



HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

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HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD



Company Profile

Henan Exlon Environmental Protection Technology Co., Ltd is a professional manufacturer of HDPE butt fusion welding machine, HDPE electrofusion welding machine , HDPE workshop fitting machine , HDPE pipe band saw and CNC welding machine . Our company strictly implement CE and ISO9001:2008 standards, the product is detected by the state authorities, the mechanical properties and physicochemical, health indicators are up to the requirements of the relevant standards. the purpose of supporting services, and actively participate in the international and domestic competition, to improve the living environment of mankind work hard!



Qualification Certificate





EXLON PIPE

HDC160 BUTT FUSION WELDING MACHINE**Application & Features:**

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

**OPTIONAL PARTS****HDC160 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 ³		Net Weight: 90kgs		Gross Weight: 111kgs	
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
Weight	82*44*40 cm	37.5*35 cm	31*24*32 cm	30*18.5*42 cm	58*47*47 cm
Power	38kgs	3kgs	6kgs	1.5kgs	41.5kgs
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.

HDC160 Basic Frame

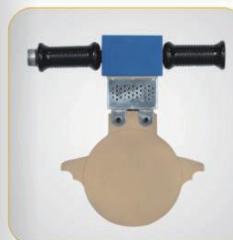
Power/Voltage	Size	Weight	Volume
220V	82*44*40 cm	38kgs	0.145m ³

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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.

HDC160 Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	31*24*32 cm	6kgs	0.024m 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.
HDC160 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC160 Heating Plate

Power/Voltage	Size	Weight	Volume
1KW/220V	37.5*35 cm	3kgs	0.007m 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.

HDC160 Hydraulic Unit

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



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

HDC160 Support

Size	Weight	Volume
30*18.5*42 cm	1.5kgs	0.024m ³

HDC200 BUTT FUSION WELDING MACHINE

Application & Features:

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



OPTIONAL PARTS



HDC200 Technology Information

Welding Range: 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm				
Package Size: 93'54"51 cm 73'51"51 cm 2 Plywood Cases				
Total Volume: 0.446m³		Net Weight: 96.4kgs		Gross Weight: 116.4kgs
Size	Basic Frame	Heating Plate	Milling Cutter	Support
Weight	42kgs	3.8kgs	7kgs	2.1kgs
Power	3.25KW/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.

HDC200 Basic Frame

Power/Voltage	Size	Weight	Volume
220V	85'48"44 cm	42kgs	0.180m³

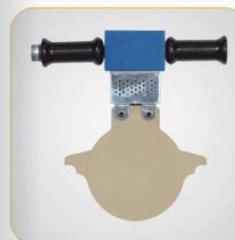
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The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDC200 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC200 Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	35'36"35 cm	7kgs	0.044m³



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.
HDC200 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC200 Heating Plate

Power/Voltage	Size	Weight	Volume
1.6KW/220V	37'5'40 cm	3.8kgs	0.008m³



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.

HDC200 Hydraulic Unit

Power/Voltage	Size	Weight	Volume
0.75KW/220V	58'4"7'47 cm	41.5kgs	0.129m³



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

HDC200 Support

Size	Weight	Volume
33.5"18.5"46 cm	2.1kgs	0.029m³



EXLON PIPE

HDC250 BUTT FUSION WELDING MACHINE**Application & Features:**

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

**OPTIONAL PARTS****HDC250 Technology Information**

Welding Range: 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm, 225mm, 250mm					
Package Size: 96'5"50 cm 65.5'50"52 cm 56'5"64.5 cm 3 Plywood Cases					
Total Volume: 0.629m ³		Net Weight: 119.1kgs		Gross Weight: 147.6kgs	
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
Weight	52kgs	5.5kgs	17.5kgs	2.6kgs	41.5kgs
Power	3.95KW/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.

HDC250 Basic Frame

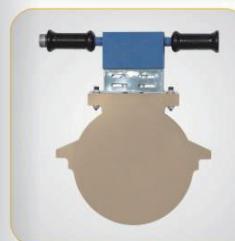
Power/Voltage	Size	Weight	Volume
220V	85'5"43 cm	52 kgs	0.194m ³

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The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDC250 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC250 Milling Cutter

Power/Voltage	Size	Weight	Volume
1.2KW/220V	36'4"747 cm	17.5kgs	0.080m 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.
HDC250 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC250 Heating Plate

Power/Voltage	Size	Weight	Volume
2KW/220V	44'5.5"47 cm	5.5kgs	0.012m 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.

HDC250 Hydraulic Unit

Power/Voltage	Size	Weight	Volume
0.75KW/220V	58'4"747 cm	41.5kgs	0.129m ³



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

HDC250 Support

Size	Weight	Volume
39'2"8"56.5 cm	2.6kgs	0.062m ³



EXLON PIPE

HDC315 BUTT FUSION WELDING MACHINE**Application & Features:**

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

**OPTIONAL PARTS****HDC315 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 ³	Net Weight: 154.8kgs	Gross Weight: 187.3kgs			
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
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.

HDC315 Basic Frame

Power/Voltage	Size	Weight	Volume
220V	94'62"60 cm	80 kgs	0.350m ³

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The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDC315 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC315 Milling Cutter

Power/Voltage	Size	Weight	Volume
1.2KW/220V	59'38"58 cm	22kgs	0.130m 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.
HDC315 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC315 Heating Plate

Power/Voltage	Size	Weight	Volume
3KW/220V	44'5"53 cm	7.8kgs	0.012m 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.

HDC315 Hydraulic Unit

Power/Voltage	Size	Weight	Volume
0.75KW/220V	58'47"47 cm	41.5kgs	0.129m ³



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

HDC315 Support

Size	Weight	Volume
48'28.5"56.5 cm	3.5kgs	0.078m ³



EXLON PIPE

HDC450 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 material of PE, PP, PVDF.



HDC450 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 ³	Net Weight: 347kgs	Gross Weight: 400kgs				
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit	Electric Unit
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.

HDC450 Basic Frame

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

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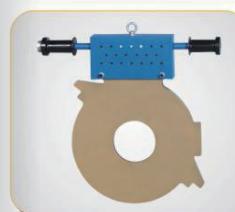


The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.

HDC450 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC450 Milling Cutter

Power/Voltage	Size	Weight	Volume
1.5KW/380V	63*16*98 cm	59kgs	0.099m 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. HDC450 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC450 Heating Plate

Power/Voltage	Size	Weight	Volume
5.2KW/380V	71*10*70 cm	16kgs	0.050m 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.

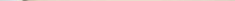
HDC450 Hydraulic Unit

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



HDC450 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.

HDC450 Support

Size	Weight	Volume
50*50*60 cm	13kgs	0.150m ³



EXLON PIPE

HDC500 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 material of PE, PP, PVDF.

**OPTIONAL PARTS****HDC500 Technology Information**

Welding Range:	180mm, 200mm, 225mm, 250mm, 280mm, 315mm, 355mm, 400mm, 450mm, 500mm				
Package Size:	145*98*98 cm 128*108*68 cm 74.5*54*48 cm 3 Plywood Cases				
Total Volume:	2.526m ³		Net Weight:	388kgs	
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
Weight	225kgs	20kgs	71kgs	13kgs	49kgs
Power	9.5KW/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.

HDC500 Basic Frame

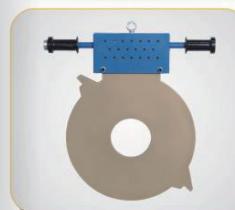
Power/Voltage	Size	Weight	Volume
380V	120*83*84 cm	225kgs	0.837m ³

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The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDC500 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC500 Milling Cutter

Power/Voltage	Size	Weight	Volume
1.5KW/380V	68*18*105 cm	71kgs	0.129m 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.
HDC500 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC500 Heating Plate

Power/Voltage	Size	Weight	Volume
6.5KW/380V	70*8*75 cm	20kgs	0.042m 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.

HDC500 Hydraulic Unit

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

HDC500 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.

HDC500 Support

Size	Weight	Volume
50.5*50.5*62 cm	13kgs	0.158m ³



EXLON PIPE

HDC630 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 material of PE, PP, PVDF.

**OPTIONAL PARTS****HDC630 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	
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
Weight	330kgs	34kgs	103kgs	14kgs	49kgs
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.

HDC630 Basic Frame

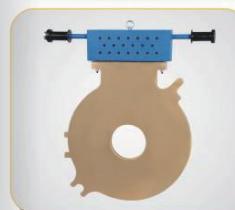
Power/Voltage	Size	Weight	Volume
380V	131*97*92 cm	330kgs	1.169m ³

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDC630 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC630 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.
HDC630 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC630 Heating Plate

Power/Voltage	Size	Weight	Volume
9.2KW/380V	91*71*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.

HDC630 Hydraulic Unit

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



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

HDC630 Electric Unit

Size	Weight	Volume
380V	38*20*43 cm	10kgs



EXLON PIPE

HDC800 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: 0-16MPa.
- 4: Heating plate Max. temperature: 270°C.
- 5: Suitable for material of PE, PP, PVDF.

**HDC800 Technology Information**

Welding Range: 450mm, 500mm, 560mm, 630mm, 710mm, 800mm

Package Size: 186*135*135 cm 187*136*76 cm 83*60*56 cm 3 Plywood Cases

Total Volume: 5.602m ³		Net Weight: 1175kgs		Gross Weight: 1345kgs		
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit	Electric Unit
175*130*128 cm	98*9*104 cm	97*36*150 cm	81*67*90 cm	74*50*45 cm	38*20*43 cm	
Weight	802kgs	61kgs	202kgs	48kgs	52kgs	10kgs
Power	15.8KW/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.

HDC800 Basic Frame

Power/Voltage	Size	Weight	Volume
380V	175*130*128 cm	802kgs	2.912m ³

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDC800 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC800 Milling Cutter

Power/Voltage	Size	Weight	Volume
2.2KW/380V	97*36*150 cm	202kgs	0.524m 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. HDC800 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC800 Heating Plate

Power/Voltage	Size	Weight	Volume
12.1KW/380V	98*9*104 cm	61kgs	0.092m 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.

HDC800 Hydraulic Unit

Power/Voltage	Size	Weight	Volume
1.5KW/380V	74*50*45 cm	52kgs	0.167m ³

HDC800 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.

HDC800 Support

Size	Weight	Volume
81*67*90 cm	48kgs	0.489m ³

HDC1000 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: 0-16MPa.
- 4: Heating plate Max. temperature: 270°C.
- 5: Suitable for material of PE, PP, PVDF.



HDC1000 Technology Information

Welding Range:	630mm, 710mm, 800mm, 900mm, 1000mm				
Package Size:	242*204*177 cm 213*90*135 cm 85*62*52 cm 3 Plywood Cases				
Total Volume:	11.602m ³	Net Weight: 1876kgs		Gross Weight: 2100kgs	
Size	Basic Frame	Heating Plate	Milling Cutter	Support	Hydraulic Unit
Weight	200*160*160 cm	122*10*135 cm	110*34*170 cm	117*76*99 cm	74*50*45 cm
Power	1300kgs	84kgs	320kgs	110kgs	52kgs
	22.4KW/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.

HDC1000 Basic Frame

Power/Voltage	Size	Weight	Volume
380V	200*160*160 cm	1300kgs	5.120m ³

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD



The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDC1000 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDC1000 Milling Cutter

Power/Voltage	Size	Weight	Volume
2.2 KW/380V	110*34*170 cm	320kgs	0.636m 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.
HDC1000 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDC1000 Heating Plate

Power/Voltage	Size	Weight	Volume
18KW/380V	122*10*135 cm	84kgs	0.165m 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.

HDC1000 Hydraulic Unit

Power/Voltage	Size	Weight	Volume
2.2KW/380V	74*50*45 cm	52kgs	0.167m ³

HDC1000 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.

HDC1000 Support

Size	Weight	Volume
117*76*99 cm	110kgs	0.881m ³

HDL160-4M HDL200-4M HDL250-4M BUTT FUSION WELDING MACHINE

Application & Features:

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



HDL160-4M Technology Information

Welding Range: 40mm, 50mm, 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm			
Package Size: 77*57*45 cm 1 Plywood Cases			
Total Volume: 0.198m ³	Net Weight: 44.2kgs	Gross Weight: 52.2kgs	
Size	Basic Frame	Heating Plate	Milling Cutter
74*59*38 cm	30*5*35 cm	36*26*32 cm	30*18.5*42 cm
Weight	34kgs	2.7kgs	6kgs
Power	1.9KW/220V		1.5kgs

HDL200-4M Technology Information

Welding Range: 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm			
Package Size: 77*60*57 cm 1 Plywood Cases			
Total Volume: 0.264m ³	Net Weight: 51.7kgs	Gross Weight: 66.2kgs	
Size	Basic Frame	Heating Plate	Milling Cutter
74*64*43 cm	31*6*39 cm	38*26*36 cm	33.5*18.5*46 cm
Weight	39kgs	3.6kgs	7kgs
Power	2.5KW/220V		2.1kgs

HDL250-4M Technology Information

Welding Range: 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm, 225mm, 250mm			
Package Size: 105*75*70 cm 1 Plywood Cases			
Total Volume: 0.552m ³	Net Weight: 110.6kgs	Gross Weight: 130.6kgs	
Size	Basic Frame	Heating Plate	Milling Cutter
88*77*47 cm	44*5.5*47 cm	36*47*47 cm	39*28*56.5 cm
Weight	85kgs	5.5kgs	17.5kgs
Power	3KW/220V		2.6kgs

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD



The main body supports and centres the plastic pipes with two fixed and two movable clamps.

HDL160-4M Basic Frame

Power/Voltage	Size	Weight	Volume
220V	74*59*38 cm	34kgs	0.166m ³

HDL200-4M Basic Frame

Power/Voltage	Size	Weight	Volume
220V	74*64*43 cm	39kgs	0.204m ³

HDL250-4M Basic Frame

Power/Voltage	Size	Weight	Volume
220V	88*77*47 cm	85kgs	0.319m ³



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

HDL160 HDL200 HDL250 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDL160-4M Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	36*26*32 cm	6kgs	0.030m ³

HDL200-4M Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	38*26*36 cm	7kgs	0.036m ³

HDL250-4M Milling Cutter

Power/Voltage	Size	Weight	Volume
1KW/220V	36*47*47 cm	17.5kgs	0.080m ³



The pipe ends will be heated by this heater before the welding process. HDL160 HDL200 HDL250 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDL160-4M Heating Plate

Power/Voltage	Size	Weight	Volume
1KW/220V	30*5*35 cm	2.7kgs	0.006m ³

HDL200-4M Heating Plate

Power/Voltage	Size	Weight	Volume
1.6KW/220V	31*6*39 cm	3.6kgs	0.008m ³

HDL250-4M Heating Plate

Power/Voltage	Size	Weight	Volume
2KW/220V	44*5.5*47 cm	5.5kgs	0.012m ³



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

HDL160-4M Support

Size	Weight	Volume
30*18.5*42 cm	1.5kgs	0.024m ³

HDL200-4M Support

Size	Weight	Volume
33.5*18.5*46 cm	2.1kgs	0.029m ³

HDL250-4M Support

Size	Weight	Volume
39*28*56.5 cm	2.6kgs	0.062m ³

**HDY160-4M HDY200-4M HDY250-4M
BUTT FUSION WELDING MACHINE**
Application & Features:

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


HDY160-4M Technology Information

Welding Range: 40mm, 50mm, 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm			
Package Size: 61*43*42 cm 1 Plywood Cases			
Total Volume: 0.111m ³	Net Weight: 35.8kgs	Gross Weight: 42.4kgs	
	Basic Frame	Heating Plate	Milling Cutter
Size	56*38*38 cm	30*5*37 cm	33*25*36 cm
Weight	25.5kgs	2.8kgs	6kgs
Power		1.9KW/220V	1.5kgs

HDY200-4M Technology Information

Welding Range: 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm			
Package Size: 61*43*46 cm 1 Plywood Cases			
Total Volume: 0.121m ³	Net Weight: 42.6kgs	Gross Weight: 49.6kgs	
	Basic Frame	Heating Plate	Milling Cutter
Size	56*38*43 cm	31*6*41 cm	40*27*42 cm
Weight	29.5kgs	3.5kgs	7.5kgs
Power		2.5KW/220V	2.1kgs

HDY250-4M Technology Information

Welding Range: 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm, 225mm, 250mm			
Package Size: 74*54*57 cm 1 Plywood Cases			
Total Volume: 0.228m ³	Net Weight: 66.2kgs	Gross Weight: 78.2kgs	
	Basic Frame	Heating Plate	Milling Cutter
Size	69*50*54 cm	39*5.5*47 cm	45*26*49 cm
Weight	46.5kgs	5.6kgs	11.5kgs
Power		3KW/220V	2.6kgs

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD


The main body supports and centres the plastic pipes with two fixed and two movable clamps.

HDY160-4M Basic Frame

Power/Voltage	Size	Weight	Volume
220V	56*38*38 cm	25.5kgs	0.081m ³

HDY200-4M Basic Frame

Power/Voltage	Size	Weight	Volume
220V	56*38*43 cm	29.5kgs	0.092m ³

HDY250-4M Basic Frame

Power/Voltage	Size	Weight	Volume
220V	69*50*54 cm	46.5kgs	0.187m ³



The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process . HDY160, HDY200, HDY250 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDY160-4M Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	33*25*36 cm	6kgs	0.030m ³

HDY200-4M Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	40*27*42 cm	7.5kgs	0.046m ³

HDY250-4M Milling Cutter

Power/Voltage	Size	Weight	Volume
1KW/220V	45*26*49 cm	11.5kgs	0.058m ³



The pipe ends will be heated by this heater before the welding process. HDY160, HDY200, HDY250 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDY160-4M Heating Plate

Power/Voltage	Size	Weight	Volume
1KW/220V	30*5*37 cm	2.8kgs	0.006m ³

HDY200-4M Heating Plate

Power/Voltage	Size	Weight	Volume
1.6KW/220V	31*6*41 cm	3.5kgs	0.008m ³

HDY250-4M Heating Plate

Power/Voltage	Size	Weight	Volume
2KW/220V	39*5.5*47 cm	5.6kgs	0.011m ³



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

HDY160-4M Support

Size	Weight	Volume
29.5*18.5*39 cm	1.5kgs	0.022m ³

HDY200-4M Support

Size	Weight	Volume
29.5*18.5*39 cm	2.1kgs	0.022m ³

HDY250-4M Support

Size	Weight	Volume
36*20.5*46 cm	2.6kgs	0.034m ³

**HDY160-2M HDY200-2M HDY250-2M
BUTT FUSION WELDING MACHINE**
Application & Features:

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


HDY160-2M Technology Information

Welding Range: 40mm, 50mm, 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm			
Package Size: 50*43*42 cm 1 Plywood Cases			
Total Volume: 0.091m ³	Net Weight: 26.3kgs	Gross Weight: 32.3kgs	
Size	Basic Frame	Heating Plate	Milling Cutter
44*38*38 cm	30*5*37 cm	33*25*36 cm	29.5*18.5*39 cm
Weight	16kgs	2.8kgs	6kgs
Power	1.9KW/220V		1.5kgs

HDY200-2M Technology Information

Welding Range: 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm			
Package Size: 50*43*46 cm 1 Plywood Cases			
Total Volume: 0.099m ³	Net Weight: 31.6kgs	Gross Weight: 37.6kgs	
Size	Basic Frame	Heating Plate	Milling Cutter
44*38*43 cm	31*6*41 cm	40*27*42 cm	29.5*18.5*39 cm
Weight	18.5kgs	3.5kgs	7.5kgs
Power	2.5KW/220V		2.1kgs

HDY250-2M Technology Information

Welding Range: 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm, 225mm, 250mm			
Package Size: 56*54*57 cm 1 Plywood Cases			
Total Volume: 0.173m ³	Net Weight: 48.7kgs	Gross Weight: 57.2kgs	
Size	Basic Frame	Heating Plate	Milling Cutter
49*50*54 cm	39*5.5*47 cm	45*26*49 cm	36*20.5*46 cm
Weight	29kgs	5.6kgs	11.5kgs
Power	3KW/220V		2.6kgs

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD


The main body supports and centres the plastic pipes with one fixed and one movable clamps.

HDY160-2M Basic Frame

Power/Voltage	Size	Weight	Volume
220V	44*38*38 cm	16kgs	0.064m ³
HDY200-2M Basic Frame			
Power/Voltage	Size	Weight	Volume
220V	44*38*43 cm	18.5kgs	0.072m ³
HDY250-2M Basic Frame			
Power/Voltage	Size	Weight	Volume
220V	49*50*54 cm	29kgs	0.133m ³



The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDY160, HDY200, HDY250 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDY160-2M Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	33*25*36 cm	6kgs	0.030m ³
HDY200-2M Milling Cutter			
Power/Voltage	Size	Weight	Volume
0.9KW/220V	40*27*42 cm	7.5kgs	0.046m ³
HDY250-2M Milling Cutter			
Power/Voltage	Size	Weight	Volume
1KW/220V	45*26*49 cm	11.5kgs	0.058m ³



The pipe ends will be heated by this heater before the welding process.
HDY160, HDY200, HDY250 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDY160-2M Heating Plate

Power/Voltage	Size	Weight	Volume
1KW/220V	30*5*37 cm	2.8kgs	0.006m ³
HDY200-2M Heating Plate			
Power/Voltage	Size	Weight	Volume
1.6KW/220V	31*6*41 cm	3.5kgs	0.006m ³
HDY250-2M Heating Plate			
Power/Voltage	Size	Weight	Volume
2KW/220V	39*5.5*47 cm	5.6kgs	0.011m ³



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

HDY160-2M Support

Size	Weight	Volume
29.5*18.5*39 cm	1.5kgs	0.022m ³
HDY200-2M Support		
Size	Weight	Volume
29.5*18.5*39 cm	2.1kgs	0.022m ³
HDY250-2M Support		
Size	Weight	Volume
36*20.5*46 cm	2.6kgs	0.034m ³

HDT160 HDT200 BUTT FUSION WELDING MACHINE



Application & Features:

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

HDT160 Technology Information

Welding Range: 40mm, 50mm, 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm				
Package Size: 55*50*49 cm		1 Plywood Cases		
Total Volume: 0.135m ³		Net Weight: 30.2kgs	Gross Weight: 37.3kgs	
	Basic Frame	Heating Plate	Milling Cutter	Support
Size	48*28*78 cm	30*5*35 cm	36*26*32 cm	30*18.5*42 cm
Weight	20kgs	2.7kgs	6kgs	1.5kgs
Power	1.9KW/220V			

HDT200 Technology Information

Welding Range: 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm				
Package Size: 55*50*49 cm		1 Plywood Cases		
Total Volume: 0.135m ³		Net Weight: 35.7kgs	Gross Weight: 42.8kgs	
	Basic Frame	Heating Plate	Milling Cutter	Support
Size	48*33*81 cm	31*6*39 cm	38*26*36 cm	33.5*18.5*46 cm
Weight	23kgs	3.6kgs	7kgs	2.1kgs
Power	2.5KW/220V			

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD



The main body supports and centres the plastic pipes with one fixed and one movable clamps.

HDT160 Basic Frame

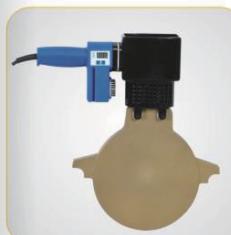
Power/Voltage	Size	Weight	Volume
220V	48*28*78 cm	20kgs	0.105m ³
HDT200 Basic Frame			
220V	48*33*81 cm	23kgs	0.129m ³



The milling cutter is the tool which clean and smooth the both ends of the pipes before the heating process.
HDT160, HDT200 butt welding machine is designed for self aligning facer always produces parallel pipe faces.

HDT160 Milling Cutter

Power/Voltage	Size	Weight	Volume
0.9KW/220V	36*26*32 cm	6kgs	0.030m ³
HDT200 Milling Cutter			
0.9KW/220V	36*26*36 cm	7kgs	0.036m ³



The pipe ends will be heated by this heater before the welding process
HDT160, HDT200 butt welding machine PTFE-coated heating element and uniform surface temperature.

HDT160 Heating Plate

Power/Voltage	Size	Weight	Volume
1KW/220V	30*5*35 cm	2.7kgs	0.006m ³
HDT200 Heating Plate			
1.6KW/220V	31*6*39 cm	3.6kgs	0.008m ³



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

HDT160 Support

Size	Weight	Volume
30*18.5*42 cm	1.5kgs	0.024m ³
HDT200 Support		
33.5*18.5*46 cm	2.1kgs	0.029m ³

HDG315, HDG450, HDG630, HDG800, HDG1200, HDG1600
Multi-angle Fitting Welding Machine.



Brief: Multi-angle Fitting Welding Machine is suitable for PE, PP, PVDF fittings in workshop.

Feature: Removable PTFE coated heating plate.

Electric planing tool with safety limit switch.

Low starting pressure and high reliable seal structure.

Separate two-channel timer records time in soaking and cooling phases with alert.

High and accurate and shockproof pressure meter indicates clearer readings.

Digital pressure meter is installed on machines.

Reliable performance, easy control.

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

OPTION:

HDG315

Welding Range: 90mm, 110mm, 125mm, 140mm, 160mm, 180mm, 200mm, 225mm, 250mm, 280mm, 315mm			
Application	0° ~90° elbow, tee, cross, 45° and 60° Y (optional parts should be used)		
Total Power	Heating Plate Power	Milling Cutter Power	Hydraulic Power
8.15KW/380V	5.15KW/380V	1.5KW/380V	1.5KW/380V
Max Heating Temperature	Temp Error	Total Weight	Pressure Adjustable Range
270° C	±5° C	800kgs	0~10Mpa

HDG450

Welding Range: 280mm, 315mm, 355mm, 400mm, 450mm			
Application	0° ~90° elbow, tee, cross, 45° and 60° Y (optional parts should be used)		
Total Power	Heating Plate Power	Milling Cutter Power	Hydraulic Power
12.5KW/380V	8KW/380V	1.5KW/380V	3KW/380V
Max Heating Temperature	Temp Error	Total Weight	Pressure Adjustable Range
270° C	±5° C	2500kgs	0~10Mpa

HDG630

Welding Range: 315mm, 355mm, 400mm, 450mm, 500mm, 560mm, 630mm			
Application	0° ~90° elbow, tee, cross, 45° and 60° Y (optional parts should be used)		
Total Power	Heating Plate Power	Milling Cutter Power	Hydraulic Power
28KW/380V	22KW/380V	3KW/380V	3KW/380V
Max Heating Temperature	Temp Error	Total Weight	Pressure Adjustable Range
270° C	±5° C	3850kgs	0~16Mpa

HDG800

Welding Range: 500mm, 560mm, 630mm, 710mm, 800mm			
Application	0° ~90° elbow, tee, cross, 45° and 60° Y (optional parts should be used)		
Total Power	Heating Plate Power	Milling Cutter Power	Hydraulic Power
38KW/380V	32KW/380V	3KW/380V	3KW/380V
Max Heating Temperature	Temp Error	Total Weight	Pressure Adjustable Range
270° C	±5° C	5000kgs	0~16Mpa

HDG1200

Welding Range: 710mm, 800mm, 900mm, 1000mm, 1200mm			
Application	0° ~90° elbow, tee, cross, 45° and 60° Y (optional parts should be used)		
Total Power	Heating Plate Power	Milling Cutter Power	Hydraulic Power
73.5KW/380V	62KW/380V	4KW/380V	7.5KW/380V
Max Heating Temperature	Temp Error	Total Weight	Pressure Adjustable Range
270° C	±5° C	17500kgs	0~16Mpa

HDG1600

Welding Range: 710mm, 800mm, 900mm, 1000mm, 1200mm, 1600mm			
Application	0° ~90° elbow, tee, cross, 45° and 60° Y (optional parts should be used)		
Total Power	Heating Plate Power	Milling Cutter Power	Hydraulic Power
84KW/380V	72KW/380V	4KW/380V	8KW/380V
Max Heating Temperature	Temp Error	Total Weight	Pressure Adjustable Range
270° C	±5° C	21000kgs	0~16Mpa

HDQ315, HDQ450, HDQ630, HDQ800, HDQ1200, HDQ1600
Multi-angle Band Saw Machine.



Brief: Multi-angle Band Saw Machine is suitable for cutting solid pipes or structured wall pipes made of thermoplastic such as PE and PP, and also other pipe and fittings made of non-metal materials in workshop.

Feature: Suitable for cutting pipes according to specified angle and dimension while make an elbow, tee or cross which lowest the material waste and improve the welding efficiency. Cutting angle 0~67.5° accurate angle location. A special designed integrality of body and swivel table makes then extremely stable. Self inspection and stop of the machine in case of saw blade breaks enable to guarantee operator's safety. Reliability, lower noisy, easy to handle. Complies with 98/37 and 73/23 EEC standards.

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

OPTION:

HDQ315

Cutting Range	Max.Cutting ARC	Cutting Angle Error	Line Speed
≤315mm	0~67.5°	≤1°	0~255m/min
Feed Speed	Power Supply	Power	Total Weight
Adjustable	380V 50HZ	2.25KW	1000kgs

HDQ450

Cutting Range	Max.Cutting ARC	Cutting Angle Error	Line Speed
≤450mm	0~67.5°	≤1°	0~255m/min
Feed Speed	Power Supply	Power	Total Weight
Adjustable	380V 50HZ	3KW	1400kgs

HDQ630

Cutting Range	Max.Cutting ARC	Cutting Angle Error	Line Speed
≤630mm	0~67.5°	≤1°	0~255m/min
Feed Speed	Power Supply	Power	Total Weight
Adjustable	380V 50HZ	3.7KW	1900kgs

HDQ800

Cutting Range	Max.Cutting ARC	Cutting Angle Error	Line Speed
≤800mm	0~67.5°	≤1°	0~255m/min
Feed Speed	Power Supply	Power	Total Weight
Adjustable	380V 50HZ	3.7KW	2300kgs

HDQ1200

Cutting Range	Max.Cutting ARC	Cutting Angle Error	Line Speed
≤1200mm	0~67.5°	≤1°	0~255m/min
Feed Speed	Power Supply	Power	Total Weight
Adjustable	380V 50HZ	6.25KW	6000kgs

HDQ1600

Cutting Range	Max.Cutting ARC	Cutting Angle Error	Line Speed
≤1600mm	0~67.5°	≤1°	0~255m/min
Feed Speed	Power Supply	Power	Total Weight
Adjustable	380V 50HZ	9KW	7000kgs

HDM200, HDM315, HDM500 Electrofusion Welding Machine



Brief: Electrofusion is suitable for connecting PE pipes and fittings with coupling which are used for gas and water supply.

Feature: Designed according to ISO9001 : 2008 electro-fusion welder international standard. High level MCU is used as control core, equipped with LCD display, all welding parameters could be displayed. Light weight, easy operation. By real-time monitoring weld status, abnormal welding process could be terminated in short time. Built-in memory, can record more than 500 welding records. Welding records could be download to USB flash disk via the USB interface (optional function). Welding wiring is easy and simple to avoid wiring error. Welding parameters input modes: (1) Manually set; (2) Read in by bar code scanner.

HDM200			
Welding Range	Input Voltage	Frequency	Output Power
20mm~200mm	190V~240V	40HZ~60HZ	3KW
Output Voltage	Control Type		Time Adjust Range
10V~48V	Constant Current/Constant Volt		1~9999 Second
Time Deviation	Relative Humidity		Weight
≤1%	≤80%		20kgs

HDM315			
Welding Range	Input Voltage	Frequency	Output Power
20mm~315mm	190V~240V	40HZ~60HZ	3KW
Output Voltage	Control Type		Time Adjust Range
10V~48V	Constant Current/Constant Volt		1~9999 Second
Time Deviation	Relative Humidity		Weight
≤1%	≤80%		20kgs

HDM500			
Welding Range	Input Voltage	Frequency	Output Power
20mm~500mm	190V~240V	40HZ~60HZ	4KW
Output Voltage	Control Type		Time Adjust Range
10V~48V	Constant Current/Constant Volt		1~9999 Second
Time Deviation	Relative Humidity		Weight
≤1%	≤80%		25kgs

HENAN EXLON ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

PPR Welding Machine

Brief: PPR Welding Machine is suitable for socket welding PPR, PE, PP pipes or fittings which being used in construction site for water & gas supply.

Feature: Three types of temperature control, constant temperature, manual single and double temperature control. Individual temperature control of heating mirror. Functions temperature adjustment, temperature display, overheating alarm and automatic retrieval of environment temperature. Heating mirror and sockets coated PTFE. Trustable quality. Reasonable structure. Compact and good exterior. Simple and convenient operation.

