



SQ 120 / N 12 / TR 9

Version: 01-2011

Manual or pedal operated, air-cooled butt welding machines for wire drawer plants

- simple to operate
- adjustable welding capacity
- clamps and moving head with roller bearing guide
- simple after-glow
- N 12 and TR 9 with carriage
- SQ 120 with welding control



left: SQ 120
middle: N 12
right: TR 9

	TR 9	N 12	SQ 120
Rated primary voltage 1-phase 50/60 Hz	400 V	400 V	400 V
Nominal capacity (at 50% ED)	3 kVA	4 kVA	20 kVA
Supply power	3 kVA	4 kVA	15 kVA
Connection section	2.5 mm ²	2.5 mm ²	16 mm ²
Fuse, delayed action	10 A	10 A	40 A
max. welding capacity	9.6 kVA	18 kVA	93 kVA
Clamping force	80 daN	200 daN	1000 daN
Compression force	20 daN	80 daN	300 daN
Technical welding data:			
steel, round	0.8 - 8 mm	2 - 14 mm	3 - 19 mm
steel, square (max.)	50 mm ²	150 mm ²	280 mm ²
stainless steel, round	0.8 - 6 mm	2 - 9 mm	3 - 18 mm
stainless steel, square	28 mm ²	65 mm ²	250 mm ²
aluminium, round	2 - 5 mm	2 - 8 mm	4 - 12 mm
aluminium, square (max.)	20 mm ²	50 mm ²	110 mm ²
copper, round	1.5 - 3.5 mm	2 - 6 mm	4 - 12 mm
copper, square (max.)	10 mm ²	28 mm ²	110 mm ²
brass, round	1.5 - 3.5 mm	2 - 6 mm	4 - 16 mm
brass, square (max.)	10 mm ²	28 mm ²	200 mm ²
Order-number	XO0.503.C01	XO0.504.C01	XO0.511.C01

Different welding controls can be used.

We reserve the right to make changes which are in the interest of technical progress.

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