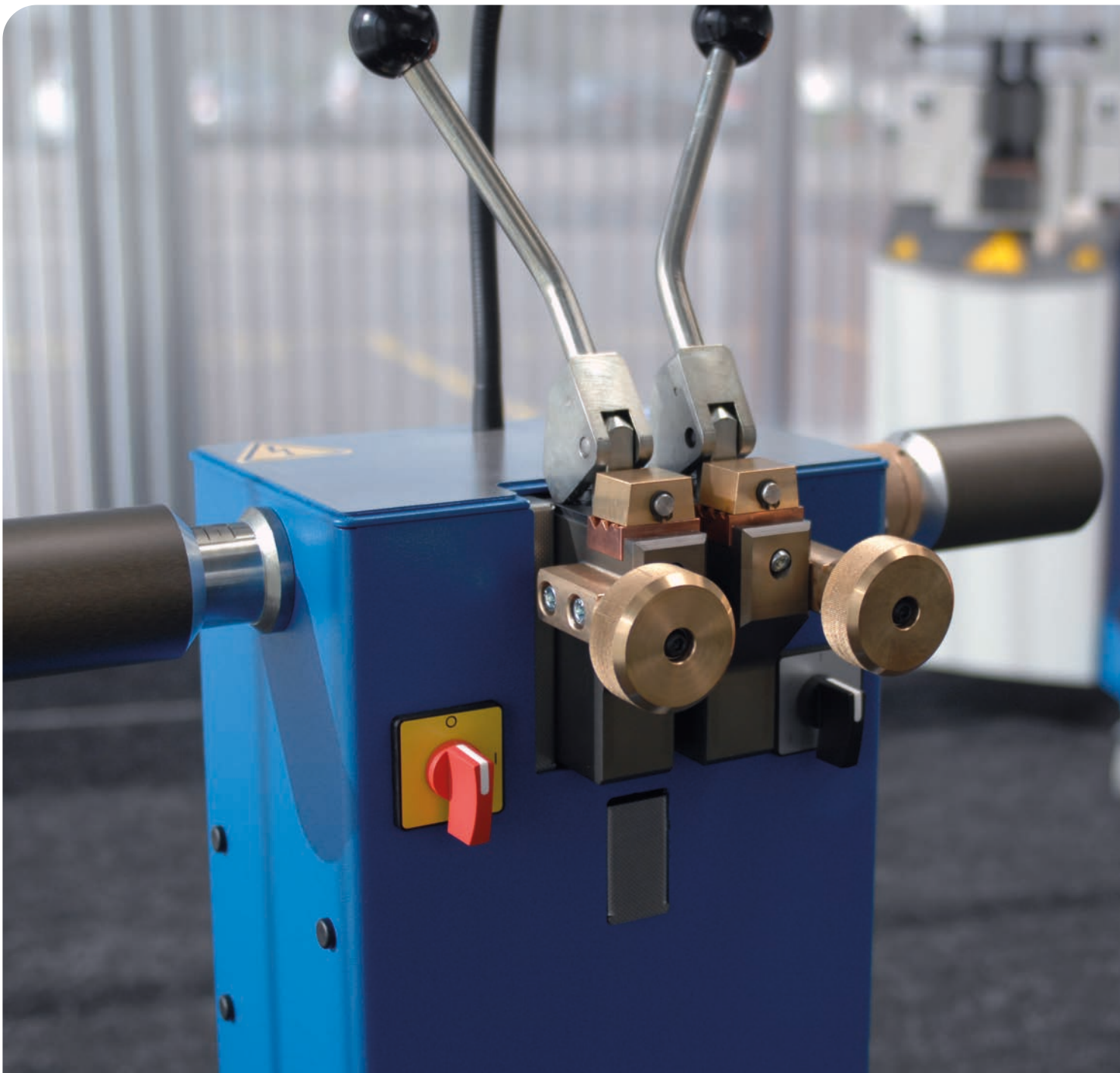


**Wire Butt Welding Device  
Type E10**



## Wire butt welding device for wire diameter from 1.0 to 8.0 mm

Main features of the E10 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.

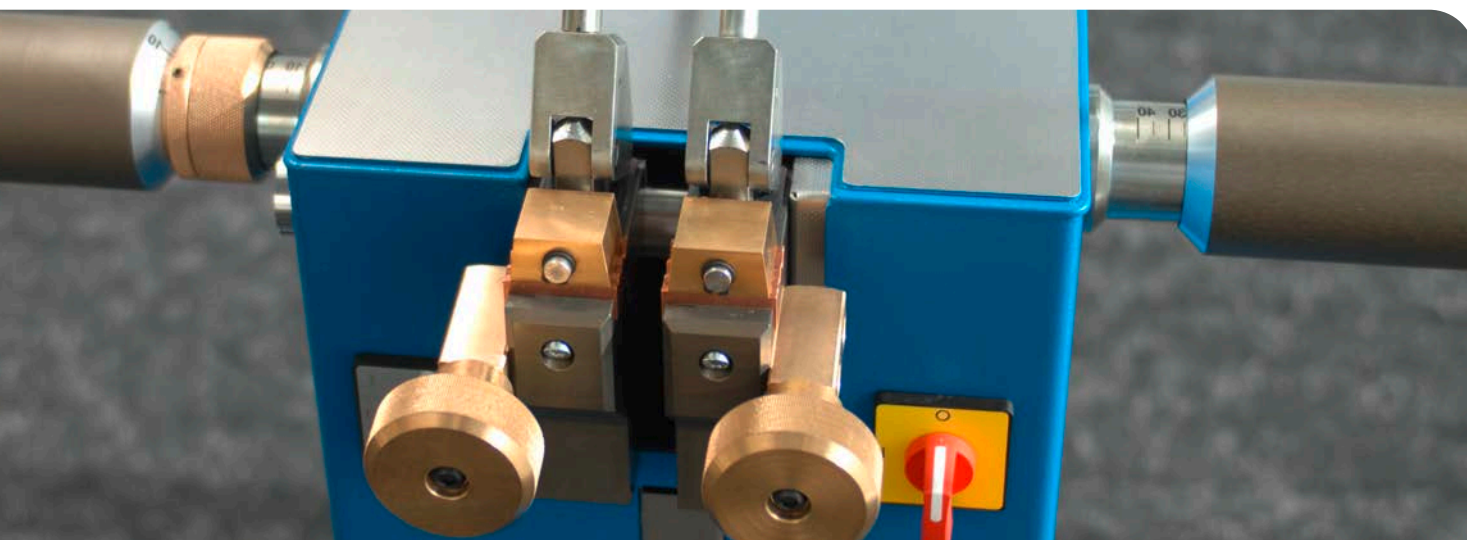
### Welding Range

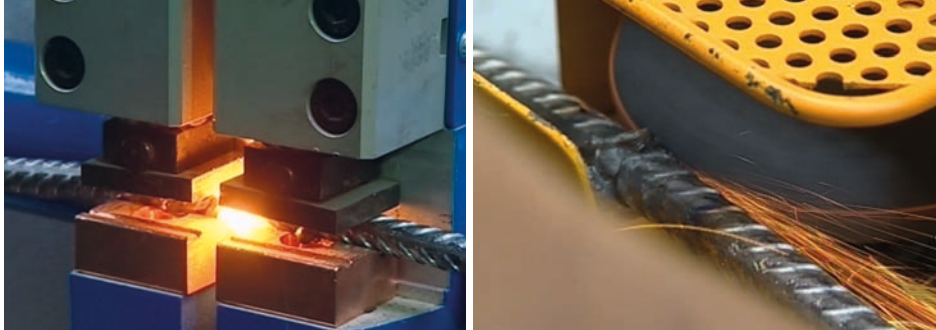
| Type                         | E10 - 80                         | E10 - 100    | E10 - 240    |
|------------------------------|----------------------------------|--------------|--------------|
| <b>Material</b>              | <b>Wire diameter<sup>1</sup></b> |              |              |
| Steel unalloyed <sup>2</sup> | 1.0 - 8.0 mm                     | --           | --           |
| Copper (Cu)                  | --                               | 1.5 - 4.0 mm | 2.5 - 6.0 mm |
| Light metal (Al)             | --                               | 1.5 - 6.0 mm | 4.0 - 7.0 mm |

<sup>1</sup> approx. values depending on alloy | <sup>2</sup> C-content < 0,2 %, cold-rolled and hot-rolled wire

### Electric Data

| Type   | E10 - 80  | E10 - 100 | E10 - 240 |
|--|---|-----------|-----------|
| Power at 50% duty cycle                                    | 0.9 kVA   | 1.3 kVA   | 2.2 kVA   |
| Fuse protection (slow act.) depending on operating voltage | 10 - 16 A   | 10 - 16 A | 16 - 20 A |
| Supply lead cross section per phase (mm <sup>2</sup> )     | 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. |           |           |



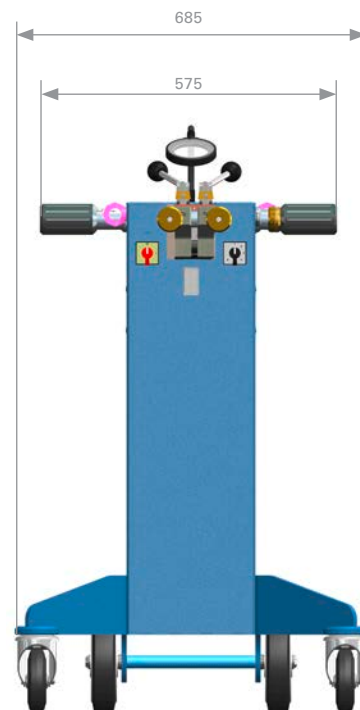


Wire butt welding with consistent high quality

Grinding attachment

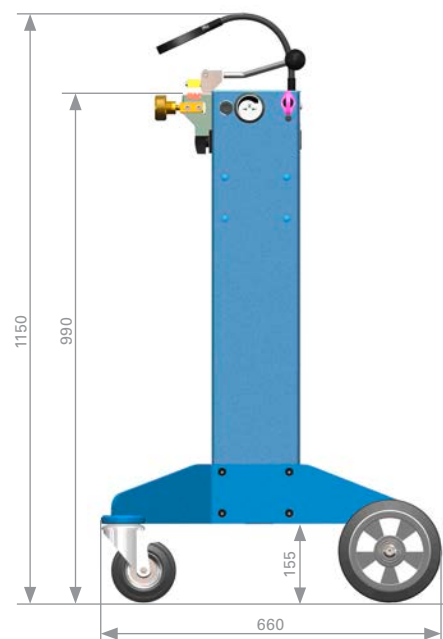
The wire butt welding device type E10 is available in the following versions:

| Type                     | E10 - 80        | E10 - 100   | E10 - 240   |
|--------------------------|-----------------|-------------|-------------|
| <b>Operating voltage</b> | <b>Part No.</b> |             |             |
| 115 V - 60Hz             | 1135069.001     | --          | 1135174.001 |
| 230 V - 50/60Hz          | 1135069.002     | 1135173.001 | 1135174.002 |
| 400 V - 50/60Hz          | 1135069.003     | 1135173.002 | 1135174.003 |
| 420 V - 50/60Hz          | 1135069.004     | 1135173.003 | 1135174.004 |
| 440 V - 50/60Hz          | 1135069.005     | --          | --          |
| 480 V - 50/60Hz          | 1135069.006     | --          | --          |



For each version of the E10 types are the following options available:

| Options                             | Part No.    |
|-------------------------------------|-------------|
| Grinding attachment 115 V - 60Hz    | 1135070.001 |
| Grinding attachment 230 V - 50/60Hz | 1135070.002 |
| Grinding attachment 400 V - 50/60Hz | 1135070.003 |
| Grinding attachment 420 V - 50/60Hz | 1135070.004 |
| Grinding attachment 440 V - 50/60Hz | 1135070.005 |
| Grinding attachment 480 V - 50/60Hz | 1135070.006 |
| Wire shear                          | 1133104     |
| Deburring gripper Ø 1,0- 6,0 mm     | 009999.001  |
| Deburring gripper Ø 2,0- 8,0 mm     | 009999.002  |
| Electrode standard E10 right        | 1135505     |
| Electrode standard E10 left         | 1135504     |
| Spare Part Set Type E10             | 1135073     |
| Operation Manual German             | 1135071.001 |
| Operation Manual English            | 1135071.002 |
| Operation Manual Spanish            | 1135071.003 |
| Operation Manual French             | 1135071.004 |



## 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](http://www.schlattergroup.com).

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