



Application & Features

Suitable for Butt-welding plastic pipes and fittings made of PE, PP and PVDF materials. Consists of basic frame, Hydraulic unit, planing tool, Heating mirror, Carry case and optional extras, simple structure, small and user-friendly. Removable PTFE coated heating mirror with accurate temperature control systems. Changeable welding positions enables welding of various fittings. Low starting pressure ensures reliable welding of small bore pipes. High shockproof pressure meter with big face ensuring better readings, separate two-channel timer records time in soaking and cooling phases

Size Range	FHD160	FHD 250	FHD 315	FHD 355
Pipe Sizes mm	63, 75, 90, 110, 125, 140, 160	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
Heating Mirror Max Temp	270 Deg C	270 Deg C	270 Deg C	270 Deg C
Temp Deviation Surface [170-250 Deg C]	<=+- 5 Deg C	<=+- 5 Deg C	<=+- 5 Deg C	<=+- 5 Deg C
Pressure Adjustable Range	0-6.3 Mpa	0-6.3 Mpa	0-6.3 Mpa	0-6.3 Mpa
Working Voltage	220V 50 Hz	220V 50 Hz	220V 50 Hz	220V 50 Hz
Heating Mirror	1 Kw	2 Kw	3 Kw	4 Kw
Planer Power	0.7 Kw	1.1 Kw	1.1 Kw	1.1 Kw
Hydraulic Power	0.75 Kw	0.75 Kw	0.75 Kw	0.75 Kw
Total Power	2.4 Kw	3.85 Kw	4.85 Kw	5.85 Kw
Weight	106 Kg	143 Kg	216 Kg	260 Kg
Packing	3 Cases 0.58 CBM	3 Cases 0.70 CBM	3 Cases 1.70 CBM	3 Cases 1.70 CBM



Application & Features

Suitable for Butt-welding plastic pipes and fittings made of PE, PP and PVDF materials Consists of basic frame. Hydraulic unit, planing tool, Heating mirror, Carry case and optional extras, simple structure, small and user-friendly. Removable PTFE coated heating mirror with accurate temperature control systems. Changeable welding positions enables welding of various fittings. Low starting pressure ensures reliable welding of small bore pipes. High shockproof pressure meter with big face ensuring better readings, separate two-channel timer records time in soaking and cooling phases



Size Range	FHD 450	FHD 500	FHD 630	FHD 800
Pipe Sizes mm	200, 225, 250, 280, 315, 355, 400, 450	200, 225, 250, 280, 315, 355, 400, 450, 500	315, 355, 400, 450, 500, 560, 630	450, 500, 560, 630, 710, 800
Heating Mirror Max Temp	270 Deg C	270 Deg C	270 Deg C	270 Deg C
Temp Deviation Surface [170-250 Deg C]	<=+- 5 Deg C	<=+- 7 Deg C	<=+- 7 Deg C	<=+- 7 Deg C
Pressure Adjustable Range	0 - 8 Mpa	0 - 8 Mpa	0 - 8 Mpa	0 - 16 Mpa
Working Voltage	380 Vac 50 Hz	380 Vac 50 Hz	380 Vac 50 Hz	380 Vac 50 Hz
Heating Mirror	5.38 Kw	6.5 Kw	9.35 Kw	12.5 Kw
Planer Power	1.5 Kw	1.5 Kw	1.5 Kw	2.2 Kw
Hydraulic Power	1.5 Kw	1.5 Kw	1.5 Kw	3 Kw
Crane Power	-	1.1 Kw	1.1 Kw	1.5 Kw
Total Power	8.38 Kw	9.5 Kw	12.35 Kw	18.2 Kw
Weight	560 Kg	700 Kg	780 Kg	1360 Kg
Packing	4 Cases 3.16 CBM	4 Cases 4.43 CBM	4 Cases 4.43 CBM	4 Cases 8.39 CBM



Application & Features

Suitable for Butt-welding plastic pipes and fittings made of PE, PP and PVDF materials. Consists of basic frame, Hydraulic unit, planing tool, Heating mirror, Carry case and optional extras, simple structure, small and user-friendly. Removable PTFE coated heating mirror with accurate temperature control systems. Changeable welding positions enables welding of various fittings. Low starting pressure ensures reliable welding of small bore pipes. High shockproof pressure meter with big face ensuring better readings, separate two-channel timer records time in soaking and cooling phases



Size Range	FHD 1000	FHD 1200
Pipe Sizes mm	630, 710, 800, 900, 1000	630, 710, 800, 900, 1000, 1100, 1200
Heating Mirror Max Temp	270 Deg C	270 Deg C
Temp Deviation Surface [170-250 Deg C]	<=+- 7 Deg C	<=+- 7 Deg C
Pressure Adjustable Range	0 - 16 Mpa	0 - 16 Mpa
Working Voltage	380 Vac 50 Hz	380 Vac 50 Hz
Heating Mirror	17.5 Kw	21.5 Kw
Planer Power	3 Kw	4 Kw
Hydraulic Power	3 Kw	3 Kw
Crane Power	0.5 Kw	1 Kw
Total Power	24 Kw	29.5 Kw
Weight	2600 Kg	2740 Kg
Packing	5 Cases 15.0 CBM	5 Cases 19.54 CBM



Application & Features

Suitable for Butt-welding plastic pipes and fittings made of PE, PP and PVDF materials. Latest design for basic frame, hydraulic unit, planing tool, heating mirror, carry care and optional extras. Integrated oil-way design of hydraulic system, simple structure small and user-friendly. Simple design of electrical control system with high stability and reliability. sealed control box design making it dust proof and waterproof. Low starting pressure ensures reliable welding of small bore pipes. High shockproof pressure meter with big face ensuring better readings.

Size Range	FHD 160-II	FHD 250-II	FHD 315-II	FHD 355-II
Pipe Sizes 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
Heating Mirror Max Temp	270 Deg C	270 Deg C	270 Deg C	270 Deg C
Temp Deviation Surface [170-250 Deg C]	<=+- 5 Deg C	<=+- 5 Deg C	<=+- 5 Deg C	<=+- 5 Deg C
Pressure Adjustable Range	0 - 7 Mpa	0 - 7 Mpa	0 - 7 Mpa	0 - 7 Mpa
Working Voltage	220 Vac 50 Hz	220 Vac 50 Hz	220 Vac 50 Hz	220 Vac 50 Hz
Heating Mirror	1 Kw	2 Kw	3 Kw	4 Kw
Planer Power	0.7 Kw	1.1 Kw	1.1 Kw	1.1 Kw
Hydraulic Power	0.75 Kw	0.75 Kw	0.75 Kw	0.75 Kw
Total Power	2.4 Kw	3.85 Kw	4.85 Kw	5.85 Kw
Weight	106 Kg	143 Kg	216 Kg	260 Kg
Packing	3 Cases 0.58 CBM	3 Cases 0.70 CBM	3 Cases 1.07 CBM	3 Cases 1.07 CBM