



**Polymold Products**

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**HDPE PIPE WELDING MACHINE – MODEL NO 315 HDC**

**Part 1 – Technical Offer**



◆ Welding schematic diagram ◆



<b>Pipe Size</b>	63,75,90,110,125,140,160,180,200,225, 250,280 & 315mm
<b>Heating Plate Max Temperature</b>	270°C
<b>Temp Deviation on surface (170 – 250 ° C )</b>	< ±7°C
<b>Pressure Adjustable Range</b>	0-8 MPa
<b>Working Voltage</b>	220V, 50 Hz
<b>Heating Plate Power Consumption</b>	3.0 KW
<b>Planer / Trimmer Tool Power</b>	0.75 KW
<b>Hydraulic Unit Power</b>	0.75 KW
<b>TOTAL POWER</b>	<b>4.5 KW</b>
<b>Weight</b>	200 KG
<b>Packing</b>	3 PLYWOOD CASES
<b>Volume</b>	4.43 CBM



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## HDPE PIPE WELDING MACHINE – MODEL NO 315 HDC

### 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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