

TECHNICAL SPECIFICATION

Plastic pipes hydraulic butt welding machine LHY160/63



◆ **Main frame**

German hydraulic seals

Main frame includes 4 light weight alloy main clamps of 160mm

Italian STUCCHI quick connector and quick release hoses

High quality Aluminum castings allows for lower weight without compromising strength and performance.

Optional stub end device for welding end fittings

◆ **Heating plate**

Removable cast Aluminum PTFE coated heating plate with electronic temperature control, THE surface temperature difference is less than $\pm 5^{\circ}$

◆ **Stand**

Stand for heating plate and facing tool.

◆ **Facing tool**

Install limit protection switch to prevent accidents, blade can be used on both sides, the material is 6CrW2Si.

◆ **Hydraulic unit**

German accumulator

Integrated type hydraulic valve

Electro hydraulic pump with controls

Shanghai Jinling electro motor (Sino-Japanese joint venture)

◆ **Welding ranges: plastic pipes: 63mm — 160mm**

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(63mm—75mm—90mm—110mm—125mm—140mm—160mm) , each size is 8 pcs

- ◆ Ranges of application: PE, PP and PVDF
- ◆ **Max. thickness of pipe: SDR9**
- ◆ **Working voltage: single phase, ~220V ±10%, 50/60Hz**

Total power: 2.45 kW, including: facing tool: 0.7 kW, heating plate: 1.0 kW, hydraulic unit motor: 0.75

- ◆ Environment temperature: $-10^{\circ} \sim 45^{\circ}$
- ◆ Electronic count-down timer for heating and cooling time ;
- ◆ Whole machine consists of basic frame, heating plate, facing tool, hydraulic unit and stand (for facing tool & heating plate)

ACCESSORIES LIST

LHY160/63 butt welding machine

Item	Description	Unit	Qty	Remark
1	Main frame with full set layer inserts	set	1	63~160mm
2	Hydraulic Unit	set	1	0.75 motor
3	Carrying stand	set	1	0.7KW
4	Facing tool	set	1	
5	Heating plate	set	1	With heating plate cable
6	Operation manual	pcs	1	
7	Test report	Pcs	1	
Attachment with machine				
1	Tool box	pcs	1	
2	Wrench for main clamps	pcs	1	22~24mm
3	Double open wrench	pcs	1	14~17, 17~19
4	Screwdriver for inserts	pcs	1	6×150mm
5	Inner hexangular wrench	pcs	1	M5 M6 M8
6	Inserts bolts	pcs	1	
7	Oil reservoir breathing cap	pcs	1	
Spare parts				
1	Facing tool blade	pcs	2	
2	Main clamp screw	pcs	2	
3	Start-up capacitance	pcs	2	25μf 100μf
4	Platinum resistance PT100	pcs	1	
5	Contactora	pcs	1	
6	Fuse	pcs	1	

PACKING LIST

LHY160/63 hydraulic butt welding machine

Item	Dimension with packing (mm)	N.W (KG)	G.W (KG)	Remark
1	980×480×550	55	70	Basic frame (include liner 63~160mm)
2	500×470×620	25	35	Heating plate, facing tool, support, attachments and spare parts
3	760×490×620	62	82	Hydraulic unit
Total	0.64CBM	142	187	