



## **W** HYDRAULIC BUTT FUSION WELDING MACHINE

### Product Profile :

- High performance butt fusion welding equipment for PE, PP, PB & PVDF pipes and fittings for all pressure and SDR stages.
- Complete machine consists of basic frame, facer, heater, carrying frame, clamping inserts, hydraulic unit, tool box, operational manual and manufacturer's test certificate.
- Suitable for working in trenches, on site and in workshop.
- Portable and user friendly interface.
- Glycerine cushioned pressure gauge to absorb shocks and give precise readings.
- High quality anti-stick PTFE coated heating plate with precision temperature control system.
- Equipped with two inbuilt timer controller which gives a notification on completion of soaking & cooling time.
- Coupling sleeve protection to avoid oil leakage.
- Planner equipped with safety limit switch which enables to start only when it is safe.
- Changeable welding position gives flexibility of welding various HDPE fittings.

### Optional Accessories

- Flange Adaptor (Stub end device)
- Data logger for recording Welding Data
- Pulling Trolley
- Electrical Hoist

### On Request

- Premium model & CNC machines on request.
- Imperial sizes & customized clamps on request.

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## Product Specifications

Model No.	WHDW160	WHDW250	WHDW315	WHDW355
Welding Range (Metric - OD)	63 – 160 MM	90 – 250 MM	90 – 315 MM	90 – 355 MM
Max. Heater Temp.	270°C	270°C	270°C	270°C
Input Voltage Req.	220V, 50/60HZ, 1P	220V, 50/60HZ, 1P	220V, 50/60HZ, 1P	220V, 50/60HZ, 1P
Heater Power	1.7 KW	3.1 KW	3.7 KW	3.7 KW
Facer Power	1.2 KW	1.2 KW	1.2 KW	1.2 KW
Hydraulic Unit Power	0.75 KW	0.75 KW	0.75 KW	0.75 KW
Total Power Requirements	3.65 KW	5.05 KW	5.65 KW	5.65 KW
Reducer Inserts (MM)	63, 75, 90, 110, 125, 140 MM	90, 110, 125, 140, 160, 180, 200, 225 MM	90, 110, 125, 140, 160, 180, 200, 225, 250, 280 MM	90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315 MM
Shipping Details	100KG/ 0.57 CBM/ 3 Wooden cases	140KG/ 0.68 CBM/ 3 Wooden cases	210KG/ 1.05 CBM/ 3 Wooden cases	255KG/ 1.06 CBM/ 3 Wooden cases



## Product Specifications

Model No.	WHDW450	WHDW500	WHDW630
Welding Range (Metric - OD)	200 – 450 MM	200 – 500 MM	315 – 630 MM
Maximum Heater Temperature	270°C	270°C	270°C
Input Voltage Requirements	380V, 50/60Hz, 3P	380V, 50/60 Hz, 3P	380V, 50/60 Hz, 3P
Heater Power	5.4 KW	9.4 KW	9.4 KW
Facer power	1.5 KW	1.5 KW	1.5 KW
Hydraulic Unit Power	1.5 KW	1.5 KW	1.5 KW
Total Power Requirements	8.4 KW	12.4 KW	12.4 KW
Reducer Inserts (MM)	200, 225, 250, 280, 315, 355, 400 MM	200, 225, 250, 280, 315, 355, 400, 450 MM	315, 355, 400, 450, 500, 560 MM
Shipping Details	558KG/ 3.16 CBM/ 3 Wooden cases	698KG/ 4.43CMB/ 3 Wooden cases	778KG/ 4.43 CBM/ 3 Wooden cases



**Product Specifications**

Model No.	WHDW800	WHDW1000	WHDW1200
Welding Range (Metric - OD)	450 – 800 MM	630 – 1000 MM	630 – 1200 MM
Maximum Heater Temperature	270°C	270°C	270°C
Input Voltage Requirements	380V, 50/60Hz, 3P	380V, 50/60 Hz, 3P	380V, 50/60 Hz, 3P
Heater Power	12.6 KW	17.6 KW	21.6 KW
Facer power	2.2 KW	3 KW	4 KW
Hydraulic Unit Power	1.5 KW	3 KW	3 KW
Electrical Hoist Power (Optional)	0.5 KW	0.5 KW	1 KW
Total Power Requirements	16.8 KW	24.1 KW	29.6 KW
Reducer Inserts (MM)	450, 500, 560, 630, 710 MM	630, 710, 800, 900 MM	630, 710, 800, 900, 1000 MM
Shipping Details	1689KG/ 8.38 CBM/ 5 Wooden cases	2598KG/ 14.9CMB/ 5 Wooden cases	3938KG/ 19.5 CBM/ 5 Wooden cases



**Product Specifications**

Model No.	WHDW1600	WHDW1800	WHDW2200	WHDW2500
Welding Range (Metric - OD)	1000 – 1600 MM	1600 – 1800 MM	2000 – 2200 MM	2300 – 2500 MM
Max. Heater Temp.	270°C	270°C	270°C	270°C
Input Voltage Req.	380V, 50/60HZ, 3P	380V, 50/60HZ, 3P	380V, 50/60HZ, 3P	380V, 50/60HZ, 3P
Heater Power	43 KW	43 KW	49 KW	73 KW
Facer Power	7.5 KW	7.5 KW	7.5 KW	7.5 KW
Hydraulic Unit Power	3.0 KW	3.0 KW	7.5 KW	7.5 KW
Total Power Requirements	53.5 KW	53.5 KW	64.0 KW	88.0 KW
Reducer Inserts (MM)	1000, 1200, 1400 MM	1600 MM	2000, 2100 MM	2300, 2400 MM
Gross Weight	5198 KG	7999 KG	9698 KG	12998 KG