

**Application & Features**

Suitable for buttwelding of plastic pipes and fittings made from PE, PP and PVDF material. Removable PTEE coated heating plate with high accurate temperature control system. Electrical plaining tool with safety limit switch enables it to be started only when it is locked in operation position, Mechanical Lock to maintain welding pressure. Spring manometer provides correct welding pressure, pivoting plaining tool brings convenience for placing and removing



Model	FHG 160	FHG 315
Pipe Sizes mm	250, 63, 75, 90, 110, 125, 140, 160	50, 63, 75, 90, 110, 125, 140, 160
Application	Pipe > Pipe of Fittings & Fittings > Fittings	Pipe > Pipe of Fittings & Fittings > Fittings
Heating Mirror Max Temp	260 Deg C	260 Deg C
Temp Deviation Surface [170-250 Deg C]	<=+- 5 Deg C	<=+- 5 Deg C
Working Voltage	220V 50 Hz	220V/240V 50 Hz
Planer Power	0.7 Kw	1.1 Kw
Heating Plate Power	1 Kw	2.2 Kw
Total Power	1.7 Kw	3.3 Kw
Weight	54 Kg	183 Kg



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Smart structure, small and delicate. User-friendly.  
 The heating plate has adjustable temperature (te) or constant temperature (tf) options.  
 Changeable heating plate, suitable for same diameter and socket pipe butt welding, robust and ergonomic clamp design, easy operation and ensures good pipeline alignment.

Technical Parameters	Fusion Welding	Technical Parameters	Socket Welding
Pipe Sizes mm	40, 50, 63, 75, 90, 110, 125, 140, 160	Pipe Sizes mm	40, 50, 63, 75, 90, 110, 125, 140, 160
Welding Angle	0 -30 Degrees	Applicable Material	PE, PP, PB, PVDF
Max Power	11 -33	Mould Care	Customisation
Heating Mirror Power	1900 W	Max Power	1000 W
Heating Mirror Power	1100 W	Heating Plate Power	1000 W
Planer Tool Power	800 W	Basic Frame Size	830 x 660 x 1090 mm
Basic Frame Size	830 x 660 x 1090 mm	Weight	75 Kg
Weight	65 Kg	Temp Deviation in Surface	180 – 280 Deg C
Temp Deviation in Surface	180 – 280 Deg C		