



Polymold Products

QUALITY GOES IN. NAME GOES UP.

HDPE PIPE WELDING MACHINE – MODEL NO 200 HDC

Part 1 – Technical Offer



◆Welding schematic diagram◆



Pipe Size	63,75,90,110,125,140,160,180, & 200
Heating Plate Max Temperature	270°C
Temp Deviation on surface (170 – 250 ° C)	< ±7°C
Pressure Adjustable Range	0-8 MPa
Working Voltage	220V, 50 Hz
Heating Plate Power Consumption	1.8 KW
Planer / Trimmer Tool Power	1.1 KW
Hydraulic Unit Power	0.75 KW
TOTAL POWER	3.65 KW
Weight	135 Kg
Packing	2 Boxes
Volume	0.53 CBM



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Part 1 – Technical Offer

- ▶ 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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