

BUTT FUSION SOLUTIONS



SKC BUTT FUSION EQUIPMENT

Field Welding Machine , Workshop Machine

Electrofusion Processor , Fitting & Tools



GAS/WATER/SEWAGE/IRRIGATION/FIRE FIGHTING/CONSTRUCTION

Safe with Quality & Experience

LEADER SAEMIN INTERNATIONAL CORP.,LTD



Looking for a reliable supplier who can supply the classic services and quality products? Choose LEADER SAEMIN. Buyers from many countries have already done so. LEADER SAEMIN INTERNATIONAL CORP., LIMITED is a comprehensive manufacturer and an experienced professional exporters in China. We mainly deal with PLASTIC PIPE WELDING MACHINE AND PIPE CUTTER TOOLS, HDPE/PPRC PIPE AND FITTINGS SYSTEM, VALVES. All the products have high quality and stable performance. With strong relationships and good credit, we cooperate closely to develop the global markets together. Our products are strictly under the control of ISO9001:2000 QC system.

In addition, we have set up an independent professional QC team, who are mainly responsible for checking original materials and components, checking production process and tracking the quality after selling, just to assure customers with a guaranteed satisfaction with what they buy and to enhance their business.

Facing the challenges, we'll turn pressure into force, take root in the market demand, insist credit management and promote the brand connotation of safety and convenience. Moreover we'll also abide by the strategy of continuous development.

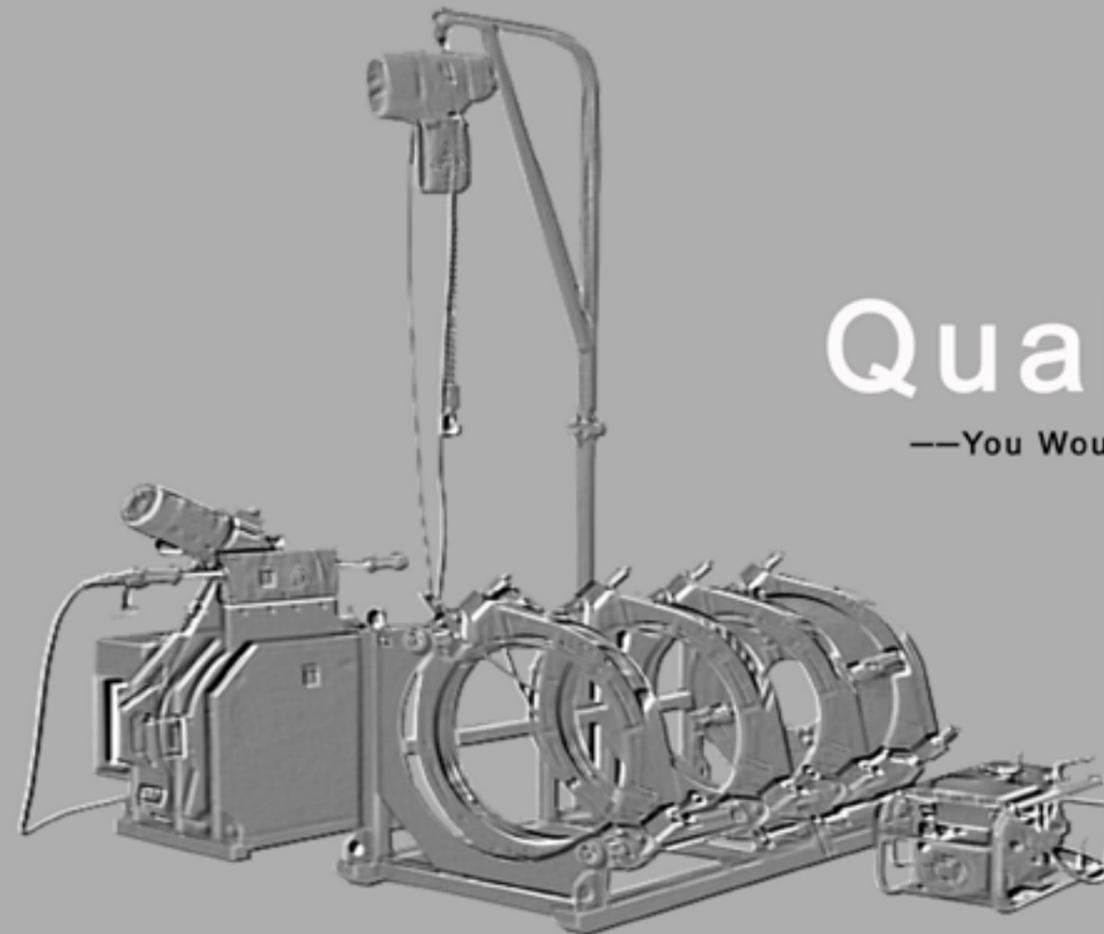
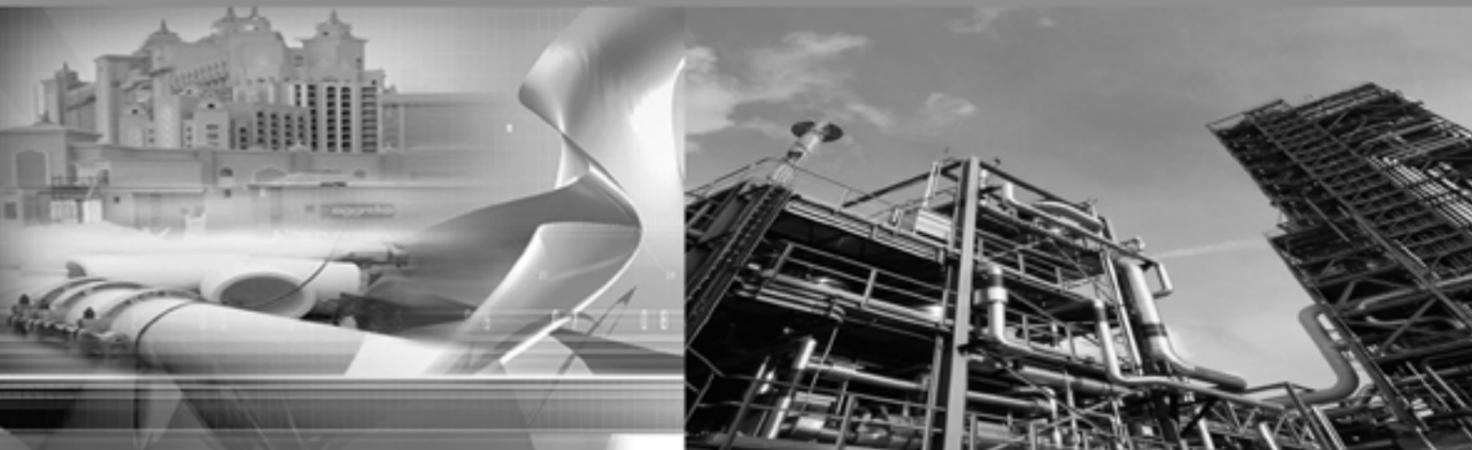
With our excellent products, competitive prices and perfect services, we hope that we will establish long and friendly business relationships with you in near future.

If you are interested in any of our products, or require any further information, please feel free to contact us today.

You are welcome to cooperate with us to create a new chapter together.

LEADER SAEMIN INTERNATIONAL CORP., LIMITED will serve world pipe industry.

Make us your first choice when sourcing for your requirements.



Quality

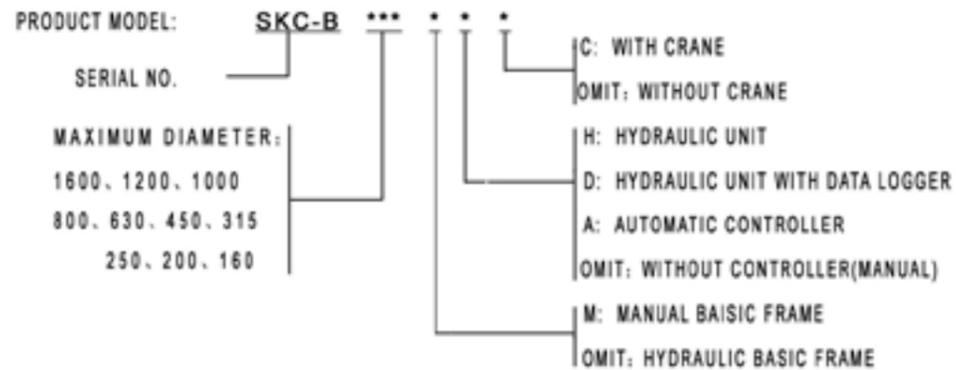
—You Would not Want to miss

MORE ADVANCED, MORE SECURE AND MORE RELIABLE FIELD BUTT FUSION WELDING EQUIPMENT

Saemin develop SKC-B series plastics pipe butt fusion machine that is suit for plastic pipes and /or fittings made of PE, PP and PVDF. It can be operated in any complex work condition.

Through variety allocation transformation, we can meet gas, communication, water supply, sewage, fire, chemical, minerals, construction and aquaculture field by changing function of machines easily and quickly.

SELECTION GUIDELINES



MANUAL 160M MANUAL 200M HYDRAULIC BAIISIC FRAME HYDRAULIC BASIC FRAME WITH CRANE



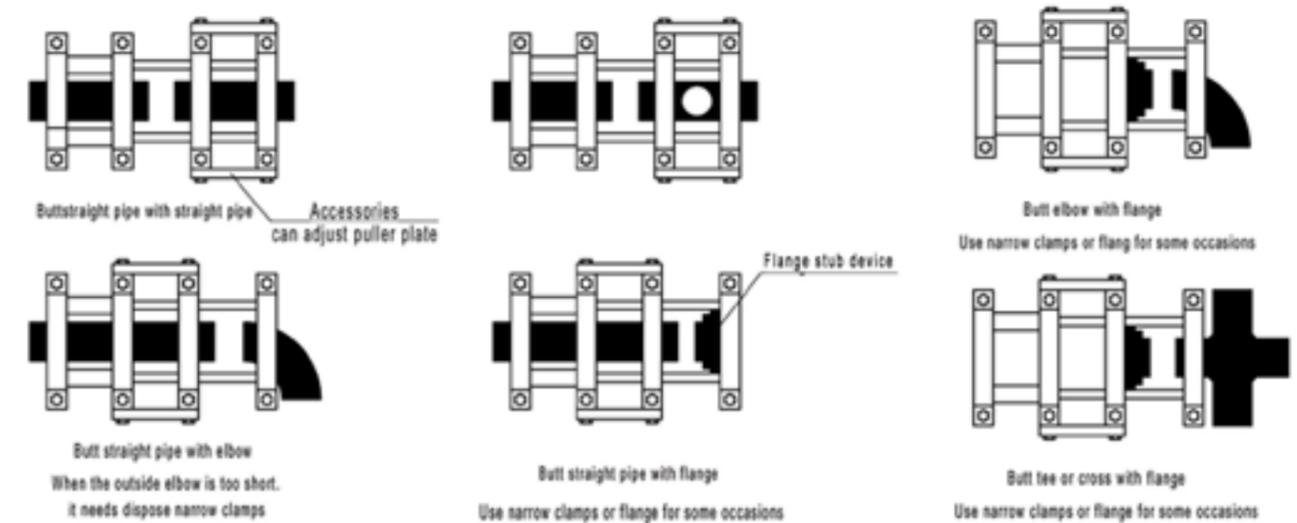
HYDRAULIC UNIT AUTOMATIC CONTROLLER DATA LOGGER

- * All SKC-B series plastics pipe butt fusion machines can be configured to manual, hydraulic and automatic butt fusion welding machine with data logger by customers' needs.
- * The same type of planing tool, heating plate, support and liner can be in common use.
- * All hydraulic butt fusion welding machine can be upgraded to automatic butt fusion welding machine equipped with data logger quickly and easily.

More varied optional parts make machines meet all kinds of construction requirements.

SKC-B series plastics pipe butt fusion machines meet all kinds of construction requirement by excellent design. Different options of liners can meet large welding pipes. We can change automation of machines by options of controller easily.

common welding type: (Follows is common type because of limited space. More types, please contact saemin technician)



optional parts:





Manual Butt Fusion Machine

SKC-B160M

Manual Butt Fusion Machine

SKC-B200M



Brief:

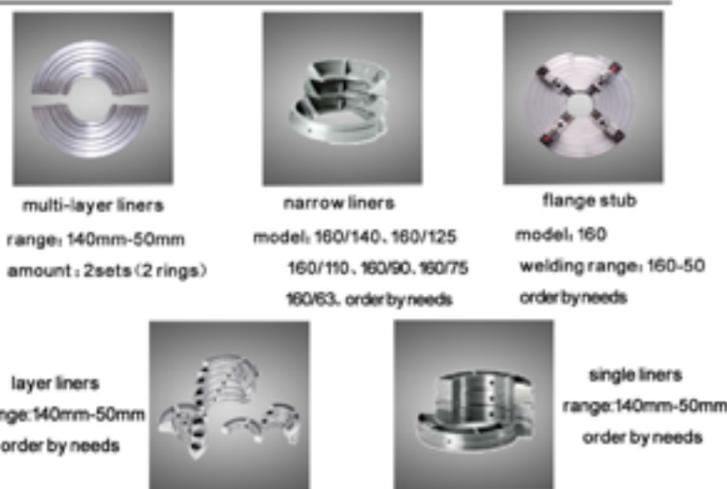
- * Operate with hand-push, two sets of lightweight aluminum clamps.
- * Suitable for welding of plastic pipes and / or fittings.
- * Equipped with planing tool and heating plate, special support for them.
- * Suitable for welding from 63mm to 160mm and from SDR9 to SDR41 pipes.

Feature:

- * Lightweight, strong, single hand and one-hand operation.
- * Automatic electrical temperature control system. High precision.
- * Removable PTFE coated heating plate. Long life time and high performance.
- * Planing tool with automatically locking. More safety and reliable.



optional parts:



Note: The above accessories is also can be used for hydraulic and automatic 160 serial.
The usage of above optional parts refer to page5 welding type in this book.

Type	SKC-B160M	
Materials	PE, PP, PVDF	
Welding range	50mm~160mm	
Environment Temperature	-20℃~60℃	
Power Supply	230V±10%, 50/60Hz	
Total power	1.7KW	
Heating Plate	1KW	
Planing tool Motor	0.7KW	
Total current	7.8A	
Dielectric resistance	>1MΩ	
Maximum Temperature of Heating Plate	<270℃	
Difference in surface temperature of heating plate	≤5℃	
Basic frame	Net Size,L×W×H, mm	415×370×415
	Net Weight (and liner), kg	23.7
Planing tool	Net Size,L×W×H, mm	320×250×340
	Net Weight, kg	7
Heating plate	Net Size,L×W×H, mm	420×40×330
	Net Weight, kg	3.5
Supports	Net Size,L×W×H, mm	350×270×270
	Net Weight, kg	10
Total net weight, kg	44.2	

Brief:

- * Operate with hand-push, four sets of lightweight aluminum clamps.
- * Suitable for welding of plastic pipes and / or fittings.
- * Equipped with planing tool and heating plate, special support for them.
- * Suitable for welding from 90mm to 200mm and from SDR9 to SDR41 pipes.

Feature:

- * Lightweight, strong, easy to screw hand operate.
- * Automatic electrical temperature control system. High precision.
- * Removable PTFE coated heating plate. Long life time and high performance.
- * Planing tool with automatically locking. More safety and reliable.

technical specifications:

Type	SKC-B200M	
Materials	PE, PP, PVDF	
Welding range	90mm~200mm	
Environment Temperature	-20℃~60℃	
Power Supply	230V±10%, 50/60Hz	
Total power	1.9KW	
Heating Plate	1.2KW	
Planing tool Motor	0.7KW	
Total current	10.5A	
Dielectric resistance	>1MΩ	
Maximum Temperature of Heating Plate	<270℃	
Difference in surface temperature of heating plate	≤5℃	
Basic frame	Net Size,L×W×H, mm	660×490×380
	Net Weight (and liner), kg	47.1
Planing tool	Net Size,L×W×H, mm	260×390×360
	Net Weight, kg	7.6
Heating plate	Net Size,L×W×H, mm	80×420×430
	Net Weight, kg	5.1
Supports	Net Size,L×W×H, mm	670×480×490
	Net Weight, kg	11.7
Total net weight, kg	71.5	



hand basic frame can self-locking at any time.
Make sure keep butt pressure

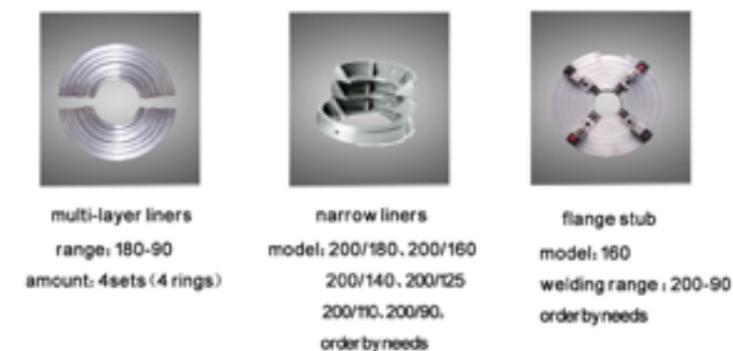


support protect heating plate and planing tool



high quality PTFE non-stick coating

optional parts:



Note: the usage of above optional parts refer to page 5 welding type in this book

Butt Fusion Machine

SKC-B160/250/315

SKC-B160H SKC-B250H SKC-B315H SKC-B160D SKC-B250D SKC-315D SKC-B160A SKC-B250A SKC-315A

Brief:

Hydraulic butt fusion welding machine is suit for PE, PP, PVDF.

It is convenient to butt welding of plastic pipes and / or fittings.

Suitable for field or workshop

All types comply with ISO, DVS, CEN China welding standard.

Feature:

- * More powerful with hydraulic unit.
- * Lightweight and strong by special aluminum casting technology.
- * All hydraulic butt fusion welding machine can be upgraded D-type with data logger or automatic butt fusion welding machine. Ensure welding quality and convenient management.
- * Reliable pressure-maintained device.
- * Heating control system with precision and stable electronic temperature control device provides corrective function.



TYPE	SKC-B160H	SKC-B160D	SKC-B160A	SKC-B250H	SKC-B250D	SKC-B250A	SKC-B315H	SKC-B315D	SKC-B315A
Environment Temperature ℃	-20℃~60℃, For special order.								
Power Supply V	Single phase AC220±10%, 50Hz. For special order.								
Total power KW	2.45	2.45	2.45	4.15	4.15	4.15	4.75	4.75	4.75
Rang of SDR	6~41	6~41	6~41	6~41	6~41	6~41	9~65	9~65	9~65
Rang temperature of heating plate ℃	150~270	150~270	150~270	150~270	150~270	150~270	150~270	150~270	150~270
Max Thrust N	3386	3386	6350	8616	8616	16155	12512	12512	13000
Total N.W Kg	94.1	99.2	89.3	127	132	122	165	170	160
Basic frame	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planing tool/Heating plate/Supports	✓	✓	✓	✓	✓	✓	✓	✓	✓
Control unit	Hydraulic	Hydraulic	Automatic	Hydraulic	Hydraulic	Automatic	Hydraulic	Hydraulic	Automatic
Data Logger	None	✓	None	None	✓	None	None	✓	None
Liner	Optional:50~140mm (Multi-layer/Layer/Single)			Optional:90~225mm (Multi-layer/Layer/Single)			Optional:90~280mm (Multi-layer/Layer/Single)		
Narrow Liner	Optional:50~140mm			Optional:90~225mm			Optional:90~280mm		
Stub device	Optional:160mm steel flang or aluminium flang			Optional:250mm steel flang or aluminium flang			Optional:315mm steel flang or aluminium flang		



Basic frame (basic part)

The main parts in welding, cooperate with other parts or accessories to finish welding process. It is special suitable for field construction.



Planing tool/heating plate/ support (basic parts)

Heating plate: provide precisely and equally the temperature in welding.

Planing tool: clean pipe easily.

Support: support planing tool and heating planing tool



Controller (optional parts)

Hydraulic unit: provide reliable and accurate power for welding.

Automatic controller: control automatically all welding procedure.



Data logger (optional part)

equipped with hydraulic unit, monitor and evaluate for welding and record welding data.



Multi-layer liners (optional parts)

Select by needs from small size to big size.



Layer liners (optional parts)

Comply with international standard. Apply to high-demand situation. Select by type.



Single liners (optional parts)

suitable for light thickness pipes or high demand misalignment. Select by type.



Narrow liners (optional parts)

suitable for clamping or welding short elbow. It can be used as single insert for high requirement by special needs.



Flange stub (optional part)

Special used for welding flange plate by needs.

Butt Fusion Machine

SKC-B450/630



SKC-B450H SKC-B450D SKC-B450A
SKC-B630H SKC-B630D SKC-B630A

Brief:

Hydraulic butt fusion welding machine is suit for PE, PP, PVDF.

It is convenient to butt welding of plastic pipes and / or fittings.

Suitable for field or workshop

All types comply with ISO, DVS, CEN China welding standard.

Feature:

- * More powerful with hydraulic unit.
- * Lightweight and strong by special aluminum casting technology.
- * All hydraulic butt fusion welding machine can be upgraded D-type with data logger or automatic butt fusion welding machine. Ensure welding quality and convenient management.
- * Reliable pressure-maintained device.
- * Heating control system with precision and stable electronic temperature control device provides corrective function.



TYPE	SKC-B450H	SKC-B450D	SKC-B450A	SKC-B630H	SKC-B630D	SKC-B630A
Environment Temperature ℃	-20℃~60℃, For special order.					
Power Supply V	Three-phase AC380V±10%, 50Hz. For special order.					
Total power KW	7.8	7.8	9.6	12.2	12.2	13.6
Rang of SDR	9~41	9~41	6~41	9~41	9~41	7~41
Rang temperature of heating plate ℃	150~270	150~270	150~270	150~270	150~270	150~270
Max Thrust N	28500	28500	32800	28770	28770	25380
Total N.W Kg	542	548	557	718	723	702
Basic frame	✓	✓	✓	✓	✓	✓
Planing tool/Heating plate/Supports	✓	✓	✓	✓	✓	✓
Control unit	Hydraulic	Hydraulic	Automatic	Hydraulic	Hydraulic	Automatic
Data Logger	None	✓	None	None	✓	None
Liner	Maximum Range: 200~400mm			Maximum Range: 315~560mm		
Narrow Liner	Optional: 200~400mm			Optional: 315~560mm		
Stub device	Optional: 200~450mm			Optional: 315~630mm		
Crane	Optional			Optional		



Basic frame (basic parts)

The main parts in welding, cooperate with other parts or accessories to finish welding process. It is special suitable for field construction.



Planing tool/heating plate/support (basic parts)

Heating plate: provide precisely and equally the temperature in welding.

Planing tool: clean pipe easily.

Support: support planing tool and heating plate.



Controller (optional parts)

Hydraulic unit: provide reliable and accurate power for welding.

Automatic controller: control automatically all welding procedure.



Data logger (optional part)

equipped with hydraulic unit, monitor and evaluate for welding and record welding data.



Layer liners (optional parts)

Select by needs from small size to big size



Narrow liners (optional parts)

suitable for clamping or welding short elbow. It can be used as single insert for high requirement by special needs.



Flange stub (optional part)

Special used for welding flange plate by needs.



Crane (optional part)

Used for lifting heating plate or planing tool in this machine. Please do not lift other stuff.

Butt Fusion Machine

SKC-B800/1000/1200



SKC-B800H SKC-B1000H SKC-B1200H
SKC-B800D SKC-B1000D SKC-B1200D

Brief:

Hydraulic butt fusion welding machine is suit for PE, PP, PVDF. It is convenient to butt welding of plastic pipes and / or fittings.

Suitable for field or workshop

All types comply with ISO, DVS, CEN China welding standard.

Feature:

- * More powerful with hydraulic unit.
- * Lightweight and strong by special aluminum casting technology.
- * All hydraulic butt fusion welding machine can be upgraded D-type with data logger or automatic butt fusion welding machine. Ensure welding quality and convenient management.
- * Reliable pressure-maintained device.
- * Heating control system with precision and stable electronic temperature control device provides corrective function.



TYPE	SKC-B800H	SKC-B800D	SKC-B1000H	SKC-B1000D	SKC-B1200H	SKC-B1200D
Environment Temperature °C	-5°C~60°C, For special order.					
Power Supply V	Three-phase AC380V±10%, 50Hz. For special order.					
Total power KW	15.7	15.7	21	21	26	26
Rang of SDR	9~41	9~41	11~41	11~41	11~41	11~41
Rang temperature of heating plate °C	150~270	150~270	150~270	150~270	150~270	150~270
Max Thrust N	44000	44000	60928	60928	109158	109158
Total N.W Kg	1302	1308	2322	2328	2915	2921
Basic frame	✓	✓	✓	✓	✓	✓
Planing tool/Heating plate/Supports	✓	✓	✓	✓	✓	✓
Control unit	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Data Logger	None	✓	None	✓	None	✓
Liner	Maximum range:450~710mm		Maximum range:560~900mm		Maximum range:630~1000mm	
Narrow Liner	Optional:450~710mm		Optional:560~900mm		Optional:630~1000mm	
Stub device	Optional:450~800mm		Optional:560~1000mm		Optional:630~1200mm	
Crane	Optional		Optional		Optional	



Basic frame (basic part)

The main parts in welding, cooperate with other parts or accessories to finish welding process. It is special suitable for field construction.



Planing tool /heating plate/ support (basic parts)

Heating plate: provide precisely and equally the temperature in welding.

Planing tool: clean pipe easily.

Support: support planing tool and heating plate.



Controller (basic part)

Hydraulic unit: provide reliable and accurate power for welding.

Automatic controller: control automatically all welding procedure.



Data logger (optional parts)

equipped with hydraulic unit, monitor and evaluate for welding and record welding data.



Layer liners (optional parts)

Select by needs from small size to big size



Narrow liners (optional parts)

suitable for clamping or welding short elbow. It can be used as single insert for high requirement by special needs.



Flange stub (optional parts)

Special used for welding flange plate by needs.



Crane (optional parts)

Used for lifting heating plate or planing tool in this machine. Please do not lift other stuff.



New style/New Design/New Product
PE Pipe Fusion Technology

--SKC

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