKER GmbH & Co.KG

Postfach 1337 – D-65533 Limburg/Lahn
Germany

Telefon: +49 64 31 96 10 - 0
Telefax: +49 64 31 4 42 21
e-mail: sales@strecker-limburg.de
Internet: www.strecker-limburg.de