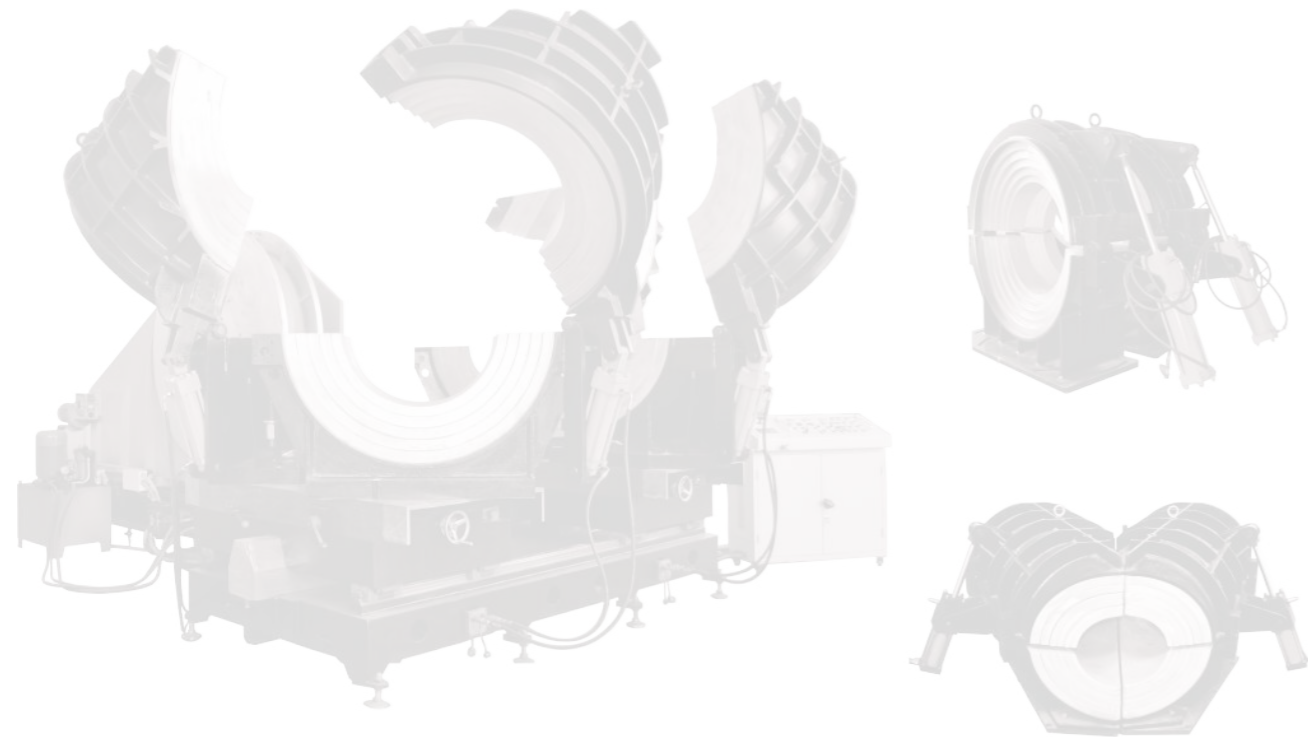


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# SUDA MACHINERY






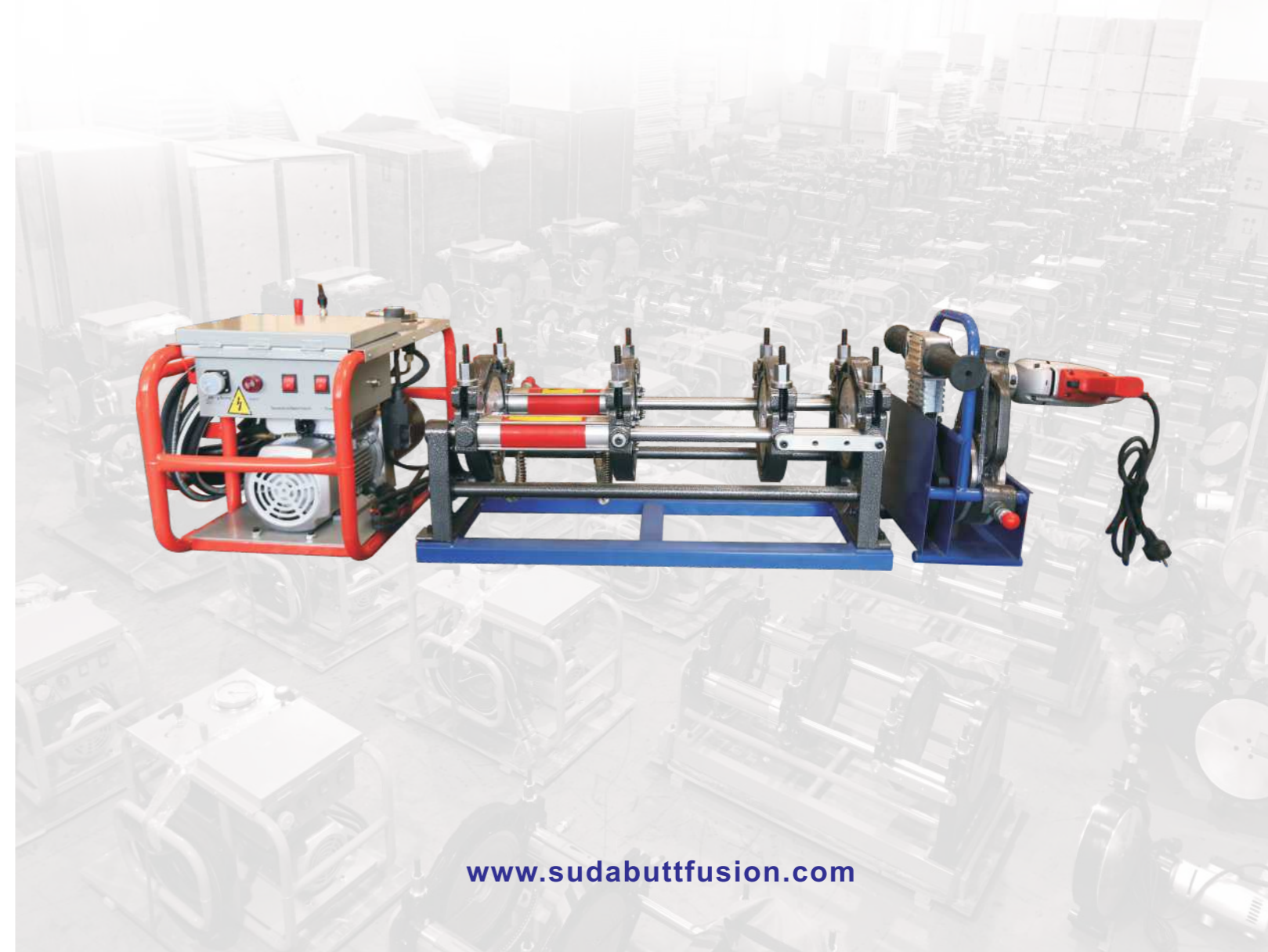
## SUDA PLASTIC PIPE MACHINERY CO.,LTD.

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www.sudabutfusion.com



# SUDA MACHINERY

SUDA PLASTIC PIPE MACHINERY CO., LTD. Is a professional manufactures in China, years of experience in producing and research, we can supply the best quality machines to all the customers.

Our products including Hydraulic Butt Fusion Machines, Manual Butt Fusion Machines, Workshop Fitting Machines, Workshop Cutting Machines, Electrofusion Machine, HDPE Fittings, Electrofusion Fittings, Plastic Sheet Butt Welding./Rolling /Bending Machines Etc.

Customers' biggest benefit is our goal, machine's quality is the life of our company. Many years of growth, we have our best partners in the world.

We have the certificate of ISO and CE approval. This ensure our machines have the highest quality, best service and reliable warranty.

We have the concept of " Customers First, Quality Foremost", we sincerely welcome all friends visit and co-operation.

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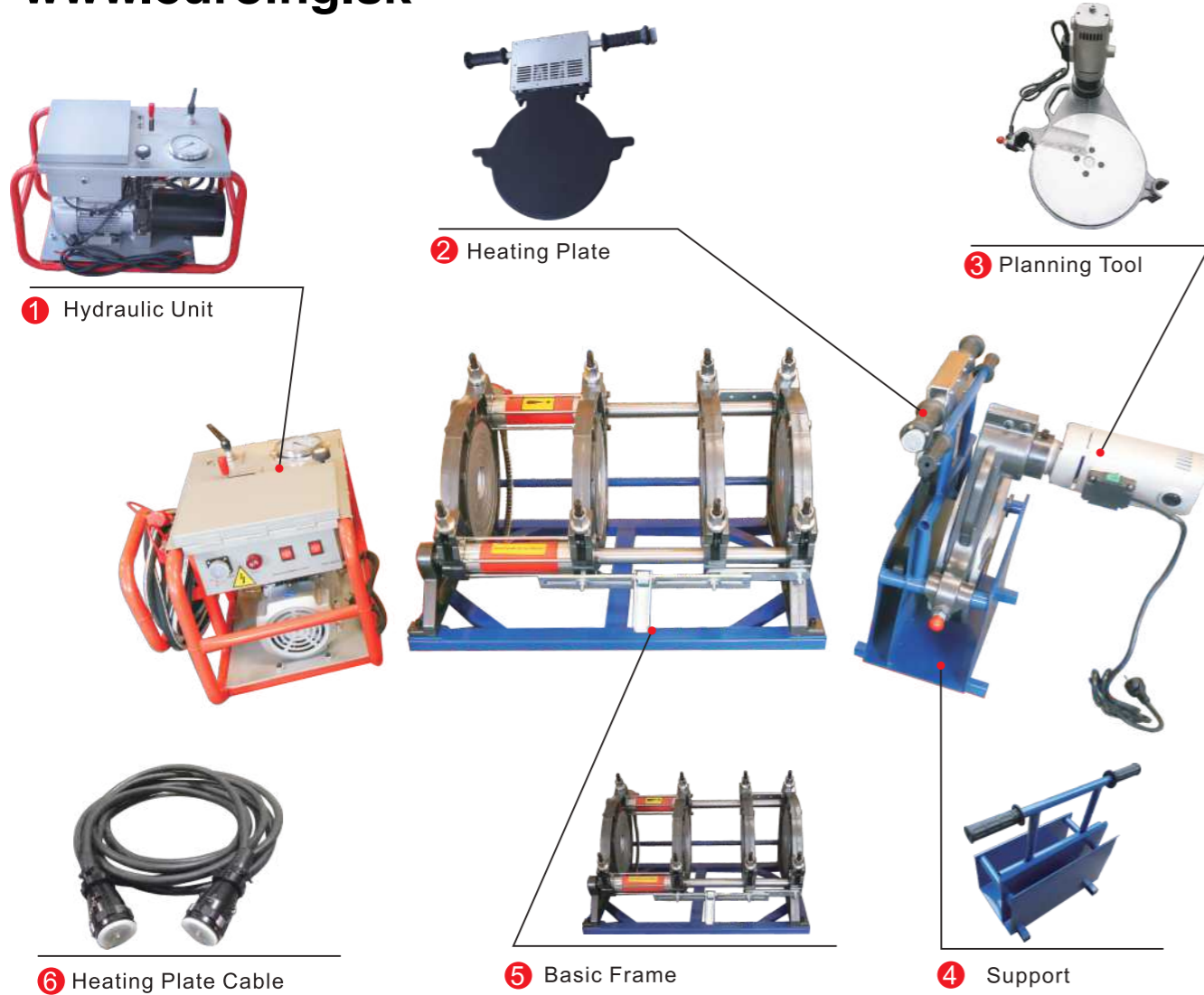
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# HYDRAULIC BUTT FUSION WELDING MACHINE

## SUD160H/200H/250H/315H/355H(2"~14")

[www.euroing.sk](http://www.euroing.sk)



### Optional Parts:

- Digital Display Heater
- Data Logger
- Stub End Holder



Digital Display Heater



Data Logger



Stub End Holder



# HYDRAULIC BUTT FUSION WELDING MACHINE

## SUD 160H-SUD355H Brief and Feature

**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF.  
 Be made of Aluminum material, easy to carry and transport.  
 Consists of Planning Tool, Heating Plate, Basic Frame, Hydraulic Unit and Support.

- Feature:**
1. Removable PTFE coated heating plate with separate temperature control system.
  2. Electric planning tool with reversible double cutting edge blades.
  3. Hydraulic unit provides welding machine with compressing power.
  4. Be made of Aluminum material, easy to carry and transport.
  5. Low starting pressure ensures reliable welding quality of small pipes.
  6. Temperature Controller and Timer, easy to know the time and temperature.

### MACHINE SPECIFICATION

Model	SUD160H	SUD200H	SUD250H
Welding Range (mm)	40 50 63 75 90 110 125 140 160	40 50 63 75 90 110 125 140 160 180 200	50 63 75 90 110 125 140 160 180 200 225 250
Heating Plate Max. Temp.	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±5°C	≤ ±5°C	≤ ±5°C
Working Voltage	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Heating Plate Power	1.5KW	1.8KW	2.1KW
Planning Tool Power	1.1KW	1.1KW	1.1KW
Hydraulic Unit Power	0.75KW	0.75KW	0.75KW
Total Power	3.35KW	3.65KW	3.95KW
Pressure Adjustable Ranges	0-6.3Mpa	0-6.3Mpa	0-6.3Mpa
Weight	120KG	135KG	180KG
Packing	Wooden Box	2 Wooden Boxes	2 Wooden Boxes
	Volume	0.5CBM	0.53CBM

### MACHINE SPECIFICATION

Model	SUD315H	SUD355H
Welding Range (mm)	90 110 125 140 160 180 200 225 250 280 315	90 110 125 140 160 180 200 225 250 280 315 355
Heating Plate Max. Temp.	270°C	270°C
Temp. Deviation in Surface	≤ ±5°C	≤ ±5°C
Working Voltage	220V 50/60Hz	220V 50/60Hz
Heating Plate Power	3.5KW	3.6KW
Planning Tool Power	1.1KW	1.1KW
Hydraulic Unit Power	0.75KW	0.75KW
Total Power	5.35KW	5.45KW
Pressure Adjustable Ranges	0-6.3Mpa	0-6.3Mpa
Weight	230KG	260KG
Packing	Wooden Box	2 Wooden Boxes
	Volume	1.0CBM



# HYDRAULIC BUTT FUSION WELDING MACHINE

SUD400H/450H/500H/630H/800H/1000H/1200H(16"~48")

[www.euroing.sk](http://www.euroing.sk)



## Optional Parts:

- Data Logger
- Stub End Holder
- Hoist
- Trolley



Data Logger



Stub End Holder



Hoist



Trolley



# HYDRAULIC BUTT FUSION WELDING MACHINE

## SUD400H-1200H Brief and Feature

**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF. Be made of Aluminum material, easy to carry and transport. Consists of Planning Tool, Heating Plate, Basic Frame, Hydraulic Unit and Support.

- Feature:**
1. Removable PTFE coated heating plate with separate temperature control system.
  2. Electric planning tool with reversible double cutting edge blades.
  3. Hydraulic unit provides welding machine with compressing power.
  4. Be made of Aluminum material, easy to carry and transport.
  5. Low starting pressure ensures reliable welding quality of small pipes.
  6. Temperature Controller and Timer, easy to know the time and temperature.

### MACHINE SPECIFICATION

Model	SUD400H	SUD450H	SUD500H
Welding Range (mm)	200 225 250 280 315 355 400	250 280 315 355 400 450	250 280 315 355 400 450 500
Heating Plate Max. Temp.	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±7°C	≤ ±7°C	≤ ±7°C
Working Voltage	380V/220V 50/60Hz	380V/220V 50/60Hz	380V/220V 50/60Hz
Heating Plate Power	4.0KW	5.38KW	6.5KW
Planning Tool Power	1.5KW	1.5KW	1.5KW
Hydraulic Unit Power	1.5KW	1.5KW	1.5KW
Total Power	7.0KW	8.38KW	9.5KW
Pressure Adjustable Ranges	0-8Mpa	0-8Mpa	0-8Mpa
Weight	420KG	450KG	560KG
Packing	Wooden Box	3 Wooden Boxes	3 Wooden Boxes
	Volume	1.8CBM	2.2CBM

### MACHINE SPECIFICATION

Model	SUD630H	SUD800H	SUD1000H	SUD1200H
Welding Range (mm)	315 355 400 450 500 560 630	500 560 630 710 800	630 710 800 900 1000	630 710 800 900 1000 1200
Heating Plate Max. Temp.	270°C	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±7°C	≤ ±10°C	≤ ±10°C	≤ ±10°C
Working Voltage	380V/220V 50/60Hz	380V 50/60Hz	380V 50/60Hz	380V 50/60Hz
Heating Plate Power	9.35KW	12.5KW	17.5KW	21.5KW
Planning Tool Power	1.5KW	2.2KW	3.0KW	4.0KW
Hydraulic Unit Power	1.5KW	3.0KW	3.0KW	3.0KW
Total Power	12.35KW	17.7KW	23.5KW	28.5KW
Pressure Adjustable Ranges	0-8Mpa	0-16Mpa	0-16Mpa	0-16Mpa
Weight	650KG	1400KG	2600KG	2800KG
Packing	Wooden Box	3 Wooden Boxes	3 Wooden Boxes	3 Wooden Boxes
	Volume	3.2CBM	5.8CBM	12CBM



# HYDRAULIC BUTT FUSION WELDING MACHINE

SUD1600H/1800H/2200H/2500H/3000H(62"~118")

[www.euroing.sk](http://www.euroing.sk)



1 Heating Plate



2 Planning Tool



3 Insert Layer



4 Heating Plate Cable



5 Hydraulic Unit



6 Basic Frame



7 Support



8 Electric Unit

## Optional Parts:

- Data Logger
- Stub End Holder
- Trolley



Data Logger



Stub End Holder



Trolley



# HYDRAULIC BUTT FUSION WELDING MACHINE

## SUD1600H-SUD3000H Brief and Feature

**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF. Be made of Aluminum material, easy to carry and transport. Consists of Planning Tool, Heating Plate, Basic Frame, Hydraulic Unit and Support.

- Feature:**
1. Removable PTFE coated heating plate with separate temperature control system.
  2. Electric planning tool with reversible double cutting edge blades.
  3. Hydraulic unit provides welding machine with compressing power.
  4. Be made of Aluminum material, easy to carry and transport.
  5. Low starting pressure ensures reliable welding quality of small pipes.
  6. Temperature Controller and Timer, easy to know the time and temperature.

MACHINE SPECIFICATION			
Model	SUD1600H	SUD1800H	SUD2000H
Welding Range (mm)	1200 1400 1600	1200 1400 1600 1800	1600 1800 2000
Heating Plate Max. Temp.	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±10°C	≤ ±10°C	≤ ±10°C
Working Voltage	380V 50/60Hz	380V 50/60Hz	380V 50/60Hz
Heating Plate Power	35KW	55KW	62KW
Planning Tool Power	7.5KW	7.5KW	7.5KW
Hydraulic Unit Power	3.0KW	16.5KW	11KW
Total Power	45.5KW	79KW	80.5KW
Pressure Adjustable Ranges	0-25Mpa	0-25Mpa	0-25Mpa
Weight	5600KG	10000KG	12000KG

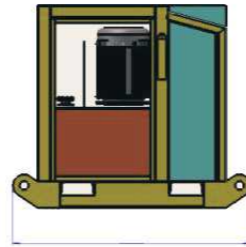
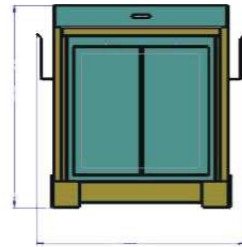
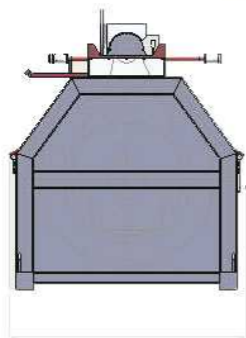
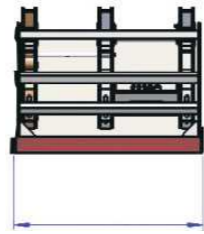
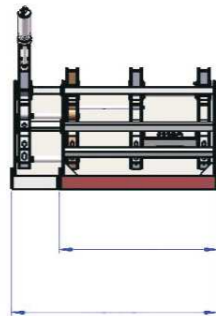
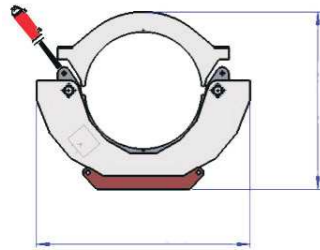
MACHINE SPECIFICATION		
Model	SUD2500H	SUD3000H
Welding Range (mm)	1600 1800 2000 2500	1800 2000 2200 2500 3000
Heating Plate Max. Temp.	270°C	270°C
Temp. Deviation in Surface	≤ ±10°C	≤ ±10°C
Working Voltage	380V 50/60Hz	380V 50/60Hz
Heating Plate Power	90KW	125KW
Planning Tool Power	7.5KW	15KW
Hydraulic Unit Power	5.5KW	15KW
Total Power	103KW	155KW
Pressure Adjustable Ranges	0-25Mpa	0-20Mpa
Weight	24000KG	26000KG



# HYDRAULIC BUTT FUSION WELDING MACHINE

## IN-DITCH BUTT FUSION MACHINE SUD-I 1000-2000(42"-78")

[www.euroing.sk](http://www.euroing.sk)



### Optional Parts:

- Operater Table
- Stub End Holder
- Trolley



Operater Table



Stub End Holder



Trolley



# HYDRAULIC BUTT FUSION WELDING MACHINE

## In-ditch Butt Fusion Machine SUD-I 1000-2000 Brief And Feature

**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF.  
Be made of Aluminum material, easy to carry and transport.  
Consists of Planning Tool, Heating Plate, Basic Frame, Hydraulic Unit and Support.

- Feature:**
1. Removable PTFE coated heating plate with separate temperature control system.
  2. Electric planning tool with reversible double cutting edge blades.
  3. Hydraulic unit provides welding machine with compressing power.
  4. Be made of Aluminum material, easy to carry and transport.
  5. Low starting pressure ensures reliable welding quality of small pipes.
  6. Temperature Controller and Timer, easy to know the time and temperature.

MACHINE SPECIFICATION			
Model	SUD-I 1000H	SUD-I 1200H	SUD-I 1400H
Welding Range (mm)	630 710 800 900 1000	630 710 800 900 1000 1200	1000 1200 1400
Heating Plate Max. Temp.	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±10°C	≤ ±10°C	≤ ±10°C
Working Voltage	380V 50/60Hz	380V 50/60Hz	380V 50/60Hz
Heating Plate Power	17.5KW	21.5KW	45KW
Planning Tool Power	3.0KW	4.0KW	5.5KW
Hydraulic Unit Power	3.0KW	3.0KW	4.0KW
Total Power	23.5KW	28.5KW	54.5KW
Pressure Adjustable Ranges	0-16Mpa	0-16Mpa	0-25Mpa
Weight	2600KG	2800KG	5500KG

MACHINE SPECIFICATION			
Model	SUD-I 1600H	SUD-I 1800H	SUD-I 2000H
Welding Range (mm)	1200 1400 1600	1200 1400 1600 1800	1600 1800 2000
Heating Plate Max. Temp.	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±10°C	≤ ±10°C	≤ ±10°C
Working Voltage	380V 50/60Hz	380V 50/60Hz	380V 50/60Hz
Heating Plate Power	35KW	55KW	62KW
Planning Tool Power	7.5KW	7.5KW	7.5KW
Hydraulic Unit Power	3.0KW	16.5KW	11KW
Total Power	45.5KW	79KW	80.5KW
Pressure Adjustable Ranges	0-25Mpa	0-25Mpa	0-25Mpa
Weight	5600KG	10000KG	12000KG



# CNC AUTOMATIC BUTT FUSION WELDING MACHINE

SDA200 /SDA250 /SDA315

[www.euroing.sk](http://www.euroing.sk)

### Brief & Feature:

1. Suitable for butt welding of plastic pipes and fittings made of PE, PP and PVDF material.
2. Consists of Basic Frame, CNC Control, Hydraulic Unit, Planning Tool, Heating Plate, Support and optional parts.
3. Equipped with SIEMENS PLC and DWIN touch screen control system.
4. Real-time data printing, recording function and USB port available.
5. Pre-installed welding standard such as CTSG, ISO, DVS, SGS.
6. Hydraulic heating plate system, full automatic process.
7. BDS/GPS Position and remote data transmission function available.



MACHINE SPECIFICATION			
Model	SDA200	SDA250	SDA315
Welding Range (mm)	90 110 125 140 160 180 200	90 110 160 200 250	110 160 200 250 315
Heating Plate Max. Temp.	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±5°C	≤ ±5°C	≤ ±5°C
Working Voltage	220VAC 50HZ	220VAC 50HZ	220VAC 50HZ
Heating Plate Power	1.8KW	2.0KW	3.0KW
Planning Tool Power	1.1KW	1.1KW	1.1KW
Hydraulic Unit Power	0.75KW	0.75KW	0.75KW
Total Power	3.65KW	3.85KW	4.85KW
Pressure Adjustable Ranges	0.4–6Mpa	0.4–6Mpa	0.4–6Mpa
Weight	160KG	180KG	250KG
Packing	Wooden Box	2 Wooden Boxes	2 Wooden Boxes
	Volume	1CBM	1.2CBM



# BUTT FUSION WELDING MACHINE WITH DATA LOGGER

SDA450 /SDA630 /SDA800/SDA1000/SDA1200

### Brief & Feature:

1. Suitable for butt welding of plastic pipes and fittings made of PE, PP and PVDF material.
2. Consists of Basic Frame, Hydraulic Unit, Planning Tool, Heating Plate, Data Logger, Trolley, Support and optional parts.
3. Real-time data printing, recording function and USB port available.
4. Pre-installed welding standard such as CTSG, ISO, DVS, ASTM, SGS.
5. Hydraulic heating plate system, full automatic process.
6. BDS/GPS Position and remote data transmission function available.



MACHINE SPECIFICATION					
Model	SDA450	SDA630	SDA800	SDA1000	SDA1200
Welding Range (mm)	250 280 315 355 400 450	315 355 400 450 500 560 630	500 560 630 710 800	630 710 800 900 1000	630 710 800 900 1000 1100 1200
Heating Plate Max. Temp.	270°C	270°C	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±7°C	≤ ±7°C	≤ ±7°C	≤ ±7°C	≤ ±7°C
Working Voltage	380VAC 50HZ	380VAC 50HZ	380VAC 50HZ	380VAC 50HZ	380VAC 50HZ
Heating Plate Power	5.38KW	9.35KW	12.5KW	17.5KW	21.5KW
Planning Tool Power	1.5KW	1.5KW	2.2KW	3.0KW	4.0KW
Hydraulic Unit Power	2.2KW	2.2KW	4.0KW	4.0KW	5.0KW
Total Power	9.08KW	13.05KW	18.7KW	24.5KW	30.5KW
Pressure Adjustable Ranges	0.4–8Mpa	0.4–8Mpa	0.4–12Mpa	0.4–12Mpa	0.4–16Mpa



## ELECTROFUSION WELDING MACHINE

www.euroing.sk

SDE315B/SDE500B/SDE630B/SDE1000B

### Brief & Feature:

1. High-level MCU is used as control core, with abundant parameter setting, measuring and perfect protective function.
2. Wide power supply and voltage input, suitable for field electrical network level.
3. High precision control of electrical stability and time, insuring welding quality.
4. Swift output response time when power supply breaks, high stability.
5. Many programmable welding functions, suitable for welding requirement for various fittings.
6. Flexible welding parameter input mode; manual input through keyboard or bar code scanning input.
7. English, Spanish, Russian, Polish and Chinese languages inside.



MACHINE SPECIFICATION				
Model	SDE315B	SDE500B	SDE630B	SDE1000B
Welding Range (mm)	20-315mm	20-500mm	20-630mm	20-1000mm
Input Voltage(V)	Ac220±20% 40-65Hz		Ac380±20% 40-65Hz	
Rated Power(KW)	3.5KW	8.0KW	12.0KW	15.0KW
Rated Current(A)	60A	70A	80A	80A
Rated Voltage(V)	70V	150V	180V	210V
Data Record Quantities	500	500	500	500
Data Output Port	USB Port & Scanner			
Package Dimension(mm)	520X310X400	540X340X440	540X340X440	650X440X520
Weight(KG)	13.0KG	15.0KG	26KG	30KG



## ELECTROFUSION WELDING MACHINE

SDE250/SDE315/SDE500

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

### Feature:

1. Design and according to ISO12176 electro-fusion welder international standard.
2. High level MCU is used as control core, equipped with LCD display, all welding parameters could be displayed.
3. Light weight, easy operation.
4. By real-time monitoring weld status, abnormal welding process could be terminated in short time.
5. Built in memory, can record more than 500 welding records.
6. Welding records could be download to USB Flash disk via USB interface (Optional Function)
7. Welding wiring is easy and simple to avoid wiring error.
8. Welding parameter input modes: (1) Manually Sets; (2) Read in by bar code scanner.



MACHINE SPECIFICATION			
Model	SDE250	SDE315	SDE500
Welding Range (mm)	20-250mm	20-315mm	20-500mm
Input Voltage(V)	Ac170~250 40-65Hz		
Output Power(KW)	2.5KW	3.5KW	6.0KW
Output Voltage(V)	8-48V	8-48V	8-48V
Control Mode	Constant Current/Constant Voltage		
Data Record Quantities	500	500	500
Weight(KG)	20KG	25KG	28KG





## HAND PUSH BUTT FUSION WELDING MACHINE

www.euroing.sk

SDP160M2/160M4/200M2/200M4(2"-6")



**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF  
 Be made of Aluminum material, easy to carry and transport  
 Consists of Planning Tool, Heating Plate, Basic Frame and Support  
 Also Supply Digital Heating Plate

MACHINE SPECIFICATION				
Model	SDP160M2	SDP160M4	SDP200M2	SDP200M4
Welding Range(mm)	40 50 63 75 90 110 125 140 160		40 50 63 75 90 110 125 140 160 180 200	
Heating Plate Max. Temp.	270°C	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C
Working Voltage	220V/110V 50/60Hz		220V/110V 50/60Hz	
Heating Plate Power	1.0KW		1.6KW	
Planning Tool Power	0.71KW		0.71KW	
Total Power	1.71KW		2.31KW	
Weight	40KG	50KG	50KG	65KG
Packing	Wooden Box	1 Wooden Box	1 Wooden Box	1 Wooden Box
	Volume	0.15CBM	0.18CBM	0.15CBM



## COMMON MANUAL BUTT FUSION WELDING MACHINE

SUD160M2/160M4/200M2/200M4/250M2/250M4



**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF  
 Be made of Aluminum material, easy to carry and transport  
 Consists of Planning Tool, Heating Plate, Basic Frame and Support  
 Also Supply Digital Heating Plate

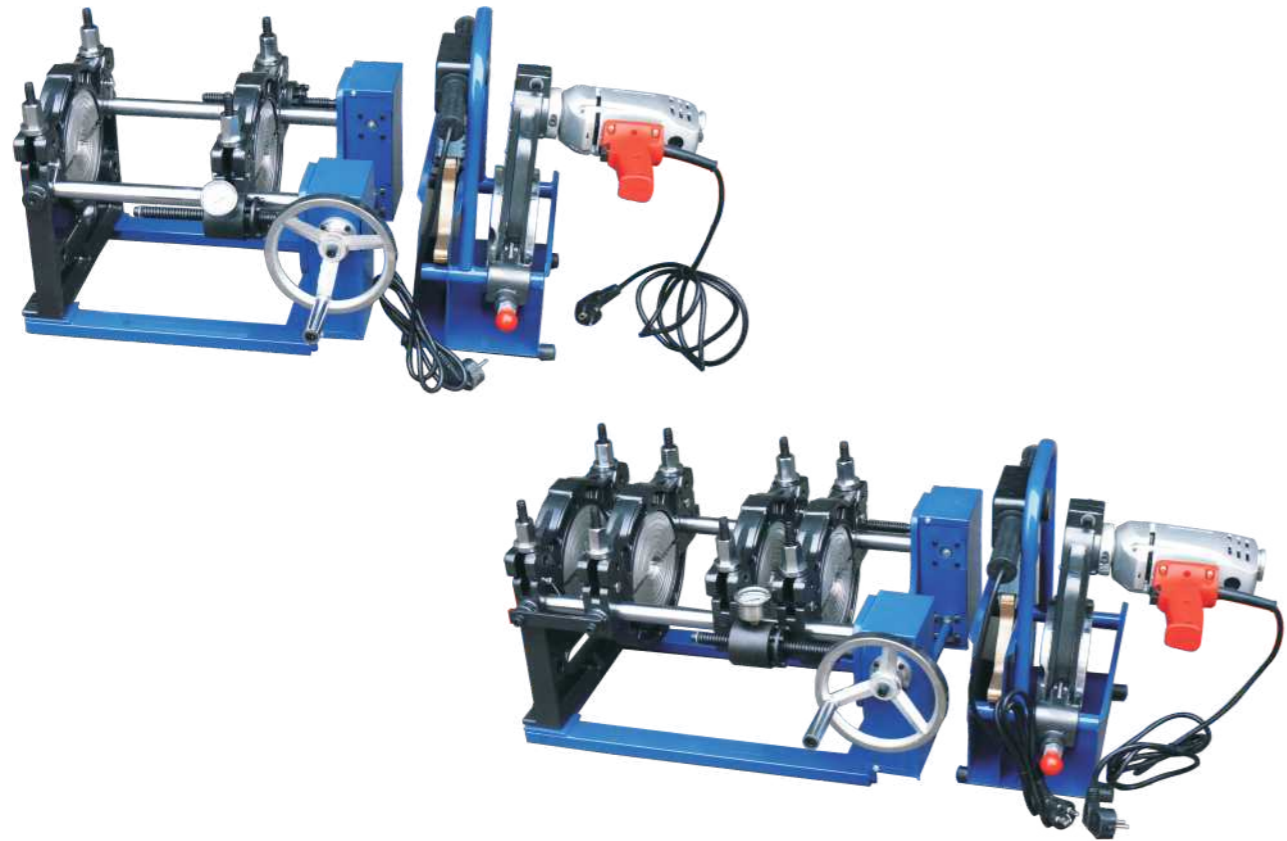
MACHINE SPECIFICATION						
Model	SUD160M2	SUD160M4	SUD200M2	SUD200M4	SUD250M2	SUD250M4
Welding Range(mm)	40 50 63 75 90 110 125 140 160			40 50 63 75 90 110 125 140 160 180 200		50 63 75 90 110 125 140 160 180 200 225 250
Heating Plate Max. Temp.	270°C	270°C	270°C	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C
Working Voltage	220V/110V 50/60Hz		220V/110V 50/60Hz		220V/110V 50/60Hz	
Heating Plate Power	1.0KW		1.6KW		2.0KW	
Planning Tool Power	0.71KW		0.71KW		0.83KW	
Total Power	1.71KW		2.31KW		2.83KW	
Weight	40KG	50KG	45KG	65KG	70KG	100KG
Packing	Wooden Box	1 Wooden Box		1 Wooden Box		1 Wooden Box
	Volume	0.15CBM	0.18CBM	0.15CBM	0.18CBM	0.2CBM



## SCREW MANUAL BUTT FUSION WELDING MACHINE

www.euroing.sk

SUD160MZ2/160MZ4/200MZ2/200MZ4/250MZ4



**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF  
 Be made of Aluminum material, easy to carry and transport  
 Consists of Planning Tool, Heating Plate, Basic Frame and Support  
 Also Supply Digital Heating Plate

MACHINE SPECIFICATION					
Model	SUD160MZ2	SUD160MZ4	SUD200MZ2	SUD200MZ4	SUD250MZ4
Welding Range (mm)	40 50 63 75 90 110 125 140 160		40 50 63 75 90 110 125 140 160 180 200		50 63 75 90 110 125 140 160 180 200 225 250
Heating Plate Max. Temp.	270°C	270°C	270°C	270°C	270°C
Temp. Deviation in Surface	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C
Working Voltage	220V/110V 50/60Hz		220V/110V 50/60Hz		220V/110V 50/60Hz
Heating Plate Power	1.0KW		1.6KW		2.0KW
Planning Tool Power	0.71KW		0.71KW		0.83KW
Total Power	1.71KW		2.31KW		2.83KW
Weight	50KG	60KG	55KG	70KG	130KG
Packing	Wooden Box	1 Wooden Box		1 Wooden Box	
	Volume	0.15CBM	0.18CBM	0.15CBM	0.2CBM

## SOCKET FUSION WELDING MACHINE/HAND EXTRUDER



SDS160/SDJ3400



MACHINE SPECIFICATION	
Model	SDS160
Welding Range (mm)	63 75 90 110 125 140 160
Working Voltage (V)	220V 50HZ
Max. Heating Temperature	270°C
Temp. Deviation in Surface	±5°C
Total Power(W)	1800W
Weight(KG)	56KG
Wooden Box Size(mm)	750x550x560mm

MACHINE SPECIFICATION	
Model	SDJ3400
Voltage	220 V ± 5%
Frequency	50/60HZ
Metabo Extruding Power	1100W
Hot Air Power	1600W
Welding Rod Heating Power	800W
Air Temp	20~600°C Adjustable
Extruding Temp	200~300°C Adjustable
Welding Speed	2.0-2.5 kg/h
Welding Rod Diameter	3.0mm-4.0mm
Weight	7.0KG
Application	PP PE





1 Tee/Cross Insert



2 Tee/Cross Clamp



3 Special Clamps for short spigot fitting (Optional)



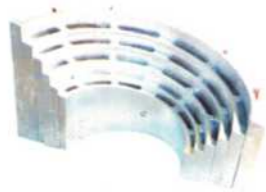
4 Special Clamps for welding flanges stub (Optional)



5 Wyes Inserts (Optional)



8 Elbow Clamp



7 Elbow Insert



6 Wyes Clamp (Optional)



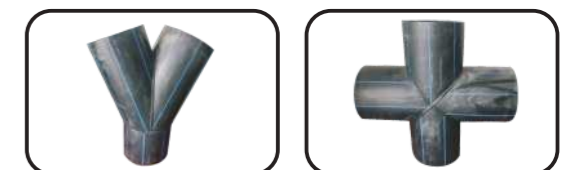
SDF315 Application and Features

1. Suitable for fabricating Elbow, Tee, Y shape(45° and 60°) fittings of PE PP PVDF in workshop.
2. Integrated structure, nothing remains but to choose the different special clamps while fabricating different fittings.
3. Consists of Basic Frame, Hydraulic Unit, Trimmer, Heater and Electric Control Unit.
4. Removable PTFE coated heating plate with separate temperature control system.
5. Electric Trimmer with reversible double cutting edge blades.
6. Hydraulic unit provides welding machine with compressing power.
7. Low starting pressure ensures reliable welding quality of small pipes.
8. Including the Temperature Controller and Timer, easy to know the time and temperature.

MACHINE SPECIFICATION		SDF315
Model	SDF315	
Welding Range (mm)	90 110 125 140 160 180 200 225 250 280 315	
Application	0-90° Elbow, Tee, Cross, 45° and 60° wyes (Optional parts should be used)	
Heating Plate Max. Temp.	270°C	
Temp. Deviation in Surface	≤ ±7°C	
Working Voltage	380V 50/60Hz	
Heating Plate Power	5.0KW	
Planning Tool Power	1.5KW	
Hydraulic Unit Power	0.75KW	
Total Power	7.25KW	
Pressure Adjustable Ranges	0-6Mpa	
Weight	760KG	
Packing	Wooden Box	4 Wooden Boxes
	Volume	3CBM

Optional Parts:

- Special clamp for welding flange stub
- Special clamps for short spigot fittings
- Special clamps for welding Y Shape (45° and 60°) fitting





1 Tee/Cross Insert



2 Tee/Cross Clamp



3 Special Clamp for Welding Flanges Stub(Optional)



4 Special Clamps for Short Spigot Fitting(Optional)



5 Elbow Clamp



6 Elbow Insert



7 Wyes Clamp(Optional)



8 Wyes Insert(Optional)



1. Suitable for fabricating Elbow, Tee, Y shape(45° and 60°) fittings of PE PP PVDF in workshop.
2. Integrated structure, nothing remains but to choose the different special clamps while fabricating different fittings.
3. Consists of Basic Frame, Hydraulic Unit, Trimmer, Heater and Electric Control Unit.
4. Removable PTFE coated heating plate with separate temperature control system.
5. Electric Trimmer with reversible double cutting edge blades.
6. Hydraulic unit provides welding machine with compressing power.
7. Low starting pressure ensures reliable welding quality of small pipes.
8. Including the Temperature Controller and Timer, easy to know the time and temperature.

MACHINE SPECIFICATION

Model	SDF450	Model	SDF630		
Welding Range (mm)	200 225 250 280 315 355 400 450	Welding Range (mm)	315 355 400 450 500 560 630		
Application	0-90° Elbow, Tee, Cross, 45° and 60° wyes (Optional parts should be used)	Application	0-90° Elbow, Tee, Cross, 45° and 60° wyes (Optional parts should be used)		
Heating Plate Max. Temp.	270°C	Heating Plate Max. Temp.	270°C		
Temp. Deviation in Surface	≤ ±7°C	Temp. Deviation in Surface	≤ ±7°C		
Working Voltage	380V 50/60Hz	Working Voltage	380V 50/60Hz		
Heating Plate Power	12.2KW	Heating Plate Power	22.0KW		
Planning Tool Power	3.0KW	Planning Tool Power	4.0KW		
Hydraulic Unit Power	2.2KW	Hydraulic Unit Power	3.0KW		
Total Power	17.4KW	Total Power	29.0KW		
Pressure Adjustable Ranges	0-16Mpa	Pressure Adjustable Ranges	0-16Mpa		
Weight	2850KG(Not Including Optional Part)	Weight	3510KG(Not Including Optional Part)		
Packing	Wooden Box	4 Wooden Boxes	Packing	Wooden Box	4 Wooden Boxes
	Volume	14.66CBM		Volume	22.7CBM

MACHINE SPECIFICATION

Model	SDF800	
Welding Range (mm)	450 500 560 630 710 800	
Application	0-90° Elbow, Tee, Cross, 45° and 60° wyes (Optional parts should be used)	
Heating Plate Max. Temp.	270°C	
Temp. Deviation in Surface	≤ ±7°C	
Working Voltage	380V 50/60Hz	
Heating Plate Power	39.28KW	
Planning Tool Power	4.0KW	
Hydraulic Unit Power	4.0KW	
Total Power	47.28KW	
Pressure Adjustable Ranges	0-16Mpa	
Weight	4900KG(Not Including Optional Part)	
Packing	Wooden Box	11 Wooden Boxes
	Volume	23.3CBM



# WORKSHOP FITTING WELDING MACHINE

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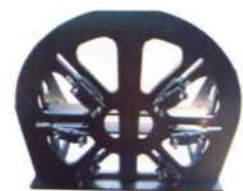
SDF1000/SDF1200/SDF1600



1 Tee/Cross Insert



2 Tee/Cross Clamp



3 Special Clamp for Welding Flanges Stub (Optional)



4 Special Clamps for Short Spigot Fitting (Optional)



5 Elbow Clamp



6 Elbow Insert



7 Wyes Clamp (Optional)



8 Wyes Insert (Optional)

# WORKSHOP FITTING WELDING MACHINE



## SDF1000/SDF1200/SDF1600 Application and Features

1. Suitable for fabricating Elbow, Tee, Y shape(45° and 60°) fittings of PE PP PVDF in workshop.
2. Integrated structure, nothing remains but to choose the different special clamps while fabricating different fittings.
3. Consists of Basic Frame, Hydraulic Unit, Trimmer, Heater and Electric Control Unit.
4. Removable PTFE coated heating plate with separate temperature control system.
5. Electric Trimmer with reversible double cutting edge blades.
6. Hydraulic unit provides welding machine with compressing power.
7. Low starting pressure ensures reliable welding quality of small pipes.
8. Including the Temperature Controller and Timer, easy to know the time and temperature.

### MACHINE SPECIFICATION

Model	SDF1000	Model	SDF1200	
Welding Range (mm)	630 710 800 900 1000	Welding Range (mm)	630 710 800 900 1000 1100 1200	
Application	0-90° Elbow, Tee, Cross, 45° and 60° wyes (Optional parts should be used)	Application	0-90° Elbow, Tee, Cross, 45° and 60° wyes (Optional parts should be used)	
Heating Plate Max. Temp.	270°C	Heating Plate Max. Temp.	270°C	
Temp. Deviation in Surface	≤ ±7°C	Temp. Deviation in Surface	≤ ±7°C	
Working Voltage	380V 50/60Hz	Working Voltage	380V 50/60Hz	
Heating Plate Power	60.0KW	Heating Plate Power	61.4KW	
Planning Tool Power	7.5KW	Planning Tool Power	7.5KW	
Hydraulic Unit Power	4.0KW	Hydraulic Unit Power	7.5KW	
Total Power	71.5KW	Total Power	76.4KW	
Pressure Adjustable Ranges	0-16Mpa	Pressure Adjustable Ranges	0-16Mpa	
Weight	16000KG(Not Including Optional Part)	Weight	18000KG(Not Including Optional Part)	
Packing	Wooden Box	11 Wooden Boxes	Wooden Box	11 Wooden Boxes
	Volume	41.93CBM		Volume

### MACHINE SPECIFICATION

Model	SDF1600	
Welding Range (mm)	1200 1400 1600	
Application	0-90° Elbow, Tee, Cross, 45° and 60° wyes (Optional parts should be used)	
Heating Plate Max. Temp.	270°C	
Temp. Deviation in Surface	≤ ±7°C	
Working Voltage	380V 50/60Hz	
Heating Plate Power	79.5KW	
Planning Tool Power	9.5KW	
Hydraulic Unit Power	7.5KW	
Total Power	96.5KW	
Pressure Adjustable Ranges	0-16Mpa	
Weight	25000KG(Not Including Optional Part)	
Packing	Wooden Box	11 Wooden Boxes
	Volume	60CBM



## MULTI ANGLE BAND SAW

www.euroing.sk

SDC315/SDC630/SDC800/SDC1000

### Application and Features

1. Suitable for cutting pipes according to specified angle and dimension while making an elbow, tee or cross, which lowest the material waste and improve the welding efficiency.
2. Cutting angle 0~67.5° accurate angle location.
3. Applied to 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.
4. A special designed integrality of body and swivel table makes them extremely stable.
5. Self inspection and stop of the machine in case of saw blade breaks enables to guarantee operator's safety.
6. Reliability, lower noisy, easy to handle.



#### MACHINE SPECIFICATION

Model	SDC315
Welding Range (mm)	≤315mm
Cutting Angle	0~67.5°
Cutting Angle Error	≤1°
Line Speed	0-250m/min
Feed Speed	Adjustable
Working Voltage	380V 50/60Hz
Total Power	2.25KW
Weight	1500KG

#### MACHINE SPECIFICATION

Model	SDC630
Welding Range (mm)	≤630mm
Cutting Angle	0~67.5°
Cutting Angle Error	≤1°
Line Speed	0-255m/min
Feed Speed	Adjustable
Working Voltage	380V 50/60Hz
Total Power	3.7KW
Weight	1900KG

#### MACHINE SPECIFICATION

Model	SDC800
Welding Range (mm)	≤800mm
Cutting Angle	0~67.5°
Cutting Angle Error	≤1°
Line Speed	0-250m/min
Feed Speed	Adjustable
Working Voltage	380V 50/60Hz
Total Power	3.7KW
Weight	2300KG

#### MACHINE SPECIFICATION

Model	SDC1000
Welding Range (mm)	450mm ≤ Φ ≤ 1000mm
Cutting Angle	0~67.5°
Cutting Angle Error	≤1°
Line Speed	0-255m/min
Feed Speed	Adjustable
Working Voltage	380V 50/60Hz
Total Power	3.7KW
Weight	4000KG

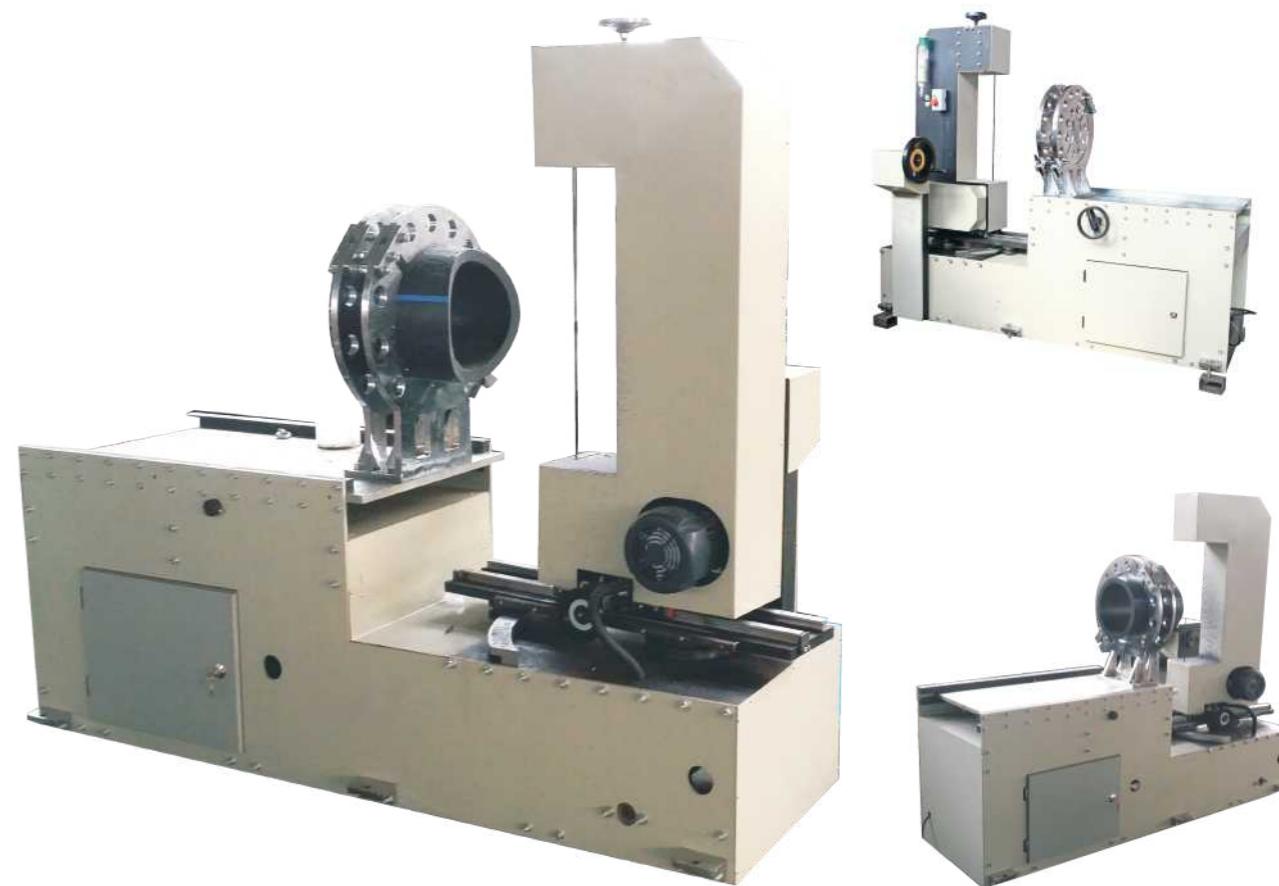
## SADDLE RADIUS BAND SAW



SRC315/SRC630/SRC1000

### Application and Features

1. Suitable for making arched pipe end according to the main pipe surface while fabricating a PE reducing tee in the workshop.
2. Normally work together with SDM saddle fusion machines.



#### MACHINE SPECIFICATION

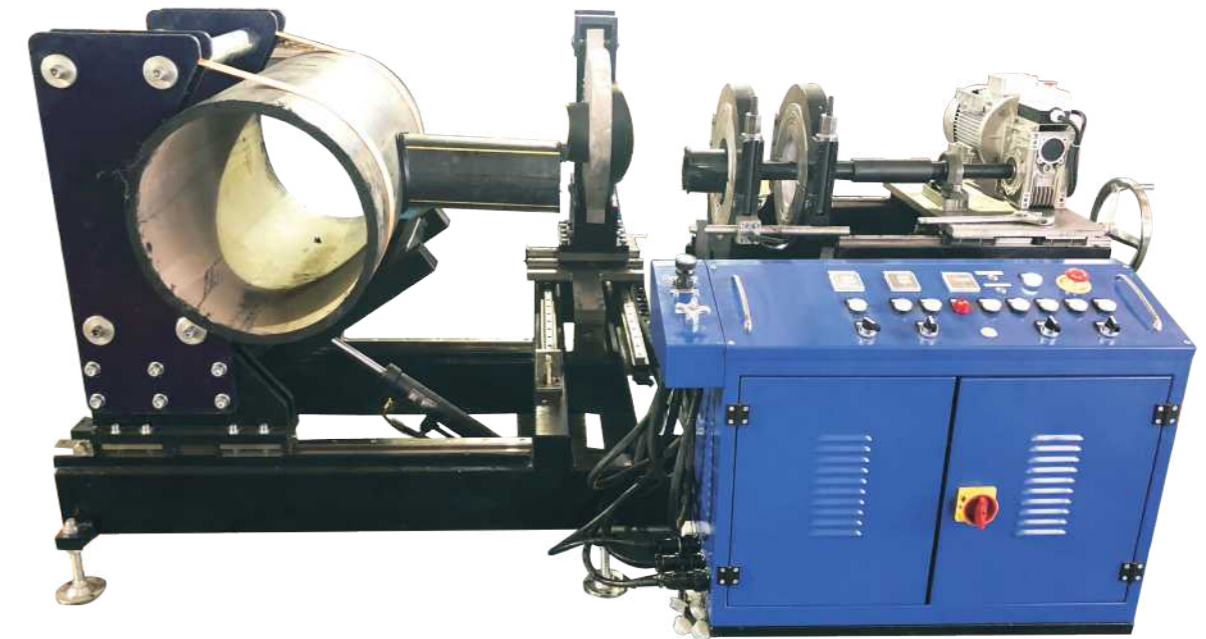
Model	SRC315	SRC630	SRC1000
Cutting Diameter	≤315mm	≤630mm	≤1000mm
Max. Cutting Radian	R315	R630	R1000
Line Cutting Speed	0-250m/minute	0-250m/minute	0-250m/minute
Cutting Feed Speed	Manual	Manual	Manual
Working Voltage	380V 50/60Hz	380V 50/60Hz	380V 50/60Hz
Total Power	1.5KW	2.2KW	3.0KW
Total Weight	1140KG	1150KG	2000KG

## Application and Features

1. Suitable for fabricating PE reducing tee in a workshop. Integrated function of welding and taping enables it can complete the whole fabricating process.
2. Removable PTFE coated heating mould.
3. Separate two-channel timer records times in soaking and cooling phases.
4. Digital high-accurate pressure meter indicates clearer readings.
5. Linear guide ways are equipped with main pipe clamps, branch pipe clamps, knife tool and heat mould .



MACHINE SPECIFICATION					
Model	SDM315	SDM630	SDM1200	SDM1800	SDM2000
Working Range (mm)	Reducer Tee	Reducer Tee	Reducer Tee	Reducer Tee	Reducer Tee
Heating Plate Max. Temp.	270°C	270°C	270°C	270°C	270°C
Pressure Range	0~7Mpa	0~20Mpa	0~20Mpa	0~20Mpa	0~20Mpa
Working Voltage	220V 50/60Hz	380V 50/60Hz	380V 50/60Hz	380V 50/60Hz	380V 50/60Hz
Heating Plate Power	1.2KW	6.0KW	16.0KW	25.0KW	32.0KW
Hydraulic Unit Power	0.75KW	2.2KW	2.2KW	3.0KW	5.5KW
Drill Motor Power	0.75KW	2.2KW	3.0KW	4.0KW	5.5KW
Total Power	2.7KW	10.4KW	21.2KW	32.0KW	43.0KW



Type	SDM315							
Main Pipe / Branch Pipe	110	125	160	180	200	225	250	315
50	✓	✓	✓	✓	✓	✓	✓	✓
63			✓	✓	✓	✓	✓	✓
75			✓	✓	✓	✓	✓	✓
90				✓	✓	✓	✓	✓
110						✓	✓	✓
125							✓	✓

Type	SDM630						
Main Pipe / Branch Pipe	315	355	400	450	500	560	630
110	✓	✓	✓	✓	✓	✓	✓
160	✓	✓	✓	✓	✓	✓	✓
200			✓	✓	✓	✓	✓
225				✓	✓	✓	✓
250					✓	✓	✓
315							✓



## SADDLE FUSION MACHINE

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SDM1200/1800/2000



Type	SDM1200					
Main Pipe / Branch Pipe	630	710	800	900	1000	1200
315	✓	✓	✓	✓	✓	✓
355		✓	✓	✓	✓	✓
400			✓	✓	✓	✓
450				✓	✓	✓
500					✓	✓
560						✓

Type	SDM2000				
Main Pipe / Branch Pipe	1200	1400	1600	1800	2000
630	✓	✓	✓	✓	✓
710			✓	✓	✓
800			✓	✓	✓
900				✓	✓
1000					✓

## CNC ROUTER



SUD-BO1325/1530



### Application and Features

SUD-BO1325 series has strong function with good performance, easy to use, solid and durable. It is applied extensively in wood, advertising, PVC, PE, PP, PPH, acrylic, aluminum plastic plate, etc.

1. Adopt heavy duty machine frame, forming by CNC planer-type milling machine, more stronger, stability.
2. High accuracy Taiwan linear guide, high accuracy helical gear rack transmitting, more stability, higher precision.
3. Enlarged supporting frame, ensure transmission stability.
4. Standard configured 3kw water cooling spindle motor, high power, high efficiency.
5. Independent control cabinet, stronger power and weak power separate, maintenance easily.

Model	SUD-BO1530
Xyz Working Size	1500mm X3000mm X200mm
Max. Travel Speed	X-20m/min; y Axis-25m/min, z Axis-15m/min
Transmitting	X,Y High Accuracy Grinding Type Gear Rack, Z Axis Transmitting By High Precision Rolling Ball Screw
Servo Type	Leisai
Software	Weihong
Dictate Format	Hpgl, g-code
Power Of Mainshaft	6.0kw
Speed Of Mainshaft	24000rpm/min
Diameter Of Cutter	3.175-20mm(optional)
Cooling	Air Cooling
Power Supply	AC380±10%, 50/60Hz
Power Consumption	13kw
Packing Size	4.05x2.15x1.75m
Machine Weight	2180kg





# CNC AUTOMATIC PLASTIC SHEET WELDING & ROLLING MACHINE

www.euroing.sk

DH1500/2000/3000/4000/5000/6000



1. PLC touch-panel control system, capable of automatically adjusting the heating temperature, time and pressure according to the parameters of material under processing.
2. Brand-new integrated frame, highly reliable transmission mechanism, stable in work and superior in performance.
3. Sectional heating for models of 3 meter and larger, enabling large models to have the advantage of energy conservation, as same as the small models do, while processing two small workpieces.
4. Specialized anti-corrosive surface treatment technology, making the surface coating always new as time goes by.
5. Components imported from Japan for control system, with stable properties, lasting and durable.

### \*\*\*Range of Application\*\*\*

Manufacture of reservoirs, tanks and containers, manufacture of plastic apparatus, pipeline construction, ventilation systems, serial welding, water treatment systems, scrubbers, environmental technology, swimming pools, transport and logistics.

MACHINE SPECIFICATION						
Model	DH1500	DH2000	DH3000	DH4000	DH5000	DH6000
Processing Thickness(mm)	2-30	2-30	2-30	2-30	2-30	2-30
Processing Length(mm)	1500	2000	3000	4000	5000	6000
Range of Rolling Diameter(mm)	Φ 250/350		≥350	≥350	≥350	≥350
Pressure of Air Supply	6-8kg.f/cm <sup>2</sup>					
Rated Voltage	220V, 50/60Hz		380V, 50/60Hz			
Heating Power	3KW	3KW	5KW	6KW	9KW	9KW
Power of Rolling Motor	0.75~1.1KW	0.75~1.1KW	0.75~1.1KW	2.2~4KW	4~5.5KW	5~5.5KW
Dimensions(mm)	2550X1850X1100	3050X1850X1100	4050X1850X1100	6000X1850X1100	7000X1850X1100	8000X1850X1100
Process Applicable Material	Plastic sheet/board made from PE,PP,PVC,PPS,PPN,PVDF,PPH.....					



# CNC AUTOMATIC PLASTIC SHEET WELDING & ROLLING MACHINE

DHR1500/2000/3000/4000/5000/6000



1. PLC touch-panel control system, capable of automatically adjusting the heating temperature, time and pressure according to the parameters of material under processing.
2. Brand-new integrated frame, highly reliable transmission mechanism, stable in work and superior in performance.
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4. Specialized anti-corrosive surface treatment technology, making the surface coating always new as time goes by.
5. Components imported from Japan for control system, with stable properties, lasting and durable.

### \*\*\*Range of Application\*\*\*

Manufacture of reservoirs, tanks and containers, manufacture of plastic apparatus, pipeline construction, ventilation systems, serial welding, water treatment systems, scrubbers, environmental technology, swimming pools, transport and logistics.

MACHINE SPECIFICATION						
Model	DHR1500	DHR2000	DHR3000	DHR4000	DHR5000	DHR6000
Processing Thickness(mm)	2-50	2-50	2-50	2-50	2-50	2-50
Processing Length(mm)	1500	2000	3000	4000	5000	6000
Range of Rolling Diameter(mm)	Φ 250/350		≥350	≥350	≥350	≥350
Pressure of Air Supply	6-8kg.f/cm <sup>2</sup>					
Rated Voltage	220V, 50/60Hz		380V, 50/60Hz			
Heating Power	3KW	3KW	5KW	6KW	9KW	9KW
Power of Rolling Motor	0.75~1.1KW	0.75~1.1KW	0.75~1.1KW	2.2~4KW	4~5.5KW	5~5.5KW
Dimensions(mm)	2550X2450X1100	3050X2450X1100	4050X2450X1100	6000X2450X1100	7000X2450X1100	8000X2450X1100
Process Applicable Material	Plastic sheet/board made from PE,PP,PVC,PPS,PPN,PVDF,PPH.....					



# CNC AUTOMATIC PLASTIC SHEET BENDING MACHINE

www.euroing.sk

ZW2000/ZW3000/ZW4000/ZW5000/ZW6000/ZW7000



1. Welding Type: bender plastic sheet from 0-145°. CNC automatic plastic sheet bending machine, suitable for bender thermoplastic plates made of HDPE, PP, PVC, PVDF, PPN, PPH,....
2. Data parameters are automatically set up according to the material a particular bender pressure, temperature and time.
3. 3mm to 30mm plastic plate (hdpe plate) bending capabilities.
4. The machine is able to bender one plastic plate to the different angle from 0° to 145°, good-looking appearance and the angle is very strong.
5. Integrated intensity of the rack, stable performance, transportation and installation more convenient.

### \*\*\*Range of Application\*\*\*

Manufacture of reservoirs, tanks and containers, manufacture of plastic apparatus, pipeline construction, ventilation systems, serial welding, water treatment systems, scrubbers, environmental technology, swimming pools, transport and logistics.

MACHINE SPECIFICATION						
Model	ZW2000	ZW3000	ZW4000	ZW5000	ZW6000	ZW7000
Processing Thickness(mm)	3-30	3-30	3-30	3-30	3-30	3-30
Processing Length(mm)	2000	3000	4000	5000	6000	7000
Range of Rolling Bending(mm)	0~145°					
Pressure of Air Supply	6-8kg.f/cm <sup>2</sup>					
Rated Voltage	380V,50/60Hz					
Heating Power	4KW	6KW	8KW	10KW	12KW	14KW
Dimensions(mm)	2600X2320X1800	3600X2320X1800	4600X2320X1800	5600X2320X1800	6600X2320X1800	7600X2320X1800
Process Applicable Material	Plastic sheet/board made from PE,PP,PVC,PPS,PPN,PVDF,PPH,.....					



# CNC AUTOMATIC PLASTIC SHEET WELDING/ROLLING AND BENDING MACHINE

DZ2000/3000/4000/5000/6000



1. PLC touch-panel control system, capable of automatically adjusting the heating temperature, time and pressure according to the parameters of material under processing.
2. Brand-new integrated frame, highly reliable transmission mechanism, stable in work and superior in performance.
3. Sectional heating for models of 3 meter and larger, enabling large models to have the advantage of energy conservation, as same as the small models do, while processing two small workpieces.
4. Specialized anti-corrosive surface treatment technology, making the surface coating always new as time goes by.
5. Components imported from Japan for control system, with stable properties, lasting and durable.

### \*\*\*Range of Application\*\*\*

Manufacture of reservoirs, tanks and containers, manufacture of plastic apparatus, pipeline construction, ventilation systems, serial welding, water treatment systems, scrubbers, environmental technology, swimming pools, transport and logistics.

MACHINE SPECIFICATION					
Model	DZ2000	DZ3000	DZ4000	DZ5000	DZ6000
Horizontal Welding&Rolling Thickness(mm)	2-50	2-50	2-50	2-50	2-50
Bender Thickness(mm)	3-30	3-30	3-30	3-30	3-30
Processing Length(mm)	2000	3000	4000	5000	6000
Range of Rolling Diameter(mm)	≥350	≥350	≥350	≥650	≥650
Pressure of Air Supply	6-8kg.f/cm <sup>2</sup>				
Rated Voltage	380V,50/60Hz				
Heating Plate Power(Welding Function)	4KW	5KW	6KW	7KW	8KW
Heating Plate Power(Bender Function)	8KW	10KW	12KW	14KW	16KW
Power of Rolling Motor	0.75~1.1KW	0.75~1.1KW	2.2~4KW	6.5KW	6.5KW
Dimensions(mm)	3050X2450X1800	4800X2450X1800	5750X2450X1800	7000X2450X1800	8000X2450X1800
Process Applicable Material	Plastic sheet/board made from PE,PP,PVC,PPS,PPN,PVDF,PPH,.....				



**PPR WELDING MACHINE**

**Double Control Type**



**MACHINE SPECIFICATION**

Model	SIZE(mm)	VOLTAGE(V)	POWER(W)	TEMPERATURE(°C)
20-63DC	20 25 32 40 50 63	220V/110V	1500W	0~300°C
75-110DC	75 90 110	220V/110V	1500W	0~300°C

**Digital Display Type**



**MACHINE SPECIFICATION**

Model	SIZE(mm)	VOLTAGE(V)	POWER(W)	TEMPERATURE(°C)
20-32DD	20 25 32	220V/110V	700W	0~300°C
20-63DD	20 25 32 40 50 63	220V/110V	800W	0~300°C
75-110DD	75 90 110	220V/110V	1200W	0~300°C

**Digital Type**



**MACHINE SPECIFICATION**

Model	SIZE(mm)	VOLTAGE(V)	POWER(W)	TEMPERATURE(°C)
20-32E	20 25 32	220V/110V	600W	0~300°C
20-63E	20 25 32 40 50 63	220V/110V	800W	0~300°C
75-110E	75 90 110	220V/110V	1100W	0~300°C

**HDPE FITTINGS AND ELECTROFUSION FITTINGS**



**HDPE FITTINGS**



**ELECTROFUSION FITTINGS**





ACCESSORIES AND TOOLS



Pipe Cutter  
14-65, 50-110, 100-160, 110-200



Pipe Scissor



Electric Pipe Cutter  
15-220, 75-400



Inner Bead-up Remover



Diesel Generator



Diesel Generator



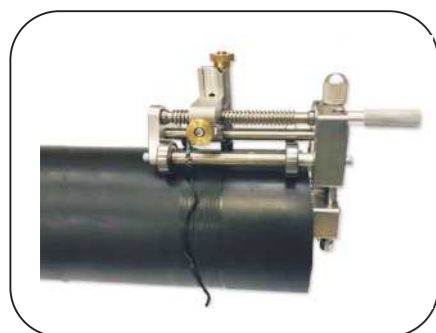
Data Logger



Stub End Holder



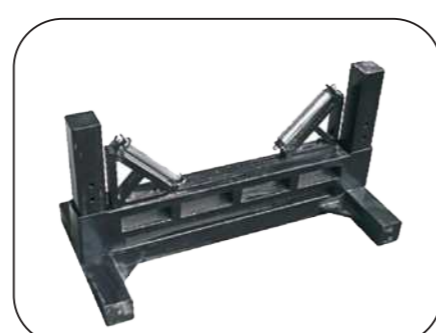
Pressure Testing Pump



Scraper 20-400



Outer Bead-up Remover



Pipe Roller

ENGINEERING CASE

