

HDPE PIPE WELDING MACHINE



Features

- * Suitable for butt welding of plastic pipes and / or fittings made of PE, PP and PVDF in worksite or workshop.
- * Consists of basic frame, hydraulic unit (hydraulic type), planing tool, separate heating plate, support for planing tool & heating plate.
- * Removable PTFE coated heating plate with accurate temperature control system.
- * Electric planing tool with safety limit switch enables to start it only when it is locked in operation position.
- * Made of lightweight and high strength material. specially designed with a clamp opening angle of 45°
- * Low starting pressure and high reliable seal structure.
- * Changeable welding position brings more convenience while welding various fittings.
- * Separate two-channel timer records times in soaking and cooling phases.
- * High-accurate and shockproof pressure meter indicates clearer readings.

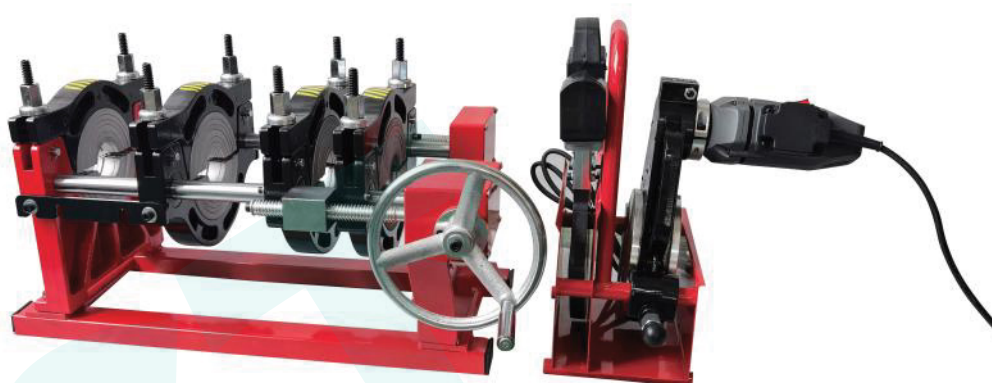
MANUAL TYPE BUTT WELDING MACHINE

Features

- * Suitable for butt welding of plastic pipes and / or fittings made of PE, PP and PVDF, can be operated in any complex work condition.
- * Consists of basic frame, planing tool, heating plate
- * Removable PTFE coated heating plate with accurate temperature control system.
- * Electric planing tool
- * Be made of lightweight and high strength material; simple structure, small and delicate, user friendly.



Model	CDA160-4M	CDA200-4M	CDA250-4M
Welding range	63,75,90,110,125,140, 160	63,75,90,110,125,140, 160,180,200	90,110,125,140,160,180, 200,225,250
Heating plate max. temp.	270 °C	270 °C	270 °C
Temp. deviation in surface	±3 °C	±3 °C	±3 °C
Working voltage	220V±10%,50HZ	220V±10%,50HZ	220V±10%,50HZ
Heating plate power	1.0KW	1.6KW	2.0KW
Planing tool power	0.9KW	0.9KW	1.0KW
Total power	1.9KW	2.5KW	3.0KW
Gross/net weight	42KG/36KG	50KS/43KS	78KS/66KS
Packing dimension (cm)	61*43*42	61*43*46	74*54*57



Model	CDL160-4M	CDL200-4M	CDL250-4M
Welding range	63,75,90,110,125,140, 160	63,75,90,110,125,140, 160,180,200	90,110,125,140,160, 180,200,225,250
Heating plate max. temp.	270 °C	270 °C	270 °C
Temp. deviation in surface	±3 °C	±3 °C	±3 °C
Working voltage	220V±10%,50HZ	220V±10%,50HZ	220V±10%,50HZ
Heating plate power	1.0KW	1.6KW	2.0KW
Planing tool power	0.9KW	0.9KW	1.0KW
Total power	1.9KW	2.5KW	3.0KW
Gross/net weight	52KG/44KG	66KS/52KG	131KS/110KS
Packing dimension (cm)	77*57**45	77*60*57	105*75*70

HYDRAULIC TYPE BUTT WELDING MACHINE

Features

- * Suitable for butt welding of plastic pipes and / or fittings made of PE, PP and PVDF in worksite or workshop.
- * Consists of basic frame, hydraulic unit (hydraulic type), planing tool, separate heating plate, support for planing tool & heating plate.
- * Removable PTFE coated heating plate with accurate temperature control system.
- * Electric planing tool with safety limit switch enables to start it only when it is locked in operation position.
- * Made of lightweight and high strength material.
- * Low starting pressure and high reliable seal structure.
- * Working environment shall be between -40 °C ~ +40 °C



Model	CDH160	CDH200	CDH250	CDH315
Welding range	63,75,90,110,125, 140,160	63,75,90,110,125, 140,160,180,200	90,110,125,140,160, 180,200,225,250	110,125,140,160,180, 200,225,250,280,315
Heating plate max. temp.	270 °C	270 °C	270 °C	270 °C
Temp. deviation in surface	±7 °C	±7 °C	±7 °C	±7 °C
Pressure adjustable range	0~6.3Mpa	0~6.3Mpa	0~6.3Mpa	0~6.3Mpa
Working voltage	220V±10%,50HZ	220V±10%,50HZ	220V±10%,50HZ	220V±10%,50HZ
Heating plate power	1.0KW	1.6KW	2.0KW	3.0KW
Planing tool power	0.9KW	0.9KW	1.2KW	1.2KW
Hydraulic unit power	0.75KW	0.75KW	0.75KW	0.75KW
Total power	2.65KW	3.25KW	3.95KW	4.95KW
Gross/net weight	110KG/90KG	116KS/96KG	148KS/119KS	188KG/155KS
Packing dimension (cm)	93*54*51 67*51*51	93*54*51 73*51*51	96*55*50 66*50*52 56*54*65	99*65*61 74*71*66

Model	CDH450	CDH630	CDH800	CDH1000
Welding range	200,225,250,280, 315,355,400,450	315,355,400,450, 500,560,630	450,500,560,630, 710,800	630, 710,800,900, 1000
Heating plate max. temp.	270 °C	270 °C	270 °C	270 °C
Temp. deviation in surface	±7 °C	±7 °C	±7 °C	±7 °C
Pressure adjustable range	0~6.3Mpa	0~6.3Mpa	0~6.3Mpa	0~6.3Mpa
Working voltage	380V±10%,50HZ	380V±10%,50HZ	380V±10%,50HZ	380V±10%,50HZ
Heating plate power	5.2KW	9.2KW	12.1KW	18KW
Planing tool power	1.5KW	1.5KW	2.2KW	2.2KW
Hydraulic unit power	1.5KW	1.5KW	1.5KW	2.2KW
Total power	8.2KW	12.2KW	15.8KW	22.4KW
Gross/net weight	400KG/347KG	645KS/540KG	1345KS/1175KS	2100KG/1876KS
Packing dimension (cm)	131*90*96 94*55*123 75*54*48	143*100*105 140*109*65 74*50*45	186*135*135 187*136*76 83*60*56	242*204*177 213*90*135 85*62*52

ELECTROFUSION WELDING MACHINE

Features

- * Suitable for connecting HDPE pipes and electrofusion fittings which are used for gas and water supply.
- * 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 a short time
- * Built-in memory, can record more than 500 welding records
- * Welding records could be download to USD flash disk via the USD interface (optional function)
- * Welding wiring is easy and simple to avoid wiring error
- * Welding parameter input modes: (1) manually set; (2) read in by bar code scanner



Model	CDE200	CDE315	CDE630	CDE1000
Input voltage	220V±10%,50HZ	220V±10%,50HZ	380V±20%,50HZ	380V±20%,50HZ
Output voltage	0V~55V	0V~55V	0~170V	0~210V
Output current	0~60A	0~60A	0~80A	0~80A
Output power	2.5KW	3.0KW	12.0KW	15.0KW
Control Type	Constant Current or Constant Voltage			
Net weight	20KGS	22KGS	26	27

MULTI-ANGLE BAND SAW MACHINE (WORKSHOP FITTINGS MACHINE)

Features

- * Applied to fabricate PE, PP, PVDF elbow, tee, cross fittings in workshop, also used to lengthen the injection moulded fittings and make the integrated fittings
- * Integrated structure. Nothing remains but to choose the different special clamps while fabricating different fittings.
- * Removable PTFE coated heating plate.
- * Electric planing tool with safety limit switch enables to start it only when it is locked in operation position.
- * Low starting pressure and high reliable seal structure.
- * Separate two-channel timer records times in soaking and cooling phases.



Model	CDG315	CDG450	CDG630	CDG800	CDG1200
Welding range	90~315mm	280~450mm	315~630mm	500~800mm	710~1200mm
Application	To fabricate elbows with different degree, tee, cross, 45° & 60° Wye Tee (optional clamps need to be used)				
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
Pressure adjustable range	0~10Mpa	0~10Mpa	0~16Mpa	0~16Mpa	0~16Mpa
Working voltage	380V±10%,50HZ				
Heating plate power	5.2KW	8.0KW	22.0KW	32.0KW	62.0KW
Planing tool power	1.5KW	1.5KW	3.0KW	3.0KW	4.0KW
Hydraulic unit power	1.5KW	3KW	3.0KW	3.0KW	7.5KW
Total power	8.2KW	12.5KW	28.0KW	38.0KW	73.5KW
Total Net weight	800KG	2500KG	3850KS	5000KS	17500KGS

MULTI-ANGLE BAND SAW MACHINE

Features

- * 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



Model	CDQ315	CDQ450	CDQ630	CDQ800	CDQ1200
Cutting range	20~315mm	20~450mm	20~630mm	20~800mm	20~1200mm
Max. Cutting ARC	0~67.5°	0~67.5°	0~67.5°	0~67.5°	0~67.5°
Working voltage	380V±10%,50HZ				
Total power	2.25KW	3.0KW	3.7KW	3.7KW	6.25KW
Total Net weight	1000KG	1400KG	1900KS	2300KS	6000KGS