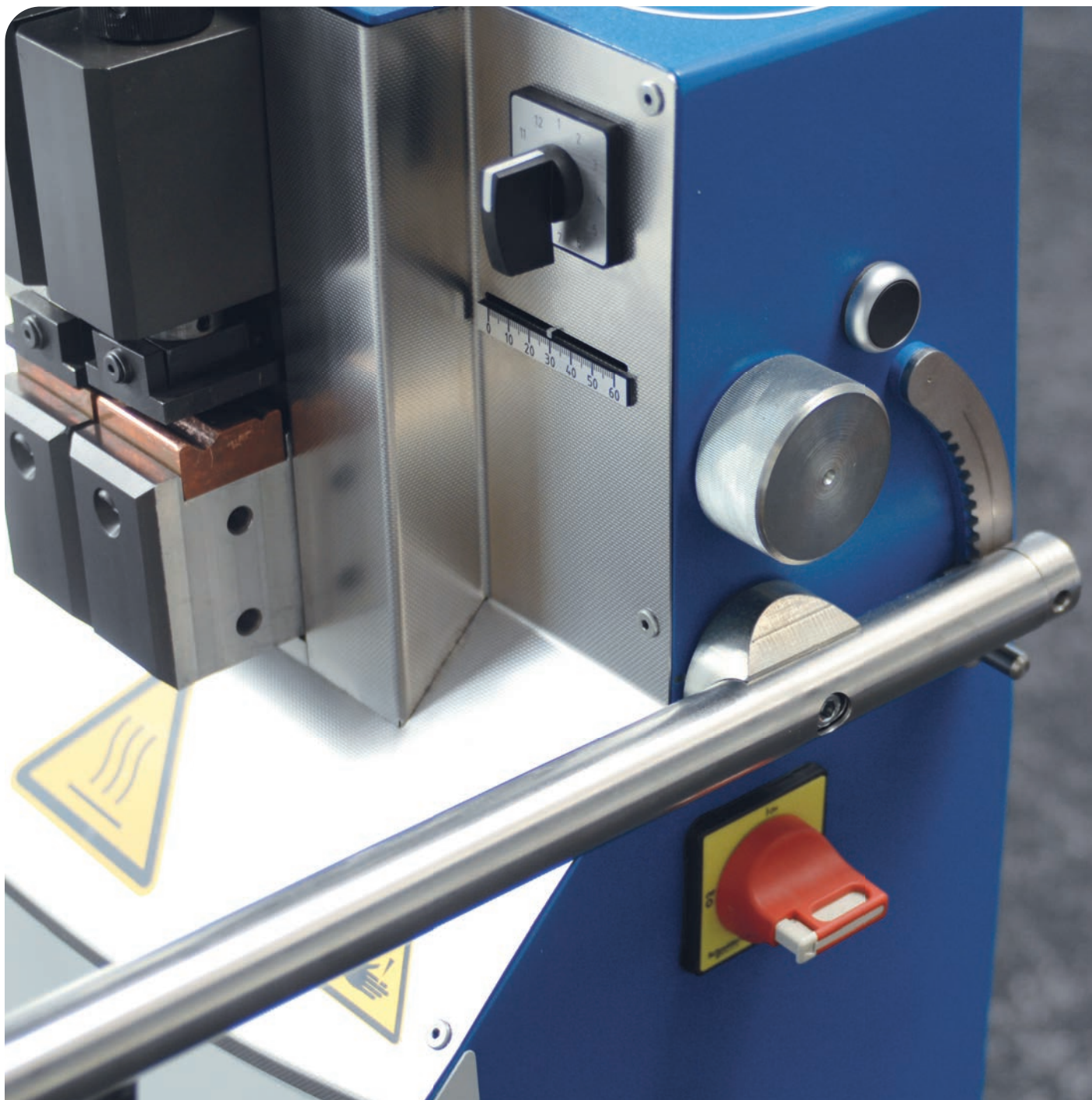


**Wire Butt Welding Device
Type M10**



Wire butt welding device for wire diameter from 4.0 to 16.0 mm

Main features of the M10 type are strong reproducible welding joints in high quality, the automatic control of the welding operation, the accurate alignment due to precise parallel guides, the robust and reliable design as well as the easy operation and maintenance.

Welding Range

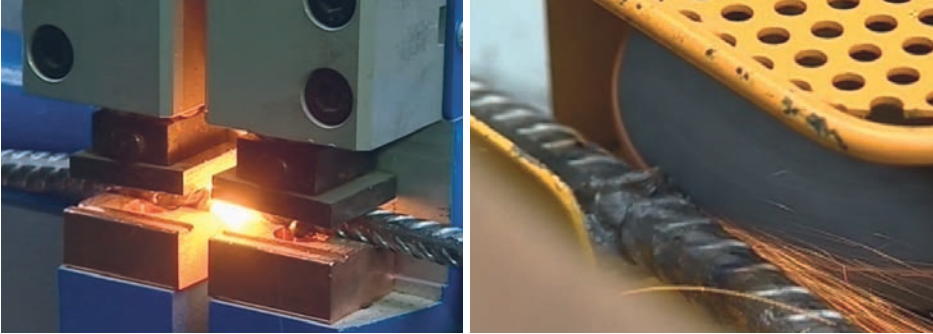
Material	Steel unalloyed *	Copper (Cu)	Brass (Ms)	Light metal (Al)
Wire diameter	4.0- 16.0 mm	4.0- 8.0 mm	4.0- 10.0 mm	5.0- 10.0 mm
Cross section	12.0- 200 mm ²	12.0- 50 mm ²	12.0- 80.0 mm ²	20.0- 80.0 mm ²

* C-content < 0,2 %, cold-rolled and hot-rolled wire

Electric Data

Power at 50% duty cycle	6.7 kVA			
Operating voltage	230 V - 50/60Hz	400 V - 50/60Hz	440 V - 50/60Hz	480 V - 50/60Hz
Fuse protection (slow act.)	20 A	16 A	16 A	16 A
Phase	1L / N / PE	3L / N / PE	3L / N / PE	3L / N / PE
Supply lead cross section per phase (mm ²)	Has to be determined by the local electric company. In the instructions are minimal information provided, which are to be regarded as a guide only.			





Wire butt welding with consistent high quality

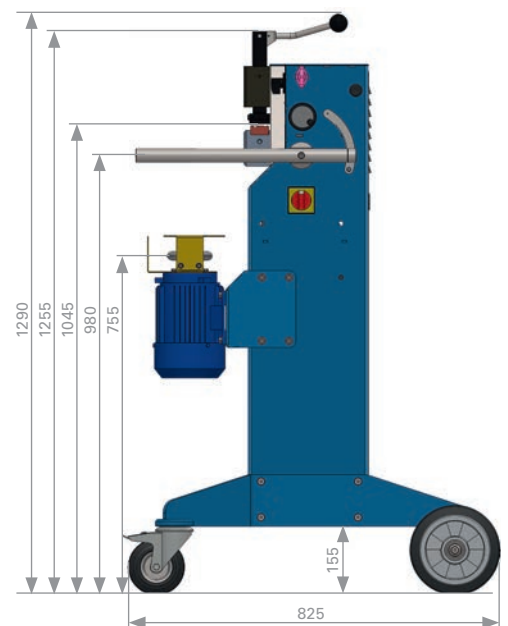
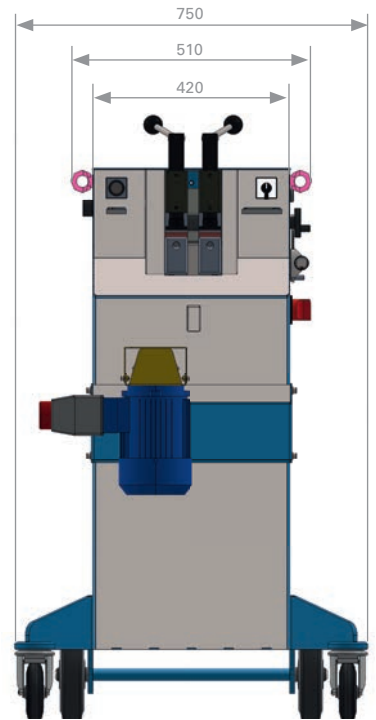
Grinding attachment

The wire butt welding device type M10 is available in the following versions:

Type	Operating voltage	Part No.
M10	230 V - 50/60Hz	1133096.001
	400 V - 50/60Hz	1133096.002
	440 V - 50/60Hz	1133096.003
	480 V - 50/60Hz	1133096.004

For each version of the M10 types are the following options available:

Options	Part No.
Stand for fix installation	1133102
Grinding attachment 230 V - 50/60Hz	1133103.001
Grinding attachment 400 V - 50/60Hz	1133103.002
Grinding attachment 440 V - 50/60Hz	1133103.003
Grinding attachment 480 V - 50/60Hz	1133103.005
Clamping device for annealing	1133098
Deburring gripper \varnothing 1.0 - 6.0 mm	009999.001
Deburring gripper \varnothing 2.0 - 8.0 mm	009999.002
Steel electrodes for Cu welding, 2V-grooves connection	1133106
Electrode standard M10	1135503
Electrode ribbon cable	1133107
Spare Part Set Type M10	1133109
Operation Manual German	1133110.001
Operation Manual English	1133110.002
Operation Manual Spanish	1133110.003
Operation Manual French	1133110.004



A reliable partner in plant construction

The Schlatter group is a world leader in plant manufacturing for resistance welding systems and weaving machines for special applications. With long-standing expertise in industrial engineering, innovative flair and a reliable customer service, the company group listed in Switzerland provides production systems offering high performance and quality.



Core competence

Schlatter has almost 100 years of expertise in plant construction, customer-oriented solutions, a world-wide presence and dedicated employees. The combination of expertise in welding and systems technology makes Schlatter a reliable partner in plant construction.

Segment resistance welding

Schlatter has acquired unique experience in the development and production of reinforcing and industrial mesh welding systems and mobile and stationary rail welding machines.

Weaving segment

Under the brand Jäger, the Schlatter Group provides state-of-the-art weaving and finishing machines for the paper machine fabric industry.

Contact

Professional contacts for sales, technical support, customer service and administration are available world-wide in the group's companies and at select representatives/agents of the Schlatter Group. You can find the relevant contact data on our Web site www.schlattergroup.com.

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