



# SHD 315 BUTT FUSION WELDING MACHINE

## OPTIONAL PARTS

Stub end device



Dada logger



### 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 315 TECHNOLOGY INFORMATION

Welding Range: 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm, 225mm, 250mm, 280mm, 315mm

Package Size: 99\*65\*61 cm 74\*71\*66 cm 2 Plywood Cases

Total Volume: 0.740m <sup>3</sup>		Net Weight: 154.8kgs		Gross Weight: 187.3kgs	
	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
Size	94*62*60 cm	44*5*53 cm	59*38*58 cm	48*28.5*56.5 cm	58*47*47 cm
Weight	80kgs	7.8kgs	22kgs	3.5kgs	41.5kgs
Power	4.95KW/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 315 BASIC FRAME

Power/Voltage	Size	Weight	Volume
220V	94*62*60 cm	80 kgs	0.350m <sup>3</sup>



The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.  
SHD 315 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

### SHD 315 MILLING CUTTER

Power/Voltage	Size	Weight	Volume
1.2KW/220V	59*38*58 cm	22kgs	0.130m <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. SHD 315 butt welding machine PTFE-coated heating element and uniform surface temperature.

### SHD 315 HEATING PLATE

Power/Voltage	Size	Weight	Volume
3KW/220V	44*5*53 cm	7.8kgs	0.012m <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 315 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 315 SUPPORT

Size	Weight	Volume
48*28.5*56.5 cm	3.5kgs	0.078m <sup>3</sup>