



WELDING & PIPING

Catalog for Plastic Welding **2025**



Welding & Piping

















Innovative and reliable high quality fusion welding tools and machines
for the jobs on construction sites all around the globe

welpingfusion.com



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INTRODUCTION



To help customers succeed in the field of plastic pipe jointing, WELPING had been focusing on thermoplastic welding equipment developing, manufacturing and selling since 2005. We aim to bring industrial level design, performance and quality together, to help you build reputation.

To suit different welding applications and market requirements, we are offering different level items represented by brand WELPING, FUSINGX, VOLKIR and DOWELD. Brand WELPING enjoys a high reputation for exportation, benefitting from the steady product quality and performance. Thanks to our experienced engineers, WELPING can help you to quickly decide OEM and ODM requirements. At the same time, we are improving and updating products line to better suit field requirements.

WELPING knows the importance of fast delivery for our customers. To better shorten production lead time, we consolidate critical production procedures into self-management, like die casting, laser cutting, metal fabrication, CNC machining, powder coating etc. Standard items and light-OEM items, WELPING can finish in around 10-15 days.

We take every client seriously and consider their success as our vision.

- We think what you think
- We care about your concerns
- We help you save the cost



WP160A

SPECIFICATIONS

Model	WP160A
Welding range (mm)	40-160
Standard reducers (mm)	63-75-90-110-125-140-160
Optional reducers (mm)	40-50
Power supply	220V/50Hz, 1PH
Total power	3.65 KW
Heating plate	1.5 KW
Planing tool	1.4 KW
Hydraulic station	0.75KW
Pressure adjusting range	0-8 MPa
MaxTemperature of heating plate	270°C
Temperature deviation	±5°C
Piston area	15.32 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops. Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

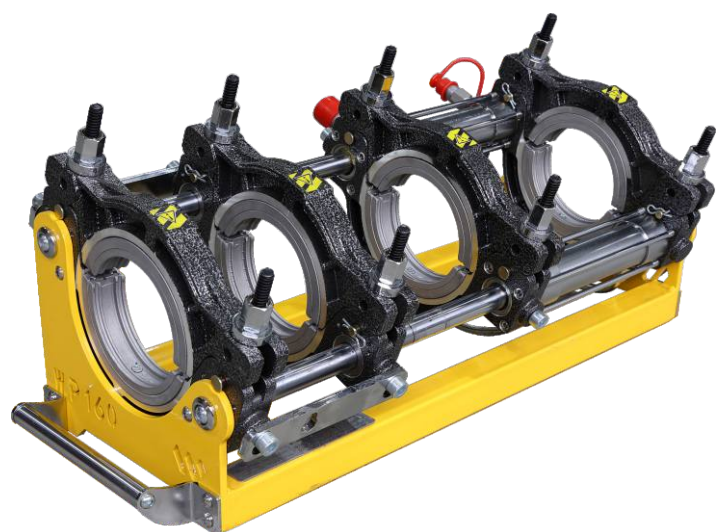
Heating plate with high quality PTFE coating, enables swift temperature control.

Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (63-160mm)

Optional parts: Flange holder, Single angle insert, Data logger



WP200A

SPECIFICATIONS

Model	WP200A
Welding range (mm)	63-200
Standard reducers (mm)	63-75-90-110-125-140-160-180
Power supply	220V/50Hz, 1PH
Total power	3.95 KW
Heating plate	1.8 KW
Planing tool	1.4 KW
Hydraulic station	0.75 KW
Pressure adjusting range	0-8 MPa
MaxTemperature of heating plate	270°C
Temperature deviation	±5°C
Piston area	15.32 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops.

Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (63-200mm)

Optional parts: Flange holder, Single angle insert, Data logger



WP250A

SPECIFICATIONS

Model	WP250A
Welding range (mm)	63-250
Standard reducers (mm)	90-110-125-140-160-180-200 -225-250
Optional reducers (mm)	63-75
Power supply	220V/50Hz, 1PH
Total power	5.05 KW
Heating plate	2.3 KW
Planing tool	2.0 KW
Hydraulic station	0.75 KW
Pressure adjusting range	0-8 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±5°C
Piston area	11 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops.

Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (90-250mm)

Optional parts: Flange holder, Single angle insert, Data logger

315

WP315A

SPECIFICATIONS

Model	WP315A
Welding range (mm)	90-315
Standard reducers (mm)	90-110-125-140-160-180-200- 225-250-280-315
Power supply	220V/50Hz, 1PH
Total power	5.85 KW
Heating plate	3.1 KW
Planing tool	2.0 KW
Hydraulic station	0.75 KW
Pressure adjusting range	0-8 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±5°C
Piston area	20.02 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops.

Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (90-315mm)

Optional parts: Flange holder, Single angle insert, Data logger



WP355A

SPECIFICATIONS

Model	WP355A
Welding range (mm)	90-355
Standard reducers (mm)	160-180-200-225-250-280 -315-355
Optional reducers (mm)	90-110-125-140
Power supply	220 50Hz, 1PH
Total power	6.3 KW
Heating plate	3.55 KW
Planing tool	2.0 KW
Hydraulic station	0.75 KW
Pressure adjusting range	0-8 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±5°C
Piston area	20.02 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops. Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (160-355mm)

Optional parts: Flange holder, Single angle insert, Data logger

WP400A

SPECIFICATIONS

Model	WP400A
Welding range (mm)	180-400
Standard reducers (mm)	180-200-225-250-280-315-355-400
Power supply	380V/50Hz, 3PH
Total power	8.7 KW
Heating plate	6.5 KW
Planing tool	1.1 KW
Hydraulic station	1.1 KW
Pressure adjusting range	0-10 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	22.38 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops. Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (180-400mm)

Optional parts: Flange holder, Single angle insert, Data logger

WP450A

SPECIFICATIONS

Model	WP450A
Welding range (mm)	180-450
Standard reducers (mm)	180-200-225-250-280-315-355-400-450
Power supply	380V/50Hz, 3PH
Total power	8.7 KW
Heating plate	6.5 KW
Planing tool	1.1 KW
Hydraulic station	1.1 KW
Pressure adjusting range	0-10 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	22.38 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops. Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (180-450mm)

Optional parts: Flange holder, Single angle insert, Data logger

WP500A



SPECIFICATIONS

Model	WP500A
Welding range (mm)	180-500
Standard reducers (mm)	250-280-315-355-400-450-500
Optional reducers (mm)	180-200-225
Power supply	380V/50Hz, 3PH
Total power	9.1 KW
Heating plate	6.5 KW
Planing tool	1.4 KW
Hydraulic station	1.1 KW
Pressure adjusting range	0-10 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	22.38 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops.
Suitable for PE, PP, PVDF
Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.
Planing tool with full-gear transmission structure. Durable and long life HSS blade.
Heating plate with high quality PTFE coating, enables swift temperature control.
Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (250-500mm)

Optional parts: Flange holder, Single angle insert, Data logger

WP 630

WP630A

SPECIFICATIONS

Model	WP630A
Welding range (mm)	315-630
Standard reducers (mm)	315-355-400-450-500-560-630
Power supply	380V/50Hz, 3PH
Total power	10.1 KW
Heating plate	7.5 KW
Planing tool	1.5 KW
Hydraulic station	1.1 KW
Pressure adjusting range	0-10 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	27.1 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops.
Suitable for PE, PP, PVDF
Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.
Planing tool with full-gear transmission structure. Durable and long life HSS blade.
Heating plate with high quality PTFE coating, enables swift temperature control.
Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (315-630mm)

Optional parts: Flange holder, Crane, Data logger



WP800A

SPECIFICATIONS

Model	WP800A
Welding range (mm)	450-800
Standard reducers (mm)	630-710-800
Optional reducers (mm)	450-500-560
Power supply	380V/50Hz, 3PH
Total power	16.2 KW
Heating plate	12.5 KW
Planing tool	2.2 KW
Hydraulic station	1.5 KW
Pressure adjusting range	0-10 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	31.8 CM ²



FEATURING

For use on building sites, drain pipe laying, and workshops
 Suitable for PE, PP, PVDF
 Metal fabrication clamping sets of precision welding, strong and lightweight
 Planing tool with chain and gear transmission structure.
 Durable and long life HSS blade.
 Heating plate with high quality PTFE coating, enables swift temperature control.
 Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (630-800mm)

Optional parts: Flange holder, Crane, Data logger

WP1000A

SPECIFICATIONS

Model	WP1000A
Welding range (mm)	630-1000
Standard reducers (mm)	800-900-1000
Optional reducers (mm)	630-710
Power supply	380V/50Hz, 3PH
Total power	24.5 KW
Heating plate	17.5 KW
Planing tool	3 KW
Hydraulic station	4 KW
Pressure adjusting range	0-12 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	36.52 CM ²



FEATURING

For use on building sites, drain pipe laying, and workshops
 Suitable for PE, PP, PVDF
 Precision welding steel clamping reducers, also available with aluminum reducers, high-strength steel base with cylinder, provides stable heavy-duty performance.
 Planing tool with chain and gear transmission structure.
 Durable and long life HSS blade.
 Heating plate with high quality PTFE coating, enables swift temperature control.
 Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (800-1000mm)

Optional parts: Flange holder, Crane, Data logger

WP1200A

SPECIFICATIONS

Model	WP1200A
Welding range (mm)	630-1200
Standard reducers (mm)	1000-1100-1200
Optional reducers (mm)	630-710-800-900
Power supply	380V/50Hz, 3PH
Total power	30.5 KW
Heating plate	22.5 KW
Planing tool	4 KW
Hydraulic station	4 KW
Pressure adjusting range	0-12 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	45.94 CM ²



FEATURING

For use on building sites, drain pipe laying, and workshops
Suitable for PE, PP, PVDF
Precision welding steel clamping reducers, also available with aluminum reducers, high-strength steel base with cylinder, provides stable heavy-duty performance.
Planing tool with chain and gear transmission structure.
Durable and long life HSS blade.
Heating plate with high quality PTFE coating, enables swift temperature control.
Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (1000-1200mm)

Optional parts: Flange holder, Crane, Data logger



WP1400A

SPECIFICATIONS

Model	WP1400A
Welding range (mm)	800-1400
Standard reducers (mm)	1000-1200-1400
Optional reducers (mm)	800
Power supply	380V/50Hz, 3PH
Total power	49.5 KW
Heating plate	40 KW
Planing tool	5.5 KW
Hydraulic station	4 KW
Pressure adjusting range	0-16 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±10°C
Piston area	61.24 CM ²



FEATURING

For use on building sites, drain pipe laying, and workshops
 Suitable for PE, PP, PVDF
 Independent drive cylinder with simple and reliable structure.
 Precision welding steel clamping reducers, high-strength steel base with cylinder, provides stable heavy-duty performance.
 Planing tool with chain and gear transmission structure.
 Durable and long life HSS blade.
 Heating plate with high quality PTFE coating, enables swift temperature control.
 Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (1000-1200mm)

Optional parts: Flange holder, Data logger



WP1600A - WP3000A



Model	WP1600A	WP2000A	WP2500A	WP3000A
Welding range (mm)	1200-1600	1600-2000	2200-2500	3000
Standard reducers (mm)	1200-1400-1600	1600-1800-2000	2200-2500	3000
Power supply	380V/50Hz, 3PH	380V/50Hz, 3PH	380V/50Hz, 3PH	380V/50Hz, 3PH
Total power	61.5 KW	94.7 KW	138 KW	158 KW
Heating plate	50 KW	80 KW	120 KW	140 KW
Planing tool	7.5 KW	9.2 KW	9.0 KW	9.0 KW
Hydraulic station	4 KW	5.5 KW	9.0 KW	9.0 KW
Pressure adjusting range	0-16MPa	0-16MPa	0-40 MPa	0-40MPa
MaxTemperature of heating plate	270°C	270°C	270°C	270°C
Temperature Deviation	±10°C	±10°C	±10°C	±10°C

WP1600A

SPECIFICATIONS

Model	WP1600A
Welding range (mm)	1000-1600
Standard reducers (mm)	1200-1400-1600
Optional reducers (mm)	1000
Power supply	380V/50Hz, 3PH
Total power	61.5 KW
Heating plate	50 KW
Planing tool	7.5 KW
Hydraulic station	4 KW
Pressure adjusting range	0-16 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±10°C
Piston area	100.48 CM ²



FEATURING

For use on building sites, drain pipe laying, and workshops
Suitable for PE, PP, PVDF
Independent drive cylinder with simple and reliable structure.
Precision welding steel clamping reducers, high-strength steel base with cylinder, provides stable heavy-duty performance.
Planing tool with double chains transmission structure. Durable and long life HSS blade.
Heating plate with high quality PTFE coating, enables swift temperature control.
Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

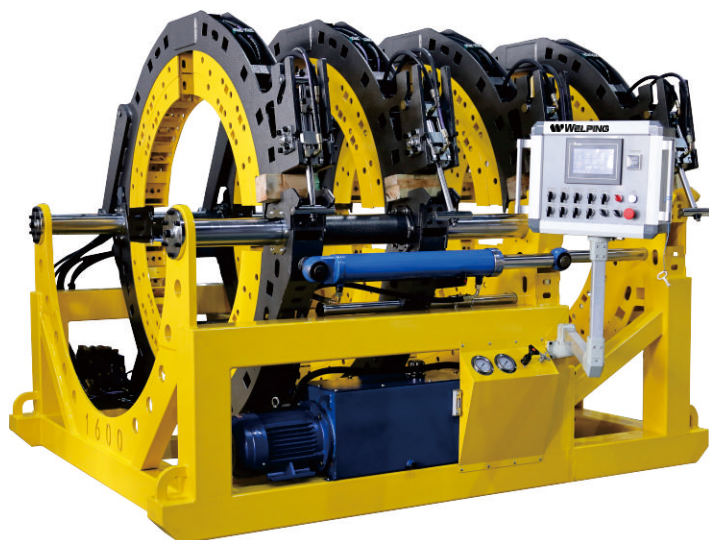
Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (1200-1400mm)

Optional parts: Flange holder, Data logger

WP1600AH

SPECIFICATIONS

Model	WP1600AH
Welding range (mm)	1000-1600
Standard reducers (mm)	1200-1400-1600
Optional reducers (mm)	1000
Power supply	380V/50Hz, 3PH
Total power	63 KW
Heating plate	50 KW
Planing tool	7.5 KW
Hydraulic station	5.5 KW
Pressure adjusting range	0-16 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±10°C
Piston area	100.48 CM ²



FEATURING

For use on building sites, drain pipe laying, and workshops
 Suitable for PE, PP, PVDF
 Precision welding steel clamping reducers, 4pcs-as-whole design for easy and quick changeover
 High-strength steel frame integrated with hydraulic actuation and control system, provides stable heavy-duty performance.
 User-friendly control panel for flexible operation
 Planing tool of reinforced structure, unique double-chains transmission, free of loosening
 Heating plate with high quality PTFE coating, enables swift temperature control.

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Reducers	1 set (1200-1400mm)

Optional parts: Flange holder, Data logger

WP2000A



SPECIFICATIONS

Model	WP2000A
Welding range (mm)	1400-2000
Standard reducers (mm)	1600-1800-2000
Power supply	380V/50Hz, 3PH
Total power	94.7 KW
Heating plate	80 KW
Planing tool	9.2 KW
Hydraulic station	5.5 KW
Pressure adjusting range	0-16 MPa
MaxTemperature of heating plate	270°C
Temperature Deviation	±10°C
Piston area	100.53 CM ²



FEATURING

For use on building sites, drain pipe laying, and workshops
 Suitable for PE, PP, PVDF
 Independent drive cylinder with simple and reliable structure.
 Precision welding steel clamping reducers, high-strength steel base with cylinder, provides stable heavy-duty performance
 Planing tool with double chains transmission, double blades
 Heating plate with high quality PTFE coating, enables swift temperature control
 Hydraulic station of integrated enclosure shielding splash & dirt

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (1600-1800mm)

Optional parts: Flange holder, Data logger



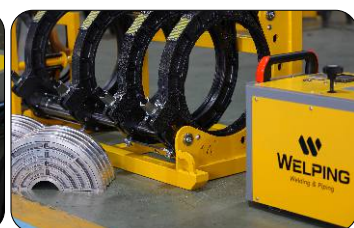
IPS series

SPECIFICATIONS

Model	WP200AI	WP250AI	WP315AI	WP355AI	WP630AI	WP1200AI
Size range (inch)	2-3-4-6	2-3-4-6-8	3-4-6-8-10	3-4-6-8-10-12-14	16-18-20-22-24	28-32-36-42-48
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	380V/50Hz	380V/50Hz
Total power	3.65	5.05	5.85	6.35	10.1	30.5
Heating plate	1.8	2.3	3.1	3.6	7.5	22.5
Planing tool	1.1	2.0	2.0	2.0	1.5	4.0
Hydraulic station	0.75	0.75	0.75	0.75	1.1	4.0
Pressure range	0-8 Mpa	0-8 Mpa	0-8 Mpa	0-10 Mpa	0-10 Mpa	0-12 Mpa
Max temperature	270°C	270°C	270°C	270°C	270°C	270°C
Temp. deviation	±5°C	±5°C	±5°C	±5°C	±7°C	±7°C
Piston area	15.32 CM ²	11 CM ²	20.02 CM ²	20.02 CM ²	271 CM ²	45.94 CM ²

FEATURING

For use on building sites, drain pipes laying, and workshops
 Suitable for PE, PP, PVDF
 Precision welding steel clamping reducers, also available with aluminum reducers, high-strength steel base with cylinder, provides stable heavy-duty performance.
 Planing tool with chain and gear transmission structure.
 Durable and long life HSS blade.
 Heating plate with high quality PTFE coating, enables swift temperature control.
 Hydraulic station of integrated enclosure shielding splash & dirt
 Support sizes customization



315

WP160B - WP315B



Featuring

Suitable for PE, PP, PVDF pipes butt welding

Integrated die casting aluminum clamps, steel base with cylinder, provides stable performance.

Planing tool with separate switch prevents unintentional operation. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Model	WP160B	WP200B	WP250B	WP315B
Welding range (mm)	40-160	63-200	63-250	90-315
Standard reducers (mm)	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	90-110-125-140-160-180-200-225-250-280-315
Optional reducers (mm)	40-50	----	63-75	----
Power supply	220V/50Hz, 1PH	220V/50Hz, 1PH	220V/50Hz, 1PH	220V/50Hz, 1PH
Total power	3.65 KW	3.95 KW	5.05 KW	5.85 KW
Heating plate	1.5 KW	1.8 KW	2.3 KW	3.1 KW
Planing tool	1.4 KW	1.4 KW	2.0 KW	2.0 KW
Hydraulic station	0.75 KW	0.75 KW	0.75KW	0.75KW
Pressure adjusting range	0-8MPa	0-8MPa	0-8MPa	0-8MPa
Max Temperature of heating plate	270°C	270°C	270°C	270°C
Temperature Deviation	±5°C	±5°C	±5°C	±5°C
Piston area	15.32 CM ²	15.32 CM ²	11 CM ²	20.02 CM ²

WP355B - WP500B



Featuring

Suitable for PE, PP, PVDF pipes butt welding

Integrated die casting aluminum clamps, steel base with cylinder, provides stable performance.

Planing tool with separate switch prevents unintentional operation. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

Model	WP355B	WP400B	WP450B	WP500B
Welding range (mm)	90-355	180-400	180-450	180-500
Standard reducers (mm)	160-180-200-225-250- 280-315-355	180-200-225-250 -280-315-355-400	180-200-225-250-280 -315-355-400-450	250-280-315-355-400- 450-500
Optional reducers (mm)	90-110-125-140	----	----	180-200-225
Power supply	220/50Hz, 1PH	380V/50Hz, 3PH	380V/50Hz, 3PH	380V/50Hz, 3PH
Total power	6.3 KW	8.7 KW	8.7 KW	9.1 KW
Heating plate	3.55 KW	6.5 KW	6.5 KW	6.5 KW
Planing tool	2.0 KW	1.1 KW	1.1KW	1.5KW
Hydraulic station	0.75 KW	1.1 KW	1.1KW	1.1KW
Pressure adjusting range	0-8MPa	0-10MPa	0-10MPa	0-10MPa
Max Temperature of heater	270°C	270°C	270°C	270°C
Temperature Deviation	±5°C	±7°C	±7°C	±7°C
Piston area	20.02 CM ²	22.38 CM ²	22.38 CM ²	22.38 CM ²

WP630B

SPECIFICATIONS

Model	WP630B
Welding range (mm)	315-630
Standard reducers (mm)	315-355-400-450-500-560-630
Power supply	380V/50Hz, 3PH
Total power	10.1 KW
Heating plate	7.5 KW
Planing tool	1.5 KW
Hydraulic station	1.1 KW
Pressure adjusting range	0-10 Mpa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Piston area	27.1 CM ²



FEATURING

For use on building sites, drain pipe laying, and in the workshops.

Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (315-630mm)

Optional parts: Flange holder

WP160C



SPECIFICATIONS

Model	WP160C/C2
Welding range (mm)	40-160
Standard reducers (mm)	63-75-90-110-125-140-160
Optional reducers (mm)	40-50
Power supply	220V/50Hz, 1PH
Total power	2.9 KW
Heating plate	1.5 KW
Planing tool	1.4 KW
MaxTemperature of heating plate	270°C
Temperature Deviation	±5°C



Unique gear transmission design
Steady & smooth operation



Model WP160C2
2 rings frame

FEATURING

For use on building sites, drain pipe laying, and workshops
Suitable for PE, PP, PVDF
Integrated die casting aluminum frame, high-strength steel base with unique gear transmission, provides stable and smooth operation performance.
Planing tool with full-gear transmission structure.
Durable and long life HSS blade.
Heating plate with high quality PTFE coating, enables swift temperature control.

STANDARD PARTS

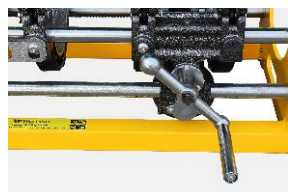
Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Reducers	1 set (63-160mm)

WP200C



SPECIFICATIONS

Model	WP200C/C2
Welding range (mm)	63-200
Standard reducers (mm)	63-75-90-110-125-140 -160-180-200
Power supply	220V/50Hz, 1PH
Total power	3.2 KW
Heating plate	1.8 KW
Planing tool	1.4 KW
MaxTemperature of heating plate	270°C
Temperature Deviation	±5°C



Unique gear transmission design
Steady & smooth operation



Model WP200C2
2 rings frame

FEATURING

For use on building sites, drain pipe laying, and workshops
Suitable for PE, PP, PVDF
Integrated die casting aluminum frame, high-strength steel base with unique gear transmission, provides stable and smooth operation performance.
Planing tool with full-gear transmission structure.
Durable and long life HSS blade.
Heating plate with high quality PTFE coating, enables swift temperature control.

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Reducers	1 set (63-200mm)

WP250C



SPECIFICATIONS

Model	WP250C
Welding range (mm)	90-250
Standard reducers (mm)	63-75-90-110-125-140-160-
Optional reducers (mm)	180-200-225-250
Power supply	63-75
Total power	220V/50Hz, 1PH
Heating plate	4.3 KW
Planing tool	2.3 KW
Max Temperature of heating plate	2.0 KW
Temperature Deviation	270°C ±5°C



Unique gear transmission design
Steady & smooth operation

FEATURING

For use on building sites, drain pipe laying, and workshops
Suitable for PE, PP, PVDF
Integrated die casting aluminum frame, high-strength steel base with unique gear transmission, provides stable and smooth operation performance.
Planing tool with full-gear transmission structure.
Durable and long life HSS blade.
Heating plate with high quality PTFE coating, enables swift temperature control.

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Reducers	1 set (63-250mm)

WP160D 200D



FEATURING

Suitable for PE, PP, PVDF pipes butt welding

Integrated, high-strength full welding steel base with gear transmission.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.



Model	WP160D / D2	WP200D / D2
Welding range (mm)	40-160	63-200
Standard reducers (mm)	63-75-90-110-125-140-160	63-75-90-110-125-140-160-180-200
Optional reducers (mm)	40-50	—
Power supply	220V/50Hz, 1PH	220V/50Hz, 1PH
Total power	2.9 KW	3.2 KW
Heating plate	1.5 KW	1.8 KW
Planing tool	1.4 KW	1.4 KW
Max Temperature of heating plate	270°C	270°C
Temperature Deviation	±5°C	±5°C



Model D2 series

WP200Q - 315Q



Featuring

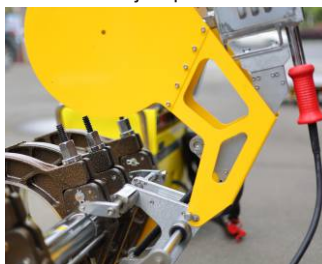
For PE, PP, PVDF pipes butt welding, especially suitable for Natural Gas piping projects

Precision die casting aluminum clamps, steel base with cylinder & auto-jump device, provides stable performance

Integrated digital control system with LCD display, welding parameters auto setting

Heating plate with high quality PTFE coating, enables swift temperature control.

Auto-jump device



Precision clamps (reducers)



Model	WP200Q	WP250Q	WP315Q
Welding range (mm)	63-200	90-250	90-315
Precision reducers (mm)	63-90-110-160-200	90-110-160-200-250	90-110-160-200-250-315
Power supply	220V/50Hz, 1PH	220V/50Hz, 1PH	220V/50Hz, 1PH
Total power	3.95 KW	5.05 KW	5.85 KW
Heating plate	1.8 KW	2.3 KW	3.1 KW
Planing tool	1.4 KW	2.0 KW	2.0 KW
Hydraulic station	0.75KW	0.75KW	0.75KW
Pressure adjusting range	0-8 MPa	0-8 MPa	0-8 MPa
MaxTemperature of heating plate	270°C	270°C	270°C
Temperature Deviation	±5°C	±5°C	±5°C
Pressure stabilizer	Yes	Yes	Yes



WP355Q - 500Q



Featuring

For PE, PP, PVDF pipes butt welding, especially suitable for Natural Gas piping projects

Precision die casting aluminum clamps, steel base with cylinder & auto-jump device, provides stable performance

Integrated digital control system with LCD display, welding parameters auto setting

Heating plate with high quality PTFE coating, enables swift temperature control.

Displacement Sensor



Report



Model	WP355Q	WP400Q	WP450Q	WP500Q
Welding range (mm)	90-355	180-400	180-450	180-500
Standard reducers (mm)	160-180-200-225-250- 280-315-355	180-200-225-250 -280-315-355-400	180-200-225-250-280 -315-355-400-450	250-280-315-355-400- 450-500
Optional reducers (mm)	90-110-125-140	----	----	180-200-225
Power supply	220/50Hz, 1PH	380V/50Hz, 3PH	380V/50Hz, 3PH	380V/50Hz, 3PH
Total power	6.3 KW	8.7 KW	8.7 KW	9.1 KW
Heating plate	3.55 KW	6.5 KW	6.5 KW	6.5 KW
Planing tool	2.0 KW	1.1 KW	1.1KW	1.5KW
Hydraulic station	0.75 KW	1.1 KW	1.1KW	1.1KW
Pressure adjusting range	0-8MPa	0-10MPa	0-10MPa	0-10MPa
Max Temperature of heater	270°C	270°C	270°C	270°C
Temperature Deviation	±5°C	±7°C	±7°C	±7°C
Pressure stabilizer	Yes	Yes	Yes	Yes

WP630Q

SPECIFICATIONS

Model	WP630Q
Welding range (mm)	315-630
Standard reducers (mm)	315-355-400-450-500-560-630
Power supply	380V/50Hz, 3PH
Total power	10.1 KW
Heating plate	7.5 KW
Planing tool	1.5 KW
Hydraulic station	1.1 KW
Pressure adjusting range	0-8 Mpa
MaxTemperature of heating plate	270°C
Temperature Deviation	±7°C
Pressure stabilizer	Yes



FEATURING

For use on building sites, drain pipe laying, and in the workshops. Suitable for PE, PP, PVDF

Integrated die casting aluminum frame, high-strength steel base with cylinder, provides stable heavy-duty performance.

Planing tool with full-gear transmission structure. Durable and long life HSS blade.

Heating plate with high quality PTFE coating, enables swift temperature control.

STANDARD PARTS

Machine frame	1 set
Heating plate	1 set
Planing tool	1 set
Hydraulic station	1 set
Reducers	1 set (315-630mm)

Optional parts: Flange holder



WP20F & WP35F



FEATURING

Electrofusion welding is widely used in PE and PP pipe jointing, with various kind of electrofusion fittings. With the tool of electrofusion welder, the connection job can be done efficiently.

1. Control core of high level MCU, for accurate welding control
2. Built-in Voltage stabilizer, for steady welding
3. Industrial level electrical parts, for steady performance
4. Over-load protection design, guarantee safe operation



Multi-purpose plug



Optional scanner & printer



Optional scraper

Model	WP20F	WP35F
Welding mode	Automatic	Automatic
Suitable material	PE, PP	PE, PP
Max. welding range	200mm	315mm
Power supply	220V±20%, 50~60 Hz	220V±20%, 50~60 Hz
Power	2.5kw	3.5kw
Ambient temperature	-15~70°C	-15~70°C
Voltage control mode	3~60V AC	3~60V AC
Current control mode	3~60A AC	3~60A AC
Time adjusting range	1-9999 seconds	1-9999 seconds
Data record	500	500
Duty rate	80%	80%
Data interface	optional: scanner, printer	optional: scanner, printer
N.W.	18.5kg	23kg



WP35K - 120K



FEATURING

Electrofusion welding is widely used in PE and PP pipe jointing, with various kind of electrofusion fittings. With the tool of electrofusion welder, the connection job can be done efficiently.

1. Control core of high level MCU, for accurate welding control
2. High efficiency of energy transformation up to 95%
3. Industrial level electrical parts, for steady performance
4. Lightweight, easy for transportation



Multi-purpose plug



Optional scanner & printer



Optional scraper

Model	WP35K	WP40K	WP45K	WP60K	WP100K	WP120K
Welding mode	Automatic and Manual					
Suitable material	PE, PP					
Max. welding range	315mm	355mm	450mm	630mm	1000mm	1200mm
Power supply	220V±20%, 40~65 Hz		380V±20%, 40~65 Hz			
Power	3.5kw	4.5KW	8KW	12KW	15KW	16KW
Ambient temperature	-15~45℃					
Output voltage	0~75V adjustable	0~85V	0~130V	0~170V	0~210V	0~225V
Output current	0~55A adjustable		0~80A adjustable			
Control mode	Constant voltage / Constant current					
Data record	500					
Output accuracy	±1.5%					
Duty rate	60%					
Data interface	optional: USB, scanner, printer					

FX20E

Model	FX-200EF
Rated Voltage	AC 220V-240V
Rated Power	2500W
Working Temp	220℃~260℃
Output Volt	10-50V
Output Current	DC 2-60A
Environment Temp	-5℃~45℃
Working Range	OD 20-160 mm (PPR), 20-200 (HDPE)
Suit Material	PP-R/PB/PE/PVDF
Record Storage	2000 PCS
PCS / Carton	1 PCS
N.W / Carton	10.5 KGS
G.W / Carton	12.0 KGS
Carton Size	26.6*18*21CM

Including the following accessories

- 1 PC Welding Connertors ①
- 1 PC Barcode Reader ②
- 1 PC Pipe Scraper ③
- 1 PC Bag ④
- 1 PC Printer ⑤



Booster EX2



SPECIFICATIONS

Model	EX2
Extrusion volume	1.5-2.2 kg/h
Power supply	230V/50Hz, 1PH
Power	3.0 KW
Welding rod	PE/PP Ø3-4mm
Certification	CE
Protection level	II
Product size	500*140*430mm
Net weight	6.4 KGS

FEATURING

The booster plays to its strengths in plastics plants, tanks and underground engineering. It comes into its own for welding complete containers, facilities, pipe constructions or landfill sites. With the booster, you can achieve high-quality work on all common polyolefins. In contrast to the short and compact, booster EX2, the booster Ex3, with a maximum output of 3.4 kg per hour, is ideal when working standing up.

1. Motor protection with optical display
2. Double-sided wire feed
3. Rotating handle
4. 360°-adjustable welding shoe with integrated air guide
5. Additional handle that fits onto the side

STANDARD PARTS

Extrusion welder	1 set
Carrying case	1 pcs
Spare parts and tool	1 set
User Manual	1 pcs



Booster EX3



SPECIFICATIONS

Model	EX3
Extrusion volume	2.4-3.4 kg/h
Power supply	230V/50Hz, 1PH
Power	3.0 KW
Welding rod	PE/PP Ø3-4mm
Certification	CE
Protection level	II
Product size	630*140*430mm
Net weight	7 KGS

FEATURING

The booster plays to its strengths in plastics plants, tanks and underground engineering. It comes into its own for welding complete containers, facilities, pipe constructions or landfill sites. With the booster, you can achieve high-quality work on all common polyolefins. In contrast to the short and compact, booster EX2, the booster Ex3, with a maximum output of 3.4 kg per hour, is ideal when working standing up.

1. Motor protection with optical display
2. Double-sided wire feed
3. Rotating handle
4. 360°-adjustable welding shoe with integrated air guide
5. Additional handle that fits onto the side

STANDARD PARTS

Extrusion welder	1 set
Carrying case	1 pcs
Spare parts and tool	1 set
User Manual	1 pcs



WP40H



SPECIFICATIONS

Model	WP40H
Extrusion volume	1.8-2.8 kg/h
Power supply	230V/50Hz, 1PH
Hot air power	3.4 KW
Driving motor power	1.3 KW
Driving motor	Metabo
Welding rod	PE/PP Ø3-4mm
Certification	CE
Protection level	II
Product size	520*150*360mm
Net weight	7 KGS

FEATURING

WP40H has a huge advantage in the field of plastic welding, with Weldy hot air gun and Metabo motor. Whether in welding container components, plastic equipment, pipes, or garbage stacking yards, it can always perform excellently. Thanks to the extrusion volume of 2.8kg/h, it's a nice choice of static work.

1. Double feeding hole design
2. Weldy hot air blower from Switzerland
3. Metabo motor from Germany
4. 360° rotating welding shoe

STANDARD PARTS

Extrusion welder	1 set
Support stand	1 pc
Carrying case	1 pc
Spare parts and tool	1 set





Geo2 Miniwelder



SPECIFICATIONS

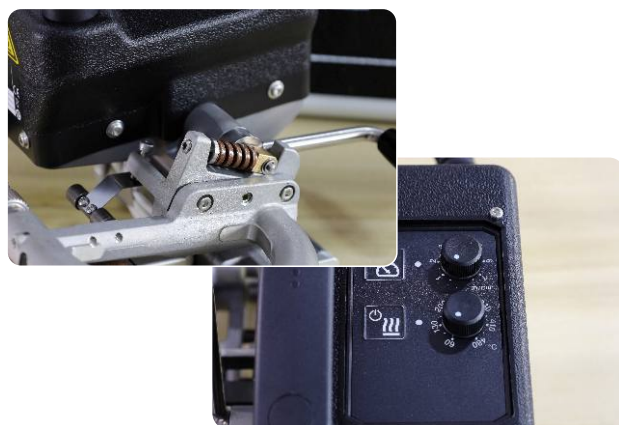
Model	Geo2
Power supply	220V,50/60Hz, 1PH
Power	800W
Wedge temperature max	480°C
Welding width	2*12mm
Welding speed	0.4-7.5m/min
Material thickness	0.5-1.5mm
Max. overlap	100mm
Emission level	60dB
Mark of conformity	CE

FEATURING

This quick and lightweight welding machine is ideal for geomembranes from 0.5 to 1.5 mm thick (HDPE 0.4 - 1.0 mm; TPO 0.7 - 1.5 mm). The miniwelder geo2 can be used to weld fish farm and water tanks, in foundation sealing and many other industrial areas. The miniwelder geo2 distinguishes itself through its revolutionary drive technology and its intuitive use. Temperature and speed easily can be activated and deactivated by means of two buttons, and adjusted using two dials. The current process status is displayed by two LEDs.

STANDARD PARTS

Miniwelder	1 pc
Hex wrench	1 pc
Cleaning brush	1 pc
Aluminum case	1 pc
User Manual	1 pc





FX-32D

APPLIACTION AREA

Digital socket fusion tools are used for connecting PP-R,PE,PB,PVDF pipes and fittings.

Model	FX-32D
Rated Voltage	110V/220V
Rated Power	600W
Working Temp	220°C~260°C
Temp.Tolerance	≤2°C(professional test method)
Warning Temp	set temperature + 20°C
Environment Temp	-5 °C~45°C
Working Range	Φ20,25,32 mm
Suit Material	PP-R/PB/PE/PVDF
Net Weight (Set)	5 KGS
PCS / Carton	4 PCS
N.W / Carton	17 KGS / 4 PCS
G.W / Carton	18 KGS / 4 PCS
Carton Size	49*43.5*20 CM

Including the following accessories

- 1 PC Fusion Welding Machine
- 1 PC Floor Stand
- 1 PC Metal Case
- 1 PC Bag of Bolts and Hex Key Wrench
- 1 PC Table Mounting Clamp (Optional)
- Sockets D20,D25,D32





FX-63D

APPLIACTION AREA

Digital socket fusion tools are used for connecting PP-R,PE,PB,PVDF pipes and fittings.



Model	FX-63D
Rated Voltage	110V/220V
Rated Power	800W
Working Temp	220°C~260°C
Temp.Tolerance	≤2°C(professional test method)
Warning Temp	set temperature + 20°C
Environment Temp	-5 °C~45°C
Working Range	Φ20,25,32,40,50,63 mm
Suit Material	PP-R/PB/PE/PVDF
Net Weight (Set)	7.96 KGS
PCS / Carton	2 PCS
N.W / Carton	15.92 KGS / 2 PCS
G.W / Carton	17.92 KGS / 2 PCS
Carton Size	46*26.5*26.5 CM



Including the following accessories
1 PC Fusion Welding Machine
1 PC Floor Stand
1 PC Metal Case
1 PC Bag of Bolts and Hex Key Wrench
1 PC Table Mounting Clamp (Optional)
Sockets D20,D25,D32,D40,D50,D63





FX-110D

APPLIACTION AREA

Digital socket fusion tools are used for connecting PP-R,PE,PB,PVDF pipes and fittings.

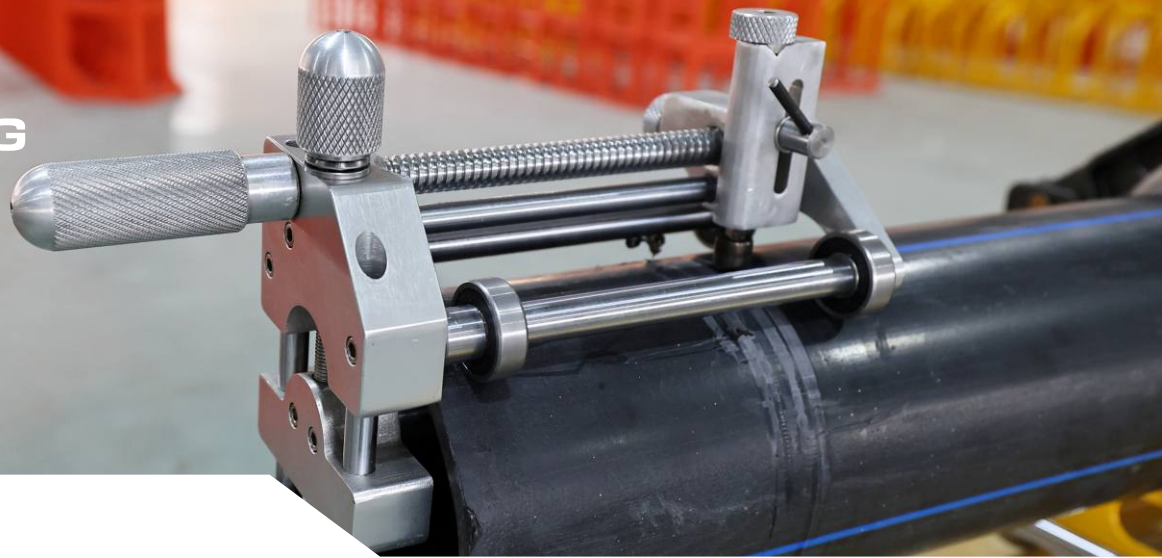


Model	FX-110D
Rated Voltage	110V/220V
Rated Power	1200W
Working Temp	220°C~260°C
Temp.Tolerance	≤2°C(professional test method)
Warning Temp	set temperature + 20°C
Environment Temp	-5 °C~45°C
Working Range	Φ75,90,110 mm
Suit Material	PP-R/PB/PE/PVDF
Net Weight (Set)	10.78 KGS
PCS / Carton	2 PCS
N.W / Carton	19.5 KGS / 2 PCS
G.W / Carton	21.5 KGS / 2 PCS
Carton Size	46*26.5*26.5 CM

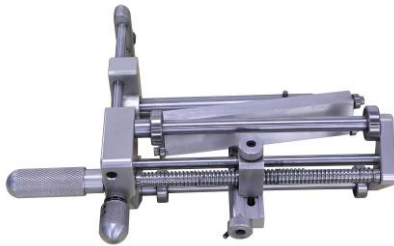
Including the following accessories

- 1 PC Fusion Welding Machine
- 1 PC Floor Stand
- 1 PC Metal Case
- 1 PC Bag of Bolts and Hex Key Wrench
- 1 PC Table Mounting Clamp (Optional)
- 1 PC Reinforced Nylon Wrench(Optional)
- Sockets D75,D90,D110





Scraper



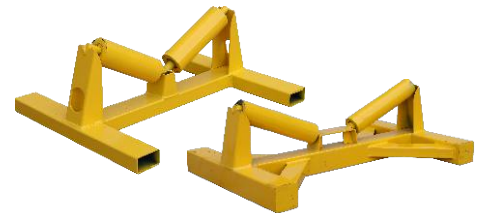
WP400G2 :63-400mm
WP800G2: 200-800mm

Flange Holder



Available for all butt
welding machines

Pipe Roller



90-315mm & 315-1200mm

Rotary cutter



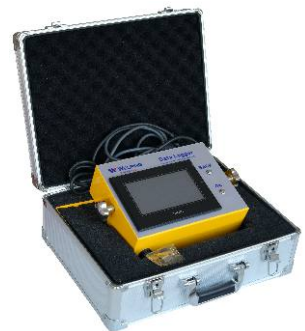
WP63J: 13-63mm
WP110J: 50-110mm
WP200J: 110-200mm

Hoist



Available for butt
welding machines
from 500mm to 1200mm

Data Logger



Available for all hydraulic
butt welding machines



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