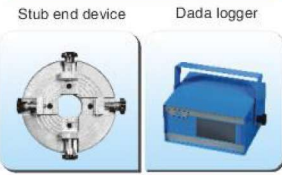




# SHD 160 BUTT FUSION WELDING MACHINE

## OPTIONAL PARTS



### Application & Features:

- 1: Consists of basic frame, milling cutter, heating plate, hydraulic unit, support.
- 2: Working environment must be between -40C° ~ +40C°.
- 3: Pressure adjustable range: 0-6Mpa.
- 4: Heating plate Max. temperature: 270°C.
- 5: Suitable for material of PE, PP, PVDF.



## SHD 160 TECHNOLOGY INFORMATION

Welding Range: 40mm, 50mm, 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm					
Package Size: 93*54*51 cm		67*51*51 cm		2 Plywood Cases	
Total Volume: 0.430m <sup>3</sup>		Net Weight: 90kgs		Gross Weight: 111kgs	
	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
Size	82*44*40 cm	37*5*35 cm	31*24*32 cm	30*18.5*42 cm	58*47*47 cm
Weight	38kgs	3kgs	6kgs	1.5kgs	41.5kgs
Power	2.65KW/220V				



The main body supports and centres the plastic pipes with two fixed and two movable clamps. Using the hydraulic pressure on the system, the two pistons on the carrying metal bars move the clamps forward and backward and supply the necessary movement for the welding process.

### SHD 160 BASIC FRAME

Power/Voltage	Size	Weight	Volume
220V	82*44*40 cm	38kgs	0.145m <sup>3</sup>



The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process. HDC160 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

### SHD 160 MILLING CUTTER

Power/Voltage	Size	Weight	Volume
0.9KW/220V	31*24*32 cm	6kgs	0.024m <sup>3</sup>



The pipe ends will be heated by this heater before the welding process. The setting of the heater will be done by the thermostat on the plates. HDC160 butt welding machine PTFE-coated heating element and uniform surface temperature.

### SHD 160 HEATING PLATE

Power/Voltage	Size	Weight	Volume
1KW/220V	37*5*35 cm	3kgs	0.007m <sup>3</sup>



The necessary electric will be transferred to the heater and milling cutter by means of this unit and to the main machine by the hydraulic pressure.

### SHD 160 HYDRAULIC UNIT

Power/Voltage	Size	Weight	Volume
0.75KW/220V	58*47*47 cm	41.5kgs	0.129m <sup>3</sup>



The protective casing prevents heat loss of the heater and protects the trimmer from external effects.

### SHD 160 SUPPORT

Size	Weight	Volume
30*18.5*42 cm	1.5kgs	0.024m <sup>3</sup>