



Polymold Products

QUALITY GOES IN. NAME GOES UP.

HDPE PIPE WELDING MACHINE – MODEL NO 450 HDC

Part 1 – Technical Offer

SEMI-AUTO BUTT FUSION WELDING MACHINE



Hydraulic unit



Basic frame



Planing tool



Heating plate



Heating plate connection



Support



Clamp



Stud end device for short flange(optional)



Single clamp(optional)



Crane(optional)



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Part 1 – Technical Offer

Pipe Size	200,225,250,280,315,355,400 & 450mm
Heating Plate Max Temperature	270°C
Temp Deviation on surface (170 – 250 ° C)	< ±7°C
Pressure Adjustable Range	0 – 8 MPa (0 – 81.5 kg/cm ²)
Working Voltage	380 – 440V, 3 Phase + 1 neutral . 50 Hz
Heating Plate Power Consumption	5.38 KW
Planer / Trimmer Tool Power	1.5 KW
Hydraulic Unit Power	1.5 KW
TOTAL POWER	8.38 KW
Weight	530 kg
Packing	3 Plywood Cases
Volume	2.2 CBM

- ▶ Suitable for butt welding of plastic pipes and fittings made of PE, PP and PVDF in a ditch in worksite or workshop.
- ▶ Consists of basic frame, hydraulic unit, planing tool, heating plate, support for planing tool & heating plate, and optional parts.
- ▶ Removable PTFE coated heating plate with high accurate temperature control system;
- ▶ Electrical planing tool.
- ▶ Be made of lightweight and high strength material; simple structure, small and delicate, user friendly.
- ▶ Low starting pressure ensures reliable welding quality of small pipes.
- ▶ Changeable welding position enables to weld various fittings more easily.
- ▶ High accurate and shockproof pressure meter indicates clearer readings.
- ▶ Separate two-channel timer records time in soaking and cooling phases.



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