

## E SERIES BUTT FUSION WELDING MACHINE

**ROWELD®**  
E SERIES



SHD160-I/SHD250-I/SHD315-I/SHD355-I

SHD450-I/SHD500-I/SHD630-I

### Application and Features

- Suitable for butt welding of plastic pipes and fittings made of PE, PP and PVDF material.
- The latest design for basic frame, enclosed hydraulic unit, planning tool and heating plate.
- Low starting pressure ensures reliable welding quality of small pipes.
- Meter with high shockproof pressure, the big face of meter indicates clearer readings.
- Preinstalled datalog connections, international brand of electrical controls.
- CE approval from TÜV.

### Technical parameters

Model	SHD160-I	SHD250-I	SHD315-I	SHD355-I	SHD450-I	SHD500-I	SHD630-I
Pipe Size(mm)	63.75.90.110. 125.140.160	63.75.90.110. 125.140.160. 180.200.225. 250	90.110.125.140 160.180.200. 225.250.280. 315	90.110.125.140 160.180.200. 225.250.280. 315.355	200.225.250. 280.315.355. 400.450	200.225.250. 280.315.355. 400.450.500	315.355.400. 450.500.560. 630
Heating Plate Max.Temp	270°C	270°C	270°C	270°C	270°C	270°C	270°C
Temp.Deviation in Surface(170-250°C)	±5°C	±5°C	±5°C	±5°C	±7°C	±7°C	±7°C
Pressure Adjustable Range	0-7Mpa	0-7Mpa	0-7Mpa	0-7Mpa	0-8Mpa	0-8Mpa	0-8Mpa
Working Voltage	220VAC 50Hz	220VAC 50Hz	220VAC 50Hz	220VAC 50Hz	380VAC 3P+N+PE 50Hz	380VAC 3P+N+PE 50Hz	380VAC 3P+N+PE 50Hz
Heating Plate Power	1KW	2KW	3KW	4KW	5.38KW	6.5KW	9.35KW
Planning Tool Power	0.7KW	1.1KW	1.1KW	1.1KW	1.5KW	1.5KW	1.5KW
Hydraulic Unit Power	0.75KW	0.75KW	0.75KW	0.75KW	1.5KW	1.5KW	1.5KW
Total Power	2.45KW	3.85KW	4.85KW	5.85KW	8.38KW	9.5KW	12.35KW