



SHD 630 BUTT FUSION WELDING MACHINE

OPTIONAL PARTS

Stub end device Dada logger Electric crane and hoist



Application & Features:

- 1: Consists of basic frame, milling cutter, heating plate, hydraulic unit, electric unit, support.
- 2: Working environment must be between $-40^{\circ}\text{C} \sim +40^{\circ}\text{C}$.
- 3: Pressure adjustable range: 0-10Mpa.
- 4: Heating plate Max. temperature: 270°C .
- 5: Suitable for material of PE, PP, PVDF.



SHD 630 TECHNOLOGY INFORMATION

Welding Range: 315mm, 355mm, 400mm, 450mm, 500mm, 560mm, 630mm

Package Size: 143*100*105 cm 140*109*65 cm 74*50*45 cm 3 Plywood Cases

Total Volume: 2.660m ³		Net Weight: 540kgs		Gross Weight: 645kgs		
	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit	Electric Unit
Size	131*97*92 cm	91*7*100 cm	78*29*109 cm	63*58*71 cm	58*46*45 cm	38*20*43 cm
Weight	330kgs	34kgs	103kgs	14kgs	49kgs	10kgs
Power	12.2KW/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 630 BASIC FRAME

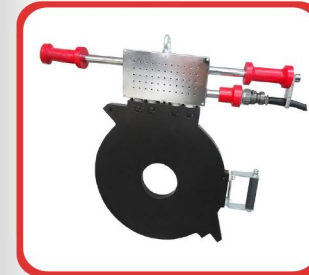
Power/Voltage	Size	Weight	Volume
380V	131*97*92 cm	330kgs	1.169m ³



The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
SHD 630 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	78*29*109 cm	103kgs	0.247m ³



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 630 butt welding machine PTFE-coated heating element and uniform surface temperature.

SHD 630 HEATING PLATE

Power/Voltage	Size	Weight	Volume
9.2KW/380V	91*7*100 cm	34kgs	0.064m ³



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 630 HYDRAULIC UNIT

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



SHD 630 ELECTRIC UNIT

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



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

SHD 630 SUPPORT

Size	Weight	Volume
63*58*71 cm	14kgs	0.260m ³