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### Application & Features

Suitable for fabricating elbows, tees, crosses and Y-pieces (45° & 60°) fittings for PE, PP PVDF in workshops. Also used to lengthen injection moulded fittings and to make integrated fittings, integrated structure. Electric plainer with safety limit switch. Low starting pressure and high reliable structure. Separate two channel timer records time for soaking and cooling phases. High accurate and shockproof pressure gauge indicates cleaner readings. FHG 450 upward CNC equipped with PLC and touchscreen. Hydraulic open and close clamp system to improve ergonomics. Extension for data collection and transmission system. Extension for remote fault analysis. Extension for company MES management system.



Size Range	FHG 315	FHG 450	FHG 630
Pipe Sizes mm	90, 110, 125, 140, 160, 180 200, 225, 250, 280, 315	200, 225, 280, 315 355, 400, 450	315, 355, 400, 450, 500 560, 630
Application	0-90 Deg Elbows, Tees, Crosses 45 & 60 Deg Wyes (Optional Part to be used)	0-90 Deg Elbows, Tees, Crosses 45 & 60 Deg Wyes (Optional Part to be used)	0-90 Deg Elbows, Tees, Crosses 45 & 60 Deg Wyes (Optional Part to be used)
Heating Mirror Max Temp	270 Deg C	270 Deg C	270 Deg C
Temp Deviation Surface [170-250 Deg C]	<=+- 7 Deg C	<=+- 7 Deg C	<=+- 7 Deg C
Pressure Adjustable Ranges	6 MPa	0-14 MPa	0-14 MPa
Working Voltage	380 VAC 50 Hz	380 VAC 50 Hz	380 VAC 50 Hz
Heating Mirror Power	5 Kw	12.2 Kw	22.25 Kw
Planer Power	1.5 Kw	2.2 Kw	3 Kw
Hydraulic Unit Power	0.75 Kw	3 Kw	4 Kw
Total Power	7.25 Kw	17.4 Kw	29.25 Kw
Weight	884 Kg	2850 Kg	3510 Kg
Packing	4 Case 3.1 CBM	4 Case 14.66 CBM	9 Case 22.7 CBM



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Size Range	FHG 800	FHG 1000	FHG 1200
Pipe Sizes mm	400, 500, 560, 630 710, 800	630, 710, 800, 900 1000	630, 710, 800, 900, 1000, 1200,
Application	0-90 Deg Elbows, Tees, Crosses 45 & 60 Deg Wyes (Optional Part to be used)	0-90 Deg Elbows, Tees, Crosses 45 & 60 Deg Wyes (Optional Part to be used)	0-90 Deg Elbows, Tees, Crosses 45 & 60 Deg Wyes (Optional Part to be used)
Heating Mirror Max Temp	270 Deg C	270 Deg C	270 Deg C
Temp Deviation Surface [170-250 Deg C]	<=+- 7 Deg C	<=+- 10 Deg C	<=+- 5 Deg C
Pressure Adjustable Ranges	0-14 MPa	0-14 MPa	0-15 MPa
Working Voltage	380 VAC 50 Hz	380 VAC 50 Hz	380 VAC 50 Hz
Heating Mirror Power	39.23 Kw	47.2 Kw	61.39 Kw
Planer Power	4 Kw	4 Kw	7.5 Kw
Hydraulic Unit Power	4 Kw	4 Kw	7.5 Kw
Total Power	347.23 Kw	44.5 Kw	76.39 Kw
Weight	4900 Kg	16000 Kg	18000 Kg
Packing	11 Case 23.3 CBM	11 Case 41.93 CBM	11 Case 45.93 CBM