



# SHD 450 BUTT FUSION WELDING MACHINE

## Application & Features:

- 1: Consists of basic frame, milling cutter, heating plate, hydraulic unit, electric unit, support.
- 2: Working environment must be between -40°C ~ +40°C.
- 3: Pressure adjustable range: 0-10Mpa.
- 4: Heating plate Max. temperature: 270°C.
- 5: Suitable for mater

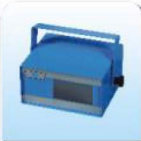


### OPTIONAL PARTS

Stub end device



Dada logger



Electric crane and hoist



## SHD 450 TECHNOLOGY INFORMATION

Welding Range: 180mm, 200mm, 225mm, 250mm, 280mm, 315mm, 355mm, 400mm, 450mm

Package Size: 131\*90\*96 cm 94\*55\*123 cm 74.5\*54\*48 cm 3 Plywood Cases

Total Volume: 1.970m <sup>3</sup>		Net Weight: 347kgs			Gross Weight: 400kgs	
	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit	Electric Unit
Size	120*74*79 cm	71*110*70 cm	63*16*98 cm	50*50*60 cm	58*46*45 cm	38*20*43 cm
Weight	200kgs	16kgs	59kgs	13kgs	49kgs	10kgs
Power	8.2KW/380V					



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 450 BASIC FRAME

Power/Voltage	Size	Weight	Volume
380V	120*74*79 cm	200 kgs	0.702m <sup>3</sup>

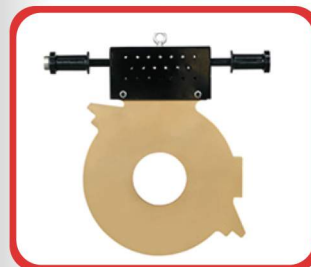


The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.

SHD 450 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

### SHD 450 MILLING CUTTER

Power/Voltage	Size	Weight	Volume
1.5KW/380V	63*16*98 cm	59kgs	0.099m <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 450 butt welding machine PTFE-coated heating element and uniform surface temperature.

### SHD 450 HEATING PLATE

Power/Voltage	Size	Weight	Volume
5.2KW/380V	71*110*70 cm	16kgs	0.050m <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 450 HYDRAULIC UNIT

Power/Voltage	Size	Weight	Volume
1.5KW/380V	58*46*45 cm	49kgs	0.120m <sup>3</sup>

### SHD 450 ELECTRIC UNIT

Power/Voltage	Size	Weight	Volume
380V	38*20*43 cm	10kgs	0.033m <sup>3</sup>



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

### SHD 450 SUPPORT

Size	Weight	Volume
50*50*60 cm	13kgs	0.150m <sup>3</sup>