



WELPING

Welding & Piping



Catalog for Plastic Welding

2026



Welding & Piping

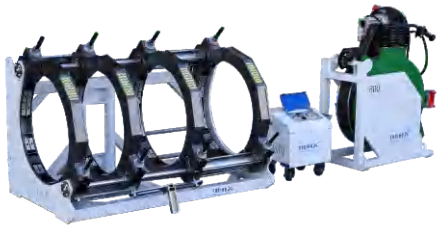

WELPING

FUSING 

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

welpingfusion.com | welpingtool.com | fusingx.com

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Premium line of butt fusion machines, with DynaFX hydraulic system

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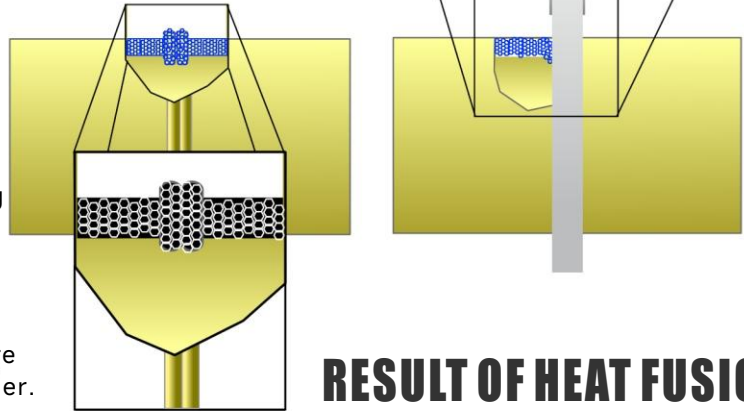
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The Theory of Heat Fusion

The pipe fusion process associated with Welping butt fusion machines is a widely accepted process that joins two pieces of thermoplastic pipe or pipe fitting together with heat and pressure. While commonly associated with high-density polyethylene pipe (HDPE), our machines are capable of fusing (or welding) a variety of different types and sizes of pipe including medium-density polyethylene (MDPE), polypropylene and polypropylene-random (PP-R).

PRINCIPLES OF HEAT FUSION

Heating two pipe end surfaces to a designated temperature and then joining them by applying force. This process generates pressure, leading to the flow and intermingling of the melted materials, which results in fusion. When a thermoplastic pipe is heated, its molecular structure shifts from a crystalline state to an amorphous state. Upon applying fusion pressure the molecules from each pipe end blend together.



RESULT OF HEAT FUSION

As the welded joint cools, the molecules revert to their original state, eliminating the initial interfaces and resulting in a single, seamless pipe.

WHY USE BUTT FUSED PIPE ?

HEAT-FUSED THERMOPLASTIC PIPE HAS MANY BENEFITS OVER TRADITIONAL PIPING SYSTEMS



Seamless

Fused plastic pipes create a single, strong pipeline with fewer joints, making leaks less likely



Long Life

Thermoplastic pipes, such as HDPE, are expected to last up to 50-80 years, thereby saving on replacement costs



Cost-efficient

Leak-free fusion thermoplastic pipelines lower repair needs and save energy as well as materials



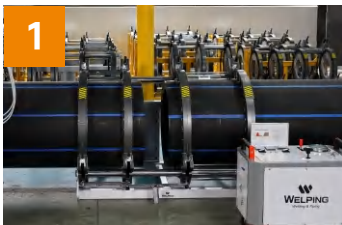
Cost-efficient

Thermoplastic pipes don't rust and resist chemical wear. They won't corrode and can handle harsh chemicals



Tough

Thermoplastic pipes can handle common damages, vibrations, and pressure surges.



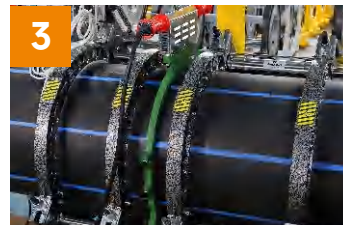
1 Pipe Clamping

Clamp the pipe or fitting securely, align it axially and horizontally, and get ready for the next steps



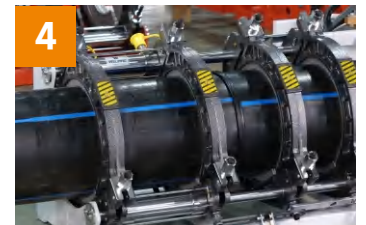
2 Pipe Facing

The pipe ends are faced to create clean, parallel surfaces perpendicular to the centerline



3 Pipe Heating

To heat the pipe or fitting ends to melted condition for jointing later



4 Pipe Fusing

Join the molten pipe ends under steady pressure until the joint cools

FX

FOR PROFESSIONALS

Smart Pressure

The FX series hydraulic unit features an advanced hydraulic design, with a refined appearance and efficient, user-friendly operation.

The unique 'Release' button instantly reduces the pressure to the pipe milling level, enabling quick pressure relief for efficient pipe ends milling.

Featuring forward movement at 1X speed and reverse at 1.3X speed. Improves efficiency and reduces switching time.



Flexible Control

Equipped with a standard remote control for forward and backward movement, facer operation, and emergency stop

Provides a flexible operating experience for various operating tasks



Flexibility & Reliability

The clamp inserts are designed to cover a wide range of pipe sizes, significantly reducing the need for multiple insert combinations.

For example, a large span from 90mm to 315mm requires only three sets of inserts, greatly improving work efficiency.

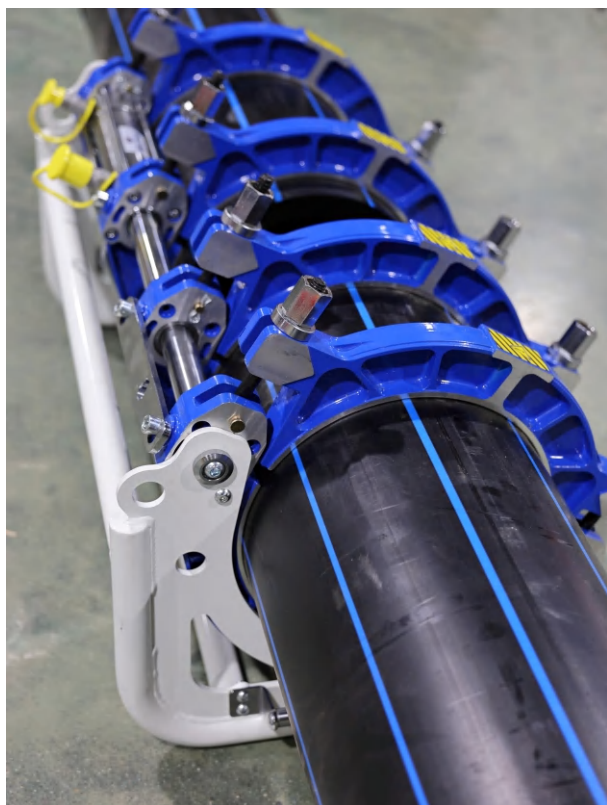
Meanwhile, the inserts feature a high-strength structure, pressure-cast for durability, making them suitable for heavy-duty applications.



Excellent heating

Designed for professional-grade butt fusion welding, the FusingX premium heating plate features:

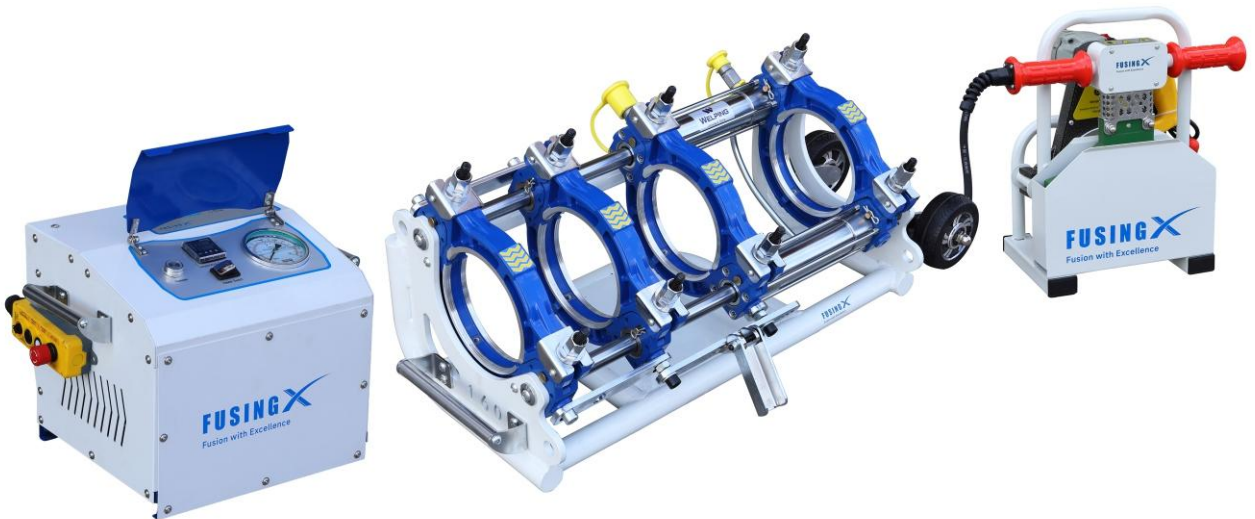
Thicker cast aluminum body with optimized internal heating elements ensures rapid warm-up and uniform heat distribution. Effectively controls temperature deviation to ensure uniform heating, laying the foundation for high-quality fusion joints.



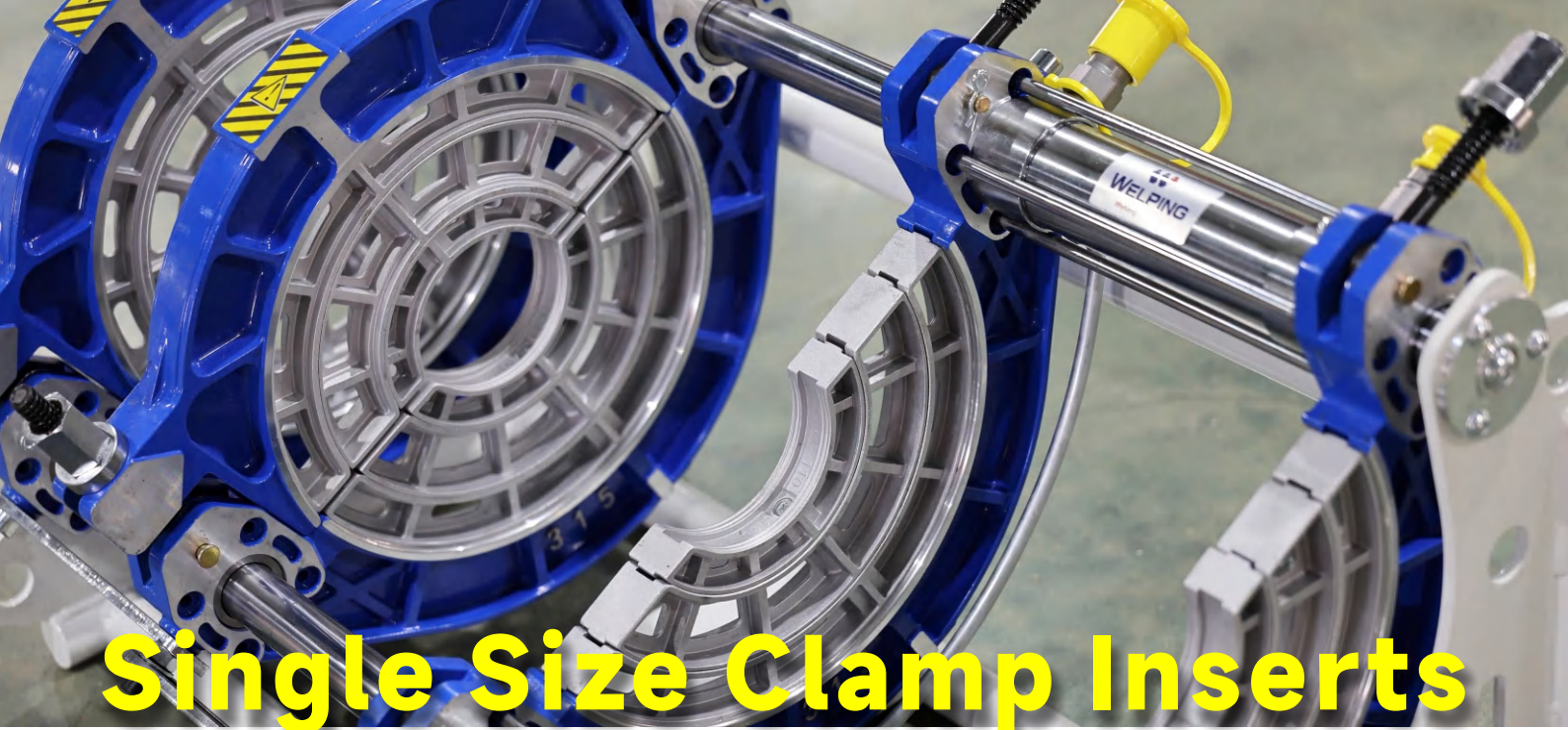
Robust Frame

The frame is fully welded from high-strength steel, ensuring excellent durability and resistance to deformation, even under harsh working conditions
Distinctive appearances for size 160-315





| Model | FX160 | FX200 | FX250 | FX315 |
|--------------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| Welding range (mm) | 40-160 | 63-200 | 63-250 | 90-315 |
| Standard inserts (mm) | 40-50-63-75-90-110 | 63-75-90-110-125-140 | 63-75-90-110-125-140 | 90-110-125-140-160-180 |
| | -125-140-160(M) | -160-180-200(M) | -160-180-200-225-250(M) | -200-225-250-280-315(M) |
| 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 |
| Facer | 1.4 KW | 1.4 KW | 2.0 KW | 2.0 KW |
| Hydraulic station | 0.75 KW | 0.75 KW | 0.75 KW | 0.75 KW |
| Pressure adjusting range | 0-8 MPa | 0-8 MPa | 0-8 MPa | 0-8MPa |
| Max Temperature | 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 |

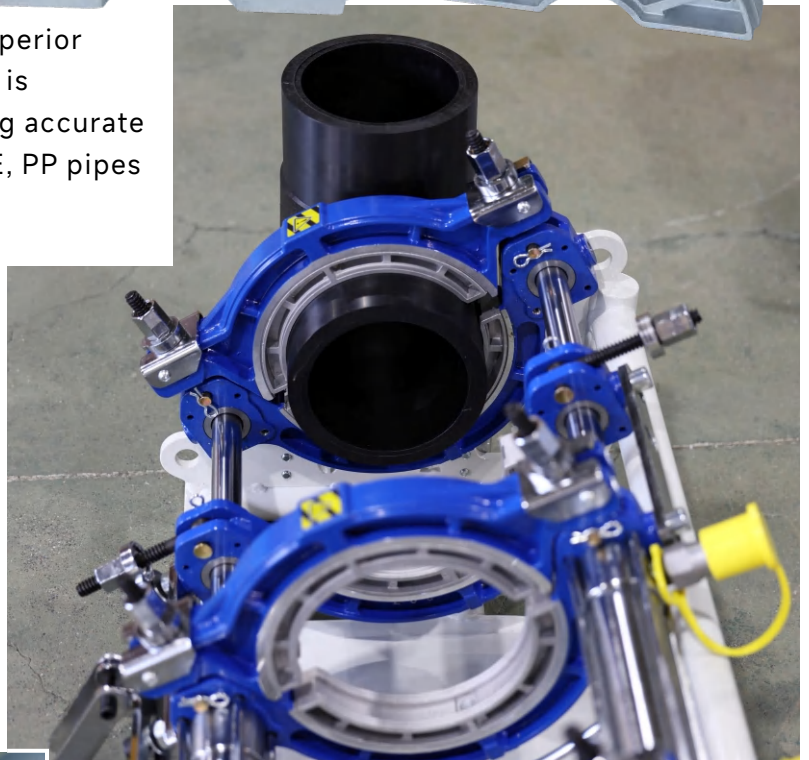


Single Size Clamp Inserts

Welping's single-size clamp inserts are precisely engineered and manufactured from high-quality aluminum die-casting, offering superior strength and dimensional stability. Each insert is designed for a specific pipe diameter, ensuring accurate centering and firm clamping during various PE, PP pipes butt fusion welding.

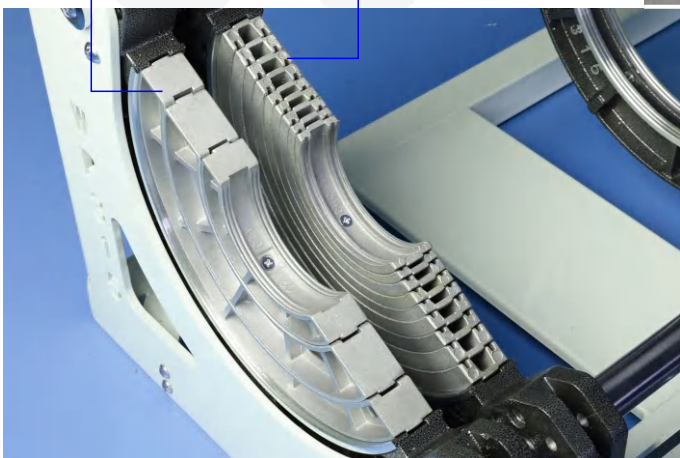
Quick installation: Single-piece structure ensures easy handling and reliable alignment, greatly reducing the stacking quantity of the clamp inserts.

Compatible with FX Series, A Pro Series, A Series, and C Series fusion machines, 160mm, 200mm, 250mm and 315mm



Single-size type

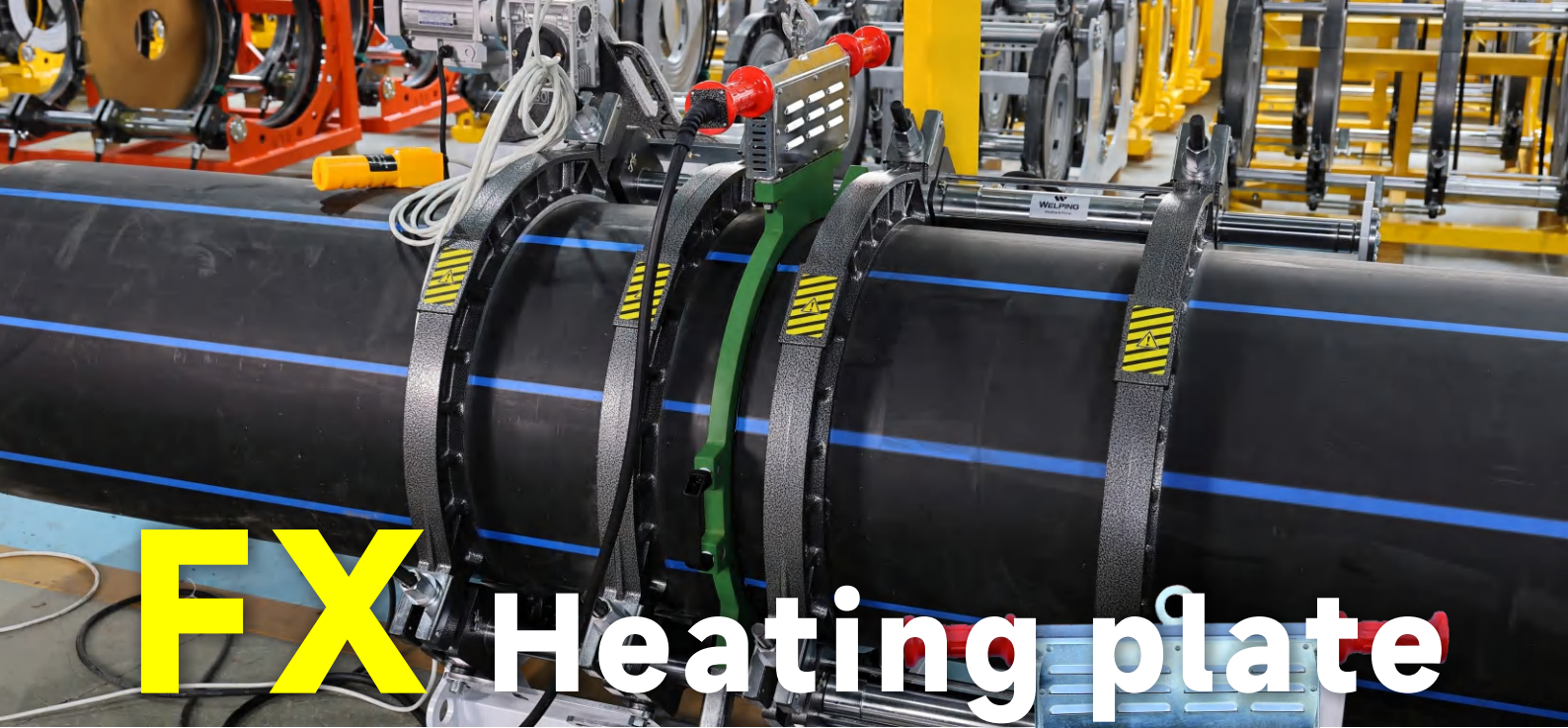
Normal type



Available with

| | |
|----------|----------------------------|
| 90-315mm | 3-layer insert combination |
| 63-250mm | 3-layer insert combination |
| 63-200mm | 2-layer insert combination |
| 50-160mm | Single-size insert |
| 40-160mm | 2-layer insert combination |

*Support customization of specific sizes



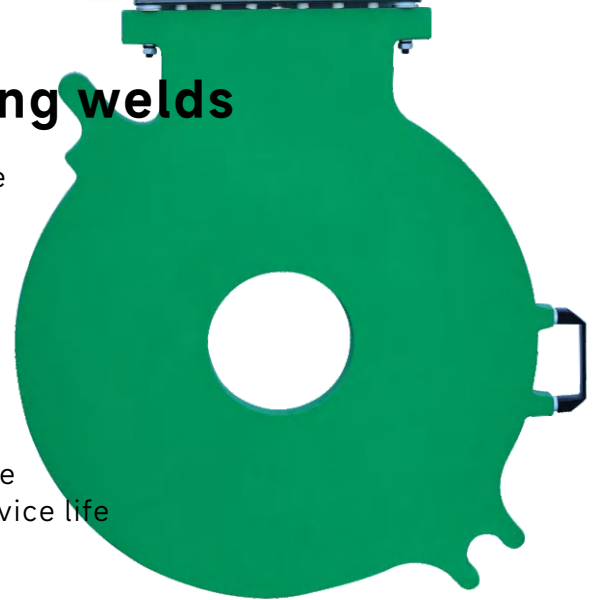
FX Heating plate

Excellent heating for demanding welds

Designed for professional-grade butt fusion welding, the FusingX premium heating plate features:

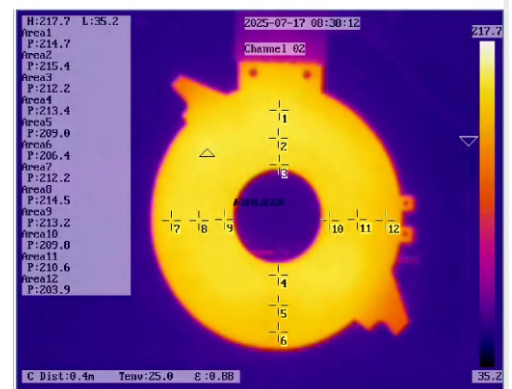
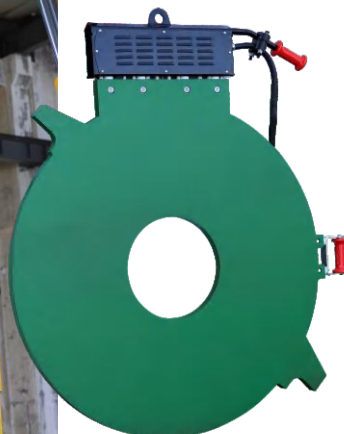
Thicker cast aluminum body with optimized internal heating elements ensures rapid warm-up and uniform heat distribution. Effectively controls temperature deviation to ensure uniform heating, laying the foundation for high-quality fusion joints.

Coated with Daikin PEFT non-stick finish to resist residue and oxidation, making cleaning easier and extending service life



Choice for professionals

Standard for FX series fusion machines
 Optional for A pro and A series fusion machines
 Size available with 160mm up to 2250mm,
 supports customization



800



FX FOR PROFESSIONALS



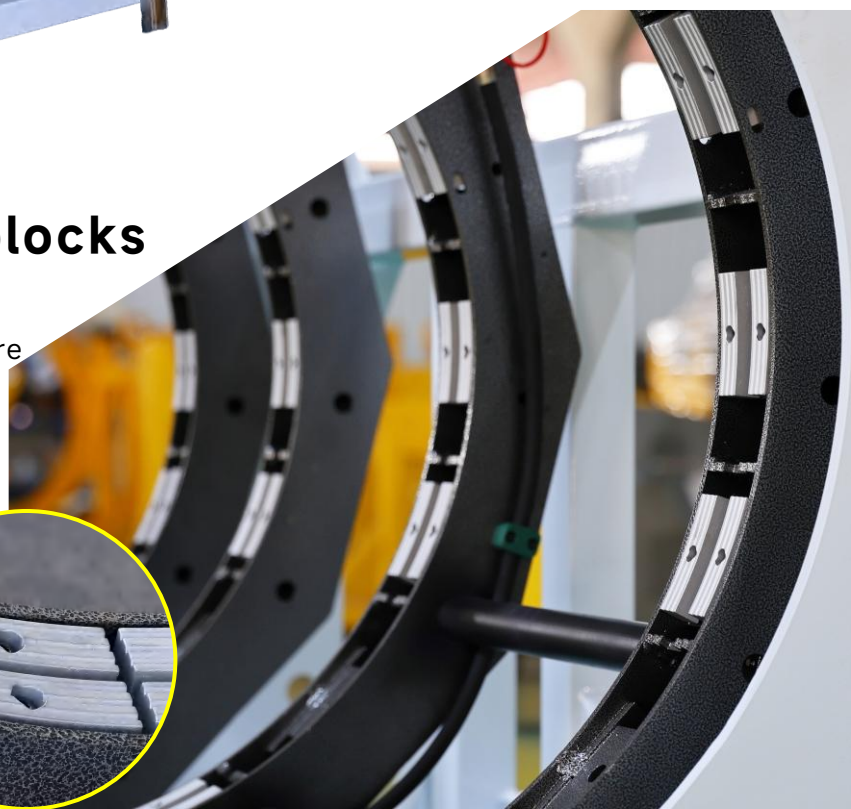
Heavy-duty FRAME

- Complete reinforced welded steel structure, strong, free of distortion
- Thickened and enlarged side plates provide a more solid overall structure
- Newly designed upper and lower rings improve both structural strength and overall appearance

Extra high-grip aluminum pad blocks

The anti-slip pad blocks feature an independent, removable design for easy use and quick installation

Standard on the FX series; optional for the A Pro and A series, sizes are available with: 800-1000-1200mm



WELDING

FX

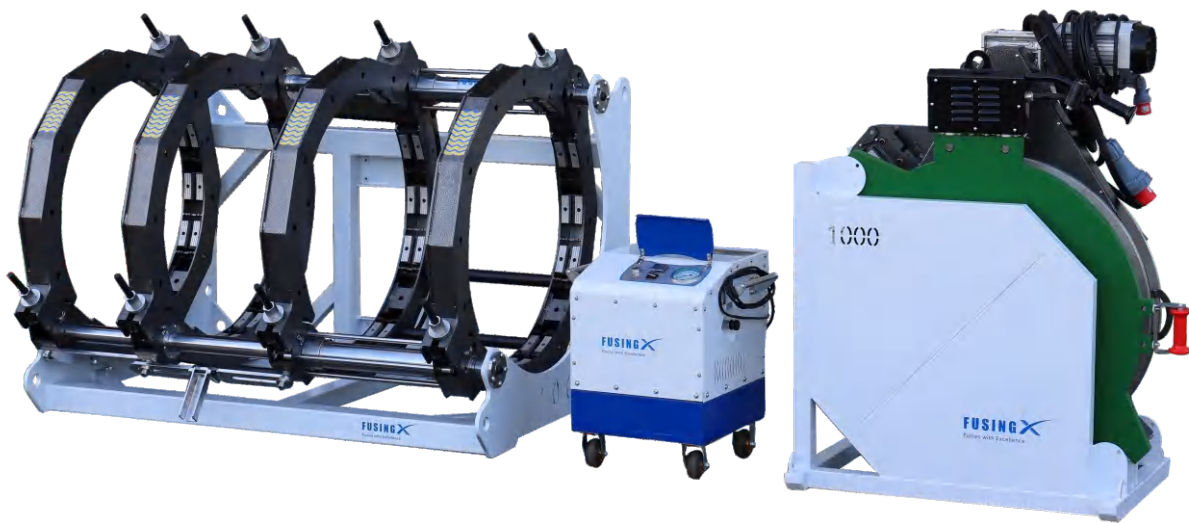


FOR PROFESSIONALS

| Model | FX355 | FX400 | FX450 | FX500 |
|--------------------------|----------------------------|-----------------------|-----------------------|-------------------------|
| Welding range (mm) | 90-355 | 180-400 | 180-450 | 180-500 |
| Standard inserts (mm) | 90-110-125-140-160-180-200 | 180-200-225-250-280 | 180-200-225-250-280 | 180-200-225-250-280 |
| | -225-250-280-315-355(M) | -315-355-400(M) | -315-355-400-450(M) | -315-355-400-450-500(M) |
| Power supply | 220V/50Hz, 1PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 6.35 KW | 8.7 KW | 8.7 KW | 9.1 KW |
| Heating plate | 3.6 KW | 6.5 KW | 6.5 KW | 6.5 KW |
| Facer | 2.0 KW | 1.1 KW | 1.1 KW | 1.5 KW |
| Hydraulic station | 0.75 KW | 1.1 KW | 1.1 KW | 1.1 KW |
| Pressure adjusting range | 0-8 MPa | 0-10 MPa | 0-10 MPa | 0-10 MPa |
| Max Temperature | 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 |

| Model | FX630 |
|--------------------------|----------------------|
| Welding range (mm) | 315-630 |
| Standard inserts (mm) | 315-355-400-450-500 |
| | -560-630(M) |
| Power supply | 380V/50Hz, 3PH |
| Total power | 10.1 KW |
| Heating plate | 7.5 KW |
| Facer | 1.5 KW |
| Hydraulic station | 1.1 KW |
| Pressure adjusting range | 0-10 MPa |
| Max Temperature | 270°C |
| Temperature Deviation | ±7°C |
| Piston Area | 27.1 CM ² |





| Model | FX800 | FX1000 | FX1200 |
|--------------------------|----------------------------|-------------------------|-----------------------------------|
| Welding range (mm) | 450-800 | 630-1000 | 630-1200 |
| Standard inserts (mm) | 450-500-560-630-710-800(M) | 630-710-800-900-1000(M) | 630-710-800-900-1000-1100-1200(M) |
| Power supply | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 16.2 KW | 24.5 KW | 30.5 KW |
| Heating plate | 12.5 KW | 17.5 KW | 22.5 KW |
| Facer | 2.2 KW | 3 KW | 4 KW |
| Hydraulic station | 1.5 KW | 4 KW | 4 KW |
| Pressure adjusting range | 0-10 MPa | 0-12 MPa | 0-12 MPa |
| Max Temperature | 270°C | 270°C | 270°C |
| Temperature Deviation | ±7°C | ±7°C | ±7°C |
| Piston Area | 31.8 CM ² | 36.52 CM ² | 45.94 CM ² |

*(M): Machine Frames



A pro Series



Heavy-duty FRAME

- Complete reinforced welded steel structure, strong, free of distortion
- Aluminum strengthened clamping part with anti-friction pads
- Qualified hydraulic cylinder with quick couplings, for easy installation



Pro Reliability

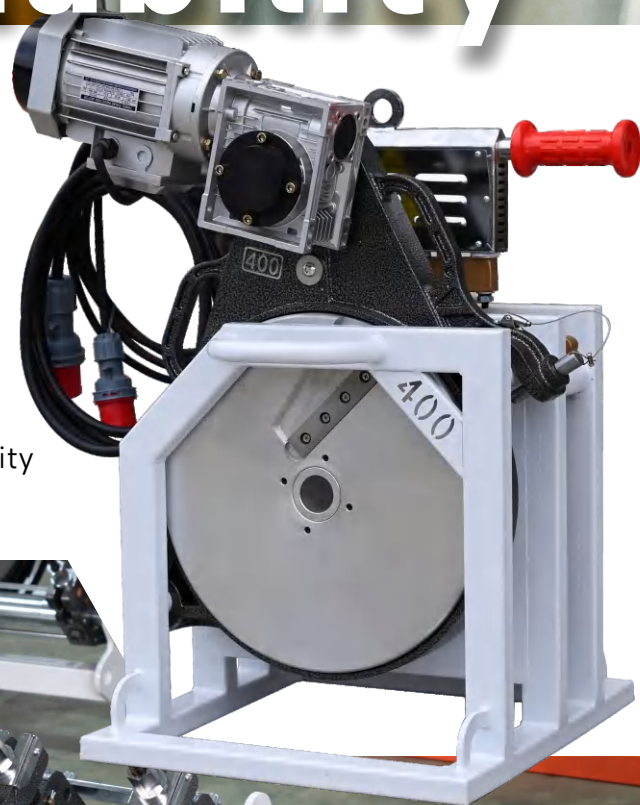
Reliable Facing Tool

Gear-driven structure adopted across the full size range from 160mm to 630mm

Sizes 800mm to 1200mm, both gear transmission and heavy-duty self-tensioning chain systems are available

Flexible coupling design delivers smoother rotation, reduced vibration, and longer motor life

Reinforced cutter plates designed for long-term stability under heavy-duty use





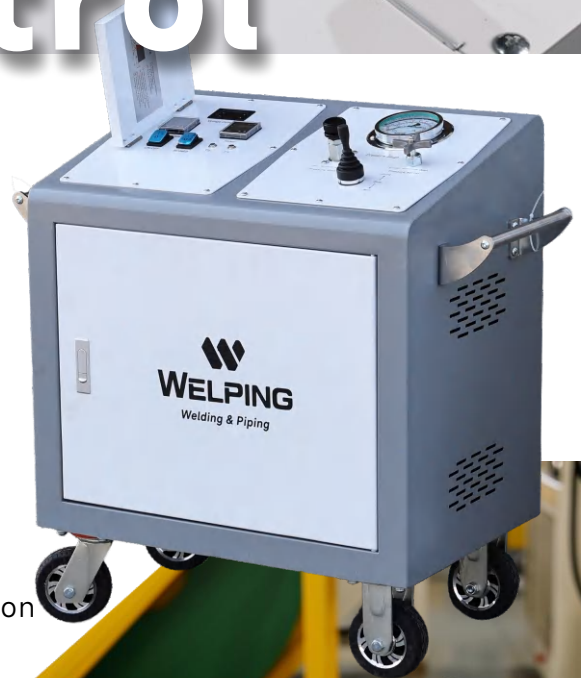
Pro Control

Classical design

Continuing the classic exterior design of the A Series hydraulic station, the A Pro version features upgraded electrical components and pressure gauge for a more stable and efficient operating experience

Integrated hydraulic and electrical control. All-in-one control panel: hydraulic actuation, pressure setting, timing, electric info display, temperature setting

Enclosure design, shielding splash and dirt and wheels (for sizes above 355mm), for easy transportation



Page 12 for details

Optional data logger

Records welding temperature, pressure, and time for quality control.

Provides welding parameters for reference.

Ensures compliance with international standards



A Pro 160-315



Available with

| Model | WP160Apro | WP200Apro | WP250Apro | WP315Apro |
|--------------------------|---------------------------------------|---|---|---|
| Welding range (mm) | 40-160 | 63-200 | 63-250 | 90-315 |
| Standard inserts (mm) | 40-50-63-75-90-110 -125-140-160(M) | 63-75-90-110-125-140 -160-180-200(M) | 63-75-90-110-125-140 -160-180-200-225-250(M) | 90-110-125-140-160-180 -200-225-250-280-315(M) |
| 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 |
| Facer | 1.4 KW | 1.4 KW | 2.0 KW | 2.0 KW |
| Hydraulic station | 0.75 KW | 0.75 KW | 0.75 KW | 0.75 KW |
| Pressure adjusting range | 0-8 MPa | 0-8 MPa | 0-8 MPa | 0-8MPa |
| Max Temperature | 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 |

*(M): Machine Frames



A Pro 355-500



| Model | WP355Apro | WP400Apro | WP450Apro | WP500Apro |
|--------------------------|---|--|--|--|
| Welding range (mm) | 90-355 | 180-400 | 180-450 | 180-500 |
| Standard inserts (mm) | 90-110-125-140-160-180-200 -225-250-280-315-355(M) | 180-200-225-250-280 -315-355-400(M) | 180-200-225-250-280 -315-355-400-450(M) | 180-200-225-250-280 -315-355-400-450-500(M) |
| Power supply | 220V/50Hz, 1PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 6.35 KW | 8.7 KW | 8.7 KW | 9.1 KW |
| Heating plate | 3.6 KW | 6.5 KW | 6.5 KW | 6.5 KW |
| Facer | 2.0 KW | 1.1 KW | 1.1 KW | 1.5 KW |
| Hydraulic station | 0.75 KW | 1.1 KW | 1.1 KW | 1.1 KW |
| Pressure adjusting range | 0-8 MPa | 0-10 MPa | 0-10 MPa | 0-10 MPa |
| Max Temperature | 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 |

*(M): Machine Frames



A Pro 630-1200



| Model | WP630Apro | WP800Apro | WP1000Apro | WP1200Apro |
|--------------------------|------------------------------------|----------------------------|---------------------------------------|--|
| Welding range (mm) | 315-630 | 500-800 | 800-1000 | 1000-1200 |
| Standard inserts (mm) | 315-355-400-450-500 -560-630(M) | 500-560-630 -710-800(M) | 800-900-1000(M) 630-710 (optional) | 1000-1100-1200(M) 630-710-800-900(optional) |
| Power supply | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 10.1 KW | 16.2 KW | 24.5 KW | 30.5 KW |
| Heating plate | 7.5 KW | 12.5 KW | 17.5 KW | 22.5 KW |
| Facer | 1.5 KW | 2.2 KW | 3 KW | 4 KW |
| Hydraulic station | 1.1 KW | 1.5 KW | 4 KW | 4 KW |
| Pressure adjusting range | 0-10 MPa | 0-10 MPa | 0-12 MPa | 0-12 MPa |
| Max Temperature | 270°C | 270°C | 270°C | 270°C |
| Temperature Deviation | ±7°C | ±7°C | ±7°C | ±7°C |
| Piston Area | 27.1 CM ² | 31.8 CM ² | 36.52 CM ² | 45.94 CM ² |

*(M): Machine Frames

Data Logger

For butt fusion welding machine



The Data Logger is specifically designed for butt fusion welding machines, ensuring reliable recording and monitoring of welding processes. It accurately sets and captures essential welding parameters, for quality control and compliance purposes.

1. Preloaded major welding standard (ISO, DVS)
2. Memory of 500 records
3. Built-in USB port for Welding Reports exportation
4. Built-in printer, the welding report can be printed directly
5. Language in English, Russian and Chinese

Applicable to butt fusion welding machines, used for welding short pipes and fittings
Suitable for the entire range of welding machines,
Steel panel with precise laser cutting and welding
Sizes are available with: 160mm up to 2250mm
customizable upon request



Stub end devices

160mm-2250mm





Large-size Series

For Heavy-duty jobs

For water transmission, power plant cooling lines, mining projects, marine intakes, and large-scale infrastructure construction

The frame is fully welded from high-strength steel, ensuring excellent durability and resistance to deformation, even under harsh working conditions. Supports non-standard pipe sizes and special clamps for structured-wall pipes such as Carat pipe

Heavy-duty facing tool and custom-designed heating plates are built to meet the demands of high-load and long-duration jobs

Available with sizes: 1400mm, 1600mm, 1800mm, 2000mm, 2250mm, 2500mm and more, customization upon requests



Heavy-duty pipe roller stands



Large-size Series



| Model | WP1400A | WP1600A | WP1800A | WP2000A |
|---------------------------------|-------------------|------------------------|------------------------|-------------------|
| Welding range (mm) | 1000-1400 | 1000-1600 | 1200-1800 | 1600-2000 |
| Standard reducers (mm) | 1000-1200-1400(M) | 1000-1200-1400-1600(M) | 1200-1400-1600-1800(M) | 1600-1800-2000(M) |
| Power supply | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 49.5 KW | 61.5 KW | 78 KW | 94.7 KW |
| Heating plate | 40 KW | 50 KW | 65 KW | 80 KW |
| Planing tool | 5.5 KW | 7.5 KW | 7.5 KW | 9.2 KW |
| Hydraulic station | 4 KW | 4 KW | 5.5 KW | 5.5 KW |
| Pressure adjusting range | 0-16 MPa | 0-16MPa | 0-16MPa | 0-16MPa |
| MaxTemperature of heating plate | 270°C | 270°C | 270°C | 270°C |
| Temperature Deviation | ±10°C | ±10°C | ±10°C | ±10°C |

*(M): Machine Frames



Pipe Roller Stand

For HDPE pipe



Designed to complement large-diameter butt fusion machines, our heavy-duty roller pipe stands provide essential support for handling and aligning HDPE pipes during the welding process

| Model / Size | Pipe Size | Load Capacity |
|--------------|-------------|---------------|
| 1800RS | 800-1800mm | 5000kg |
| 3000RS | 1000-3000mm | 10000kg |

*Customization up request

Specially designed for large-diameter fusion machines, this optional hydraulic crane provides a reliable and labor-saving solution for mounting and removing heavy components such as the facer and heating plate



Multi-Section Telescopic Structure:
Compact when stored, extended when in use – flexible for various jobsite space

Integrated Installation:
Firmly mounted to the machine frame for enhanced stability and easy deployment

Essential for Large Sizes:
Strongly recommended for Ø1400mm and above machines

Hydraulic Crane

For Large-size fusion machines



Welping offers two types of clamp inserts—
CoreClamp Steel and CoreClamp Aluminum, designed for
FX, Apro and A series butt fusion welding machines,
these inserts ensure accurate alignment and secure
clamping for high-quality fusion welds

CoreClamp Steel

Crafted from precision laser-cut steel and welded for superior strength, CoreClamp Steel is built to handle the high clamping forces for large-diameter fusion welding. Equipped with anti-slip serrations inside, the inserts firmly grip the pipe, reducing slippage during alignment and fusion. Non-standard sizes can be custom-made to meet unique project requirements or special pipe dimensions

Available sizes:

630-710-800-900-1100-1200-1400-1600-1800-2000mm

16"-18"-20"-24"-28"-32"-36"-42"-48"-54"-60"

*Customized sizes upon request



CoreClamp Steel

Standard



CoreClamp Aluminum

Pro

CoreClamp Aluminum

Made with high-strength aluminum die casting, CoreClamp Aluminum offers a lightweight yet durable solution for large-diameter pipe clamping. It's ideal for field operations requiring easy handling, fast setup, and accurate alignment. The insert features a widened contact surface that provides more stable pipe holding. It's four-piece split-ring design allows for quick assembly and disassembly.

Standard size: 630-710-800-900-1100-1200mm



Large-size Clamp Inserts

A series 160-315



| Model | WP160A | WP200A | WP250A | WP315A |
|--------------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| Welding range (mm) | 63-160 | 63-200 | 63-250 | 90-315 |
| Standard inserts (mm) | 63-75-90-110 | 63-75-90-110-125-140 | 90-110-125-140 | 90-110-125-140-160-180 |
| | -125-140-160(M) | -160-180-200(M) | -160-180-200-225-250(M) | -200-225-250-280-315(M) |
| Optional inserts (mm) | ---- | ---- | 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 |
| Facer | 1.4 KW | 1.4 KW | 2.0 KW | 2.0 KW |
| Hydraulic station | 0.75 KW | 0.75 KW | 0.75 KW | 0.75 KW |
| Pressure adjusting range | 0-8 MPa | 0-8 MPa | 0-8 MPa | 0-8MPa |
| Max Temperature | 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 |

*(M): Machine Frames



| Model | WP355A | WP400A | WP450A | WP500A |
|--------------------------|--|--|--|------------------------------------|
| Welding range (mm) | 90-355 | 180-400 | 180-450 | 180-500 |
| Standard inserts (mm) | 160-180-200-225-250 -280-315-355(M) | 180-200-225-250-280 -315-355-400(M) | 180-200-225-250-280 -315-355-400-450(M) | 250-280-315-355-400 -450-500(M) |
| Optional inserts (mm) | 90-110-125-140 | ---- | ---- | 180-200-225 |
| Power supply | 220V/50Hz, 1PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 6.35 KW | 8.7 KW | 8.7 KW | 9.1 KW |
| Heating plate | 3.6 KW | 6.5 KW | 6.5 KW | 6.5 KW |
| Facer | 2.0 KW | 1.1 KW | 1.1 KW | 1.5 KW |
| Hydraulic station | 0.75 KW | 1.1 KW | 1.1 KW | 1.1 KW |
| Pressure adjusting range | 0-8 MPa | 0-10 MPa | 0-10 MPa | 0-10 MPa |
| Max Temperature | 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 |

*(M): Machine Frames

A series 630-1200



| Model | WP630A | WP800A | WP1000A | WP1200A |
|--------------------------|----------------------|----------------------|-----------------------|-----------------------|
| Welding range (mm) | 315-630 | 450-800 | 630-1000 | 630-1200 |
| Standard inserts (mm) | 315-355-400-450-500 | 630-710-800(M) | 800-900-1000(M) | 1000-1100-1200(M) |
| Optional inserts | ---- | 450-500-560 | 630-710 | 630-710-800-900 |
| Power supply | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 10.1 KW | 16.2 KW | 24.5 KW | 30.5 KW |
| Heating plate | 7.5 KW | 12.5 KW | 17.5 KW | 22.5 KW |
| Facer | 1.5 KW | 2.2 KW | 3 KW | 4 KW |
| Hydraulic station | 1.1 KW | 1.5 KW | 4 KW | 4 KW |
| Pressure adjusting range | 0-10 MPa | 0-10 MPa | 0-12 MPa | 0-12 MPa |
| Max Temperature | 270°C | 270°C | 270°C | 270°C |
| Temperature Deviation | ±7°C | ±7°C | ±7°C | ±7°C |
| Piston Area | 27.1 CM ² | 31.8 CM ² | 36.52 CM ² | 45.94 CM ² |

*(M): Machine Frames



| Model | WP200AI | WP250AI | WP315AI | WP355AI |
|--------------------------|-----------------------|---------------------|-----------------------|-------------------------|
| Welding range (mm) | 2"-6" | 2"-8" | 3"-10" | 3"-14" |
| Standard inserts (mm) | 2"-2.5"-3"-4"-6" | 2"-2.5"-3"-4"-6"-8" | 3"-4"-6"-8"-10" | 3"-4"-6"-8"-10"-12"-14" |
| Power supply | 220V/50Hz, 1PH | 220V/50Hz, 1PH | 220V/50Hz, 1PH | 220V/50Hz, 1PH |
| Total power | 3.95 KW | 5.05 KW | 5.85 KW | 6.35 KW |
| Heating plate | 1.8 KW | 2.3 KW | 3.1 KW | 3.6 KW |
| Facer | 1.4 KW | 2.0 KW | 2.0 KW | 2.0 KW |
| Hydraulic station | 0.75 KW | 0.75 KW | 0.75 KW | 0.75 KW |
| Pressure adjusting range | 0-8 MPa | 0-8 MPa | 0-8MPa | 0-8 MPa |
| Max Temperature | 270°C | 270°C | 270°C | 270°C |
| Temperature Deviation | ±5°C | ±5°C | ±5°C | ±5°C |
| Piston Area | 15.32 CM ² | 11 CM ² | 20.02 CM ² | 20.02 CM ² |





AI series 16"-48"

| Model | WP500AI | WP630AI | WP1000AI | WP1200AI |
|--------------------------|------------------------|----------------------|-----------------------|-----------------------|
| Welding range (mm) | 8"-18" | 16"-24" | 26"-36" | 28"-48" |
| Standard inserts (mm) | 8"-10"-12"-14"-16"-18" | 16"-18"-20"-22"-24" | 26"-28"-32"-36" | 28"-32"-36"-42"-48" |
| Power supply | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 9.1 KW | 10.1 KW | 24.5 KW | 30.5 KW |
| Heating plate | 6.5 KW | 7.5 KW | 17.5 KW | 22.5 KW |
| Facer | 1.5 KW | 1.5 KW | 3 KW | 4 KW |
| Hydraulic station | 1.1 KW | 1.1 KW | 4 KW | 4 KW |
| Pressure adjusting range | 0-10 MPa | 0-10 MPa | 0-12 MPa | 0-12 MPa |
| Max Temperature | 270°C | 270°C | 270°C | 270°C |
| Temperature Deviation | ±7°C | ±7°C | ±7°C | ±7°C |
| Piston Area | 22.38 CM ² | 27.1 CM ² | 36.52 CM ² | 45.94 CM ² |



*Customized sizes upon request



B series 160-355

| Model | WP160B | WP200B | WP250B | WP315B |
|--------------------------|-----------------------|-----------------------|--------------------|------------------------|
| Welding range (mm) | 63-160 | 63-200 | 63-250 | 90-315 |
| Standard inserts (mm) | 63-75-90-110 | 63-75-90-110-125-140 | 90-110-125-140 | 90-110-125-140-160-180 |
| Optional inserts (mm) | ---- | ---- | 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 |
| Facer | 1.4 KW | 1.4 KW | 2.0 KW | 2.0 KW |
| Hydraulic station | 0.75 KW | 0.75 KW | 0.75 KW | 0.75 KW |
| Pressure adjusting range | 0-8 MPa | 0-8 MPa | 0-8 MPa | 0-8MPa |
| Max Temperature | 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 |

*(M): Machine Frames



WP355B

| |
|-----------------------|
| 90-355 |
| 160-180-200-225-250 |
| -280-315-355(M) |
| 90-110-125-140 |
| 220V/50Hz, 1PH |
| 6.35 KW |
| 3.6 KW |
| 2.0 KW |
| 0.75 KW |
| 0-8 MPa |
| 270°C |
| ±5°C |
| 20.02 CM ² |



B series 400-630



| Model | WP400B | WP450B | WP500B | WP630B |
|--------------------------|-----------------------|-----------------------|-------------------------|----------------------|
| Welding range (mm) | 180-400 | 180-450 | 180-500 | 315-630 |
| Standard reducers (mm) | 180-200-225-250-280 | 180-200-225-250-280 | 180-200-225-250-280 | 315-355-400-450-500 |
| | -315-355-400(M) | -315-355-400-450(M) | -315-355-400-450-500(M) | -560-630(M) |
| Power supply | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH | 380V/50Hz, 3PH |
| Total power | 8.7 KW | 8.7 KW | 9.1 KW | 10.1 KW |
| Heating plate | 6.5 KW | 6.5 KW | 6.5 KW | 7.5 KW |
| Facer | 1.1 KW | 1.1 KW | 1.5 KW | 1.5 KW |
| Hydraulic station | 1.1 KW | 1.1 KW | 1.1 KW | 1.1 KW |
| Pressure adjusting range | 0-10 MPa | 0-10 MPa | 0-10 MPa | 0-10 MPa |
| Max Temperature | 270°C | 270°C | 270°C | 270°C |
| Temperature Deviation | ±7°C | ±7°C | ±7°C | ±7°C |
| Piston Area | 22.38 CM ² | 22.38 CM ² | 22.38 CM ² | 27.1 CM ² |

*(M): Machine Frames



| Model | WP200Q | WP250Q | WP315Q |
|--------------------------|---|---|---|
| Welding range (mm) | 63-200 | 63-250 | 90-315 |
| Standard inserts (mm) | 63-75-90-110-125-140 -160-180-200(M) | 63-75-90-110-125-140 -160-180-200-225-250(M) | 90-110-125-140-160-180 -200-225-250-280-315(M) |
| 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 |
| Facer | 1.4 KW | 2.0 KW | 2.0 KW |
| Hydraulic station | 0.75 KW | 0.75 KW | 0.75 KW |
| Pressure adjusting range | 0-8 MPa | 0-8 MPa | 0-8MPa |
| Max Temperature | 270°C | 270°C | 270°C |
| Temperature Deviation | ±5°C | ±5°C | ±5°C |
| Auto jumping device | standard | standard | standard |

*(M): Machine Frames

C series Manual



Designed for reliability and ease of use, the C Series manual machine combines solid construction with smooth, gear-driven performance. Its compact form and robust frame make it a dependable choice for both workshop and on-site operations.

Features:

- Full-gear drive system, smooth & reliable operation
- Compact design for easy handling and transport
- All-steel welded body for superior durability
- 4-guide-posts structure for enhanced stability
- Suitable for heavy-duty and continuous use

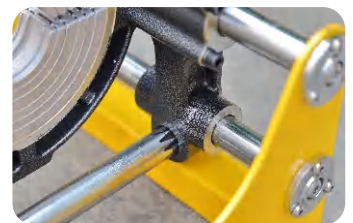


| Model | WP110C2 | WP160C/C2 | W200C/C2 | WP250C |
|-----------------------|----------------|-----------------|----------------------|-------------------------|
| Welding range (mm) | 40-110 | 63-160 | 63-200 | 63-250 |
| Standard inserts (mm) | 40-50-63-75 | 63-75-90-110 | 63-75-90-110-125-140 | 63-75-90-110-125-140 |
| | -90-110(M) | -125-140-160(M) | -160-180-200(M) | -160-180-200-225-250(M) |
| Power supply | 220V/50Hz, 1PH | 220V/50Hz, 1PH | 220V/50Hz, 1PH | 220V/50Hz, 1PH |
| Total power | 2.9 KW | 2.9 KW | 3.2 KW | 4.3 KW |
| Heating plate | 1.5 KW | 1.5 KW | 1.8 KW | 2.3 KW |
| Facer | 1.4 KW | 1.4 KW | 1.4 KW | 2.0 KW |
| Max Temperature | 270°C | 270°C | 270°C | 270°C |
| Temperature Deviation | ±5°C | ±5°C | ±5°C | ±5°C |

*(M): Machine Frames



C2 type





D series Manual

DB
Model



*Available in 4 rings and 2 rings

Economical and practical, the D Series DB models offer a cost-effective solution for everyday tasks without compromising essential performance. Compact, easy to operate, and simple to maintain, they are ideal for users seeking reliable function at an affordable price.

Features:

- Economical design with solid performance
- Lightweight and compact for easy transport
- Simple operation, suitable for all skill levels
- Low maintenance requirements

| Model | WP160DB | WP200DB | W250DB |
|-----------------------|---------------------------------|---|---|
| Welding range (mm) | 63-160 | 63-200 | 63-250 |
| Standard inserts (mm) | 63-75-90-110 -125-140-160(M) | 63-75-90-110-125-140 -160-180-200(M) | 63-75-90-110-125-140 -160-180-200-225-250(M) |
| Power supply | 220V/50Hz, 1PH | 220V/50Hz, 1PH | 220V/50Hz, 1PH |
| Total power | 1.71 KW | 2.31 KW | 2.83 KW |
| Heating plate | 1.0 KW | 1.6 KW | 2.2 KW |
| Facer | 0.71 KW | 0.71 KW | 0.83 KW |
| Max Temperature | 270°C | 270°C | 270°C |
| Temperature Deviation | ±5°C | ±5°C | ±5°C |

*(M): Machine Frames





FX series Electrofusion



Smart Control, Simplified Operation

The control system is redesigned with streamlined logic and workflow, making operation easy and efficient even in complex conditions. Large LCD display and top-mounted interface provide clear data visibility

Precise Output for Reliable Welding

High-precision voltage and current output ensures accurate welding time and stable parameters. An ambient temperature sensor enables automatic adjustment for consistent welding results

Designed for Tough Job Sites

The machine features a heavy-duty steel housing with waterproof switches, offering strong resistance to impact, dust, and moisture

Easy Data Recording & Connectivity

Serial communication interfaces improve compatibility with barcode scanner and printer, ensuring stable data transmission
Built-in USB port supports easy recording, export, of welding operations



standard scanner



optional printer



convenient plugs stock



standard USB



Backside layout

| Model | FX40E | FX45E | FX60E |
|-------------------------|---|--------------|--------------|
| Welding mode | automatic and manual | | |
| Suitable material | PE, PP | | |
| Reference welding range | 20-355mm | 20-630mm | 20-630mm |
| Power supply | 220V±20%, 40~65 Hz | | |
| Power | 4000w | 6000w | 6000w |
| Ambient temperature | -15~45°C | | |
| Output voltage | 3~60V adjustable | 3~95V | 3~60V |
| Output current | 3~60A adjustable | 3~60A | 3~90A |
| Control mode | Constant voltage / Constant current | | |
| Data record | 500 | | |
| Duty rate | 60% | | |
| Data interface | Standard scanner, USB port, optional: printer | | |



optional scraper (P33)



Optional multi-purpose plug

K series Electrofusion



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



standard scanner



optional printer



optional USB



Optional multi-purpose plug



optional scraper (P27)

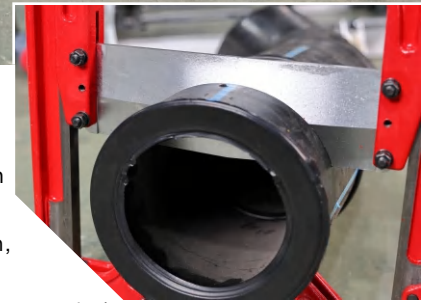
| Model | WP35K | WP40K | WP45K | WP60K | WP100K | WP120K |
|---------------------|--|-------|--------|--------------------|--------|--------|
| Welding mode | automatic and manual | | | | | |
| Suitable material | PE, PP | | | | | |
| Max. welding range | 315mm | 355mm | 450mm | 630mm | 1000mm | 1200mm |
| 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°C | | | | | |
| 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 | Standard scanner, optional: USB, printer | | | | | |





PE Guillotine Cutter

For HDPE pipe



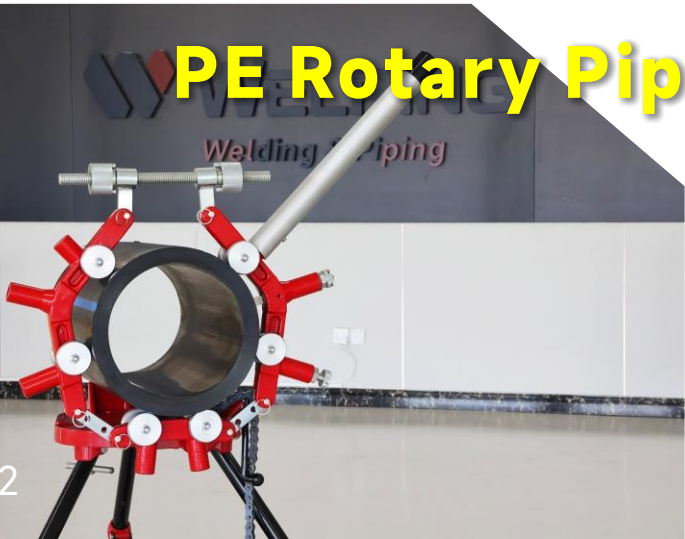
Suitable for cutting PE pipes both in trenches and on open ground (PVC and PP are not available)
Squarest cut available, within 1/8" (3 mm) on medium and high density pipe
Saves facing cost: no facing needed for electrofusion, less needed for butt fusion
Requires minimal clearance, only 4"-6" (102-152 mm) around pipe
Clean and safe! No chips to clog valves and apertures
 The blade is made of reinforced mold steel, coated with hard chrome, making it super easy to cut without sticking

| Catalog No. | Model No. | Pipe capacity | | Package Size mm | Weight kg |
|-------------|-----------|---------------|---------|--------------------|--------------|
| | | in-nom | O.D.-mm | | |
| 740010 | GPC4 | 1 1/2" - 4" | 50-125 | 500*250*85 | 8.5 |
| 740020 | GPC10 | 3" - 8" | 90-250 | 820*425*155 | 25 |
| 740030 | GPC12 | 4" - 12" | 110-355 | 1200*630*180 | 48 |

| Catalog No. | Model No. | Pipe capacity | | Weight kg |
|-------------|-----------|---------------|---------|--------------|
| | | in-nom | O.D. mm | |
| 740040 | RPC250 | 6"-10" | 160-250 | 9.5 |
| 740050 | RPC355 | 6"-12" | 160-355 | 12.5 |
| 740060 | RPC500 | 6"-18" | 160-500 | 15.5 |
| 740070 | RPC630 | 6"-24" | 160-630 | 18.5 |
| 740080 | RPC800 | 6"-28" | 160-800 | 21.5 |



PE Rotary Pipe Cutter



Designed for PE/HDPE pipes — cuts and bevels simultaneously
Safe and clean operation — no dust, and chips fall directly at the cutting point without entering the pipe
Only 6" - 8" clearance needed to turn the cutter around pipe
Cuts out-of-round pipe with spring-loaded nut design
An affordable solution for contractors to perform quick pipe cuts during tie-ins or emergency repairs — and restore flow fast.
Lightweight aluminum frame for easy transport, with reinforced alloy blade for long-lasting cutting and beveling



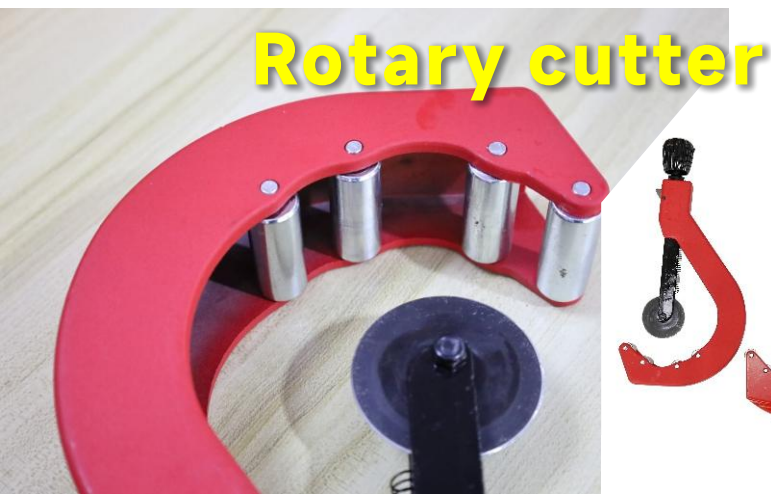
Pipe Cutting Machine

For plastic pipes



| Model | WP-220 | WP-240 | WP-400 |
|----------------------------|----------|----------|----------|
| Cutting range (mm) | 15-220mm | 15-240mm | 75-400mm |
| Power | 1000W | 1750W | 1750W |
| Wall thickness for steel | 8mm | 10mm | 10mm |
| Wall thickness for plastic | 12mm | 35mm | 35mm |
| Rotation speed | 3200rpm | 2900rpm | 2900rpm |
| Voltage | 220-240V | 220-240V | 220-240V |
| Frequency | 50-60Hz | 50-60Hz | 50-60Hz |

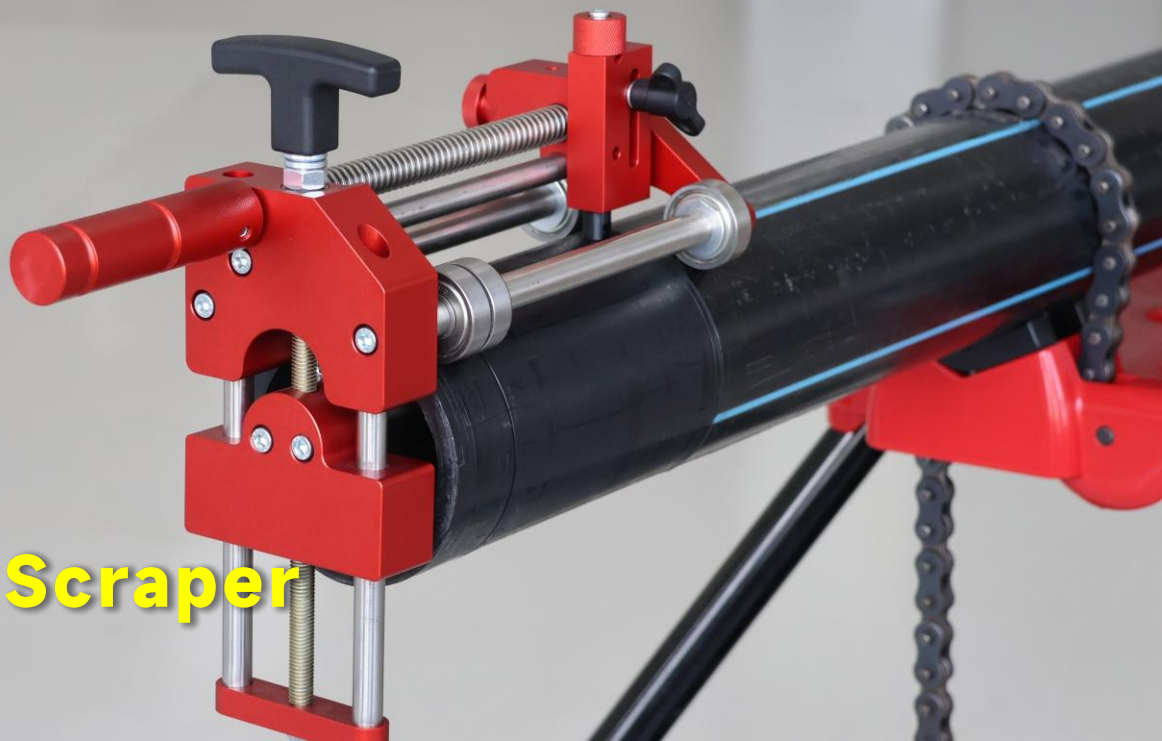
Suitable for cutting various types of pipes: steel pipes, cast iron pipes, plastic pipes (PE, PVC, etc.)
 Applicable for applications: urban water supply, heating systems, industrial pipelines, natural gas pipelines, fire protection pipelines, shipyards, etc
 Ultra-fine carbide saw blade for burr-free cutting
 Precision guide rail roller adjustment system, achieving a cutting accuracy of 0.1mm



Rotary cutter



| Model | Cutting range |
|--------|---------------|
| WP63J | 13-63mm |
| WP110J | 50-110mm |
| WP200J | 110-200mm |



PE Pipe Scraper

PPS24 PPS32

New



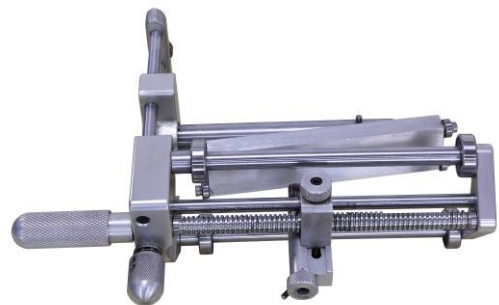
For the reliable removal of the oxidation layer on PE pipe caused by weather and ultraviolet rays, before electro-fusion. Additionally it is also possible to scrape PVC, PPR and PEX pipes. Simple to use - Once the chuck is secured in the end of the pipe, threaded on the scraping head and start peeling. Low rotational mass, reduce the swinging effect when peeling the pipe end. Spring loaded blade to maintain a consistent and smooth peeling. Larger working range since 63mm up to 500mm and 800mm. Scraper blade made of carbide for a long life. Come with robust carry case.

| Catalog No. | Model No. | Pipe capacity | Max. Scraping Length | Max. Pipe Thickness | Sta, Pack | Package Size mm | Weight | |
|-------------|-----------|---------------|----------------------|---------------------|-----------|--------------------|--------|----|
| | | | | | | | lbs | kg |
| 720030 | PPS24 | 63mm-500mm | 175mm | 60mm | 1 | 450*350*250 | 15.4 | 7 |
| 720040 | PPS32 | 63mm-800mm | 225mm | 85mm | 1 | 600*350*300 | 19.8 | 9 |

Conventional Models



WP200G Working range:63-200mm
WP400G Working range:160-400mm



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

TB
series



Socket Fusion Welder for PPR pipes



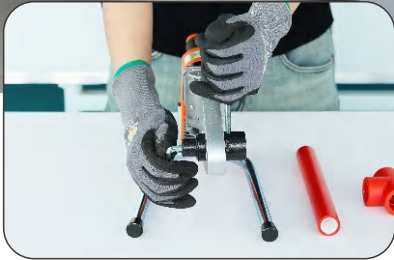
The TB Series offers a dependable and cost-effective solution for everyday socket fusion welding needs. Designed with durability and ease of use in mind, these welders are available in 32mm, 63mm, and 110mm sizes to suit a wide range of applications. With stable heating performance and straightforward operation, the TB Series delivers consistent results for construction, plumbing, and maintenance projects, making it a trusted choice for contractors and installers.

| Model | WP32TB | WP63TB | WP110TB |
|-----------------------------|-----------------------|-----------------------|-----------------------|
| Power supply | 220/110V,50/60Hz, 1PH | 220/110V,50/60Hz, 1PH | 220/110V,50/60Hz, 1PH |
| Power | 800W | 1.0 KW | 1.2 KW |
| Ambient temperature | -20-85°C | -20-85°C | -20-85°C |
| Welding range | 20-25-32mm | 20-25-32-40-50-63mm | 75-90-110mm |
| Relative humidity | 40-95% | 40-95% | 40-95% |
| Temperature control | 260±5°C | 260±5°C | 260±5°C |
| Handle alarm temperature | >85°C | >85°C | >85°C |
| Leakage of electric current | <5mA | <5mA | <5mA |
| Certification | CE | CE | CE |



Socket Fusion Welder

Fusion Instructions with Digital Temperature Display



1. Setting Temperature

Select proper pipe and fitting,
Set the correct temperature before
pipe fusion operation



2. Cutting the Pipe

Cut the required pipe length
with a plastic pipe cutter



3. Cleaning the Pipe

Clean the fusion surface of
the pipe with alcohol



4. Measuring fusion depth

Mark the fusion depth on the pipe
according to the socket depth of
the fitting (or use the positioning
holes on the heating sleeve)



5. Heating the Pipe

Insert pipe and fitting horizontally
into the sockets, refer to the table
below for heating time



6. Connecting and Cooling

Connect the heated pipe and
fitting accurately and finish
adjustment within 5s

Recommended Welding Time and Insertion Depth at Ambient Temperature of 20 °C

| External Diameter (mm) | Melting Depth (mm) | | Heating Time (s) | Processing Time (s) | Cooling Time (min) |
|------------------------|--------------------|---------------|------------------|---------------------|--------------------|
| | A (fitting side) | B (pipe side) | | | |
| 16 | 14.5 | 16.0 | 4 | 4 | 2 |
| 20 | 14.5 | 15.5 | 5 | 4 | 2 |
| 25 | 15.0 | 16.5 | 7 | 4 | 2 |
| 32 | 16.5 | 18.5 | 8 | 6 | 4 |
| 40 | 17.9 | 17.9 | 12 | 6 | 4 |
| 50 | 19.8 | 19.8 | 18 | 6 | 4 |
| 63 | 23.8 | 23.8 | 24 | 8 | 6 |
| 75 | 25.8 | 27.8 | 30 | 8 | 8 |
| 90 | 28.7 | 30.7 | 40 | 8 | 8 |
| 110 | 32.3 | 36.3 | 50 | 10 | 8 |
| 125 | 38.0 | 38.0 | 60 | 10 | 8 |
| 140 | 40.0 | 40.0 | 90 | 15 | 15 |
| 160 | 50.0 | 50.0 | 120 | 15 | 20 |

Note: If the ambient temperature is below 5°C, the heating time should be increased by 50%

Socket Fusion Welder

For plastic pipes



| Model | FX32D | FX63D | FX110D | FX160D | FX200D |
|-------------------------|-------------------------------|--------------------|------------------|-------------------|-------------------|
| Power supply | 220/110V | 220/110V | 220/110V | 220/110V | 220/110V |
| Power | 600W | 800W | 1200W | 1800W | 1800W |
| Working temperature | 220°C-260°C | 220°C-260°C | 220°C-260°C | 220°C-260°C | 220°C-260°C |
| Temperature tolerance | ≤2°C | ≤2°C | ≤2°C | ≤2°C | ≤2°C |
| Warning temperature | set value + 20°C | set value + 20°C | set value + 20°C | set value + 20°C | set value + 20°C |
| Environment temperature | -5°C-45°C | -5°C-45°C | -5°C-45°C | -5°C-45°C | -5°C-45°C |
| Welding range (mm) | Φ20,25,32 | Φ20,25,32,40,50,63 | Φ75,90,110 | Φ20-160(optional) | Φ20-200(optional) |
| Pipe material | universal for PP-R/PB/PE/PVDF | | | | |
| Net weight | 5 KGS | 8 KGS | 10.78 KGS | 7.2 KGS | 7.5 KGS |
| PCS/Carton | 4 PCS | 2 PCS | 2 PCS | 2 PCS | 2 PCS |
| N.W/Carton | 17KGS/4PCS | 15.9KGS/2PCS | 19.5KGS/2PCS | 14.4KGS/2PCS | 15KGS/2PCS |
| G.W/Carton | 18KGS/4PCS | 17.9KGS/2PCS | 21.5KGS/2PCS | 15.4KGS/2PCS | 16KGS/2PCS |
| Carton size | 49*43.5*20CM | 46*26.5*26.5CM | 46*26.5*26.5CM | 52*26*13CM | 52*26*13CM |



Socket Fusion Welder

For plastic pipes



FX
series



| Model | FX32Y | FX63Y | FX32L | FX63L | FX110L |
|-------------------------|-------------------------------|--------------------|------------------|--------------------|------------------|
| Power supply | 220/110V | 220/110V | 220/110V | 220/110V | 220/110V |
| Power | 600W | 800W | 600W | 800W | 1200W |
| Working temperature | 220°C-260°C | 220°C-260°C | 220°C-260°C | 220°C-260°C | 220°C-260°C |
| Temperature tolerance | ≤2°C | ≤2°C | ≤2°C | ≤2°C | ≤2°C |
| Warning temperature | set value + 20°C | set value + 20°C | set value + 20°C | set value + 20°C | set value + 20°C |
| Environment temperature | -5°C-45°C | -5°C-45°C | -5°C-45°C | -5°C-45°C | -5°C-45°C |
| Welding range (mm) | Φ20,25,32 | Φ20,25,32,40,50,63 | Φ20,25,32 | Φ20,25,32,40,50,63 | Φ75,90,110 |
| Pipe material | universal for PP-R/PB/PE/PVDF | | | | |
| Net weight | 5 KGS | 7.96 KGS | 5 KGS | 7.96 KGS | 10.78 KGS |
| PCS/Carton | 4 PCS | 4 PCS | 2 PCS | 2 PCS | 2 PCS |
| N.W/Carton | 16KGS/4PCS | 23.5KGS/4PCS | 10.1KGS/2PCS | 15.92KGS/2PCS | 19.5KGS/2PCS |
| G.W/Carton | 17KGS/4PCS | 24.5KGS/4PCS | 12.1KGS/2PCS | 17.92KGS/2PCS | 21.5KGS/2PCS |
| Carton size | 49*43.5*20CM | 49*43.5*20CM | 44*25.5*19CM | 46*26.5*26.5CM | 46*26*26.5CM |





Plastic Extrusion Welder

Booster EX2, EX3

| Model | EX2 | EX3 |
|------------------|----------------|----------------|
| Extrusion volume | 1.5-2.2 kg/h | 2.4-3.4 kg/h |
| Power supply | 230V/50Hz, 1PH | 230V/50Hz, 1PH |
| Power | 3.0 KW | 3.0 KW |
| Welding rod | PE/PP Ø3-4mm | PE/PP Ø3-4mm |
| Certification | CE | CE |
| Protection level | II | II |
| Product size | 500*140*430mm | 630*140*430mm |
| Net weight | 6.4 KGS | 7 KGS |



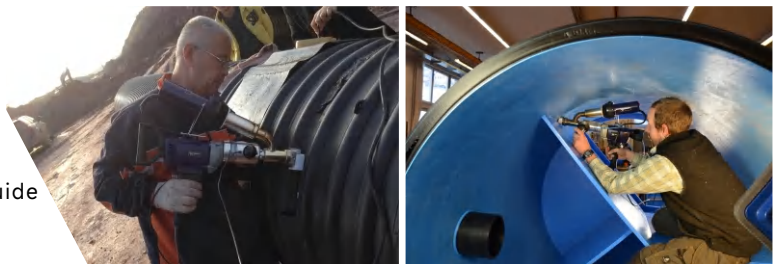
The Booster series excels in applications such as plastics manufacturing, tank construction, and underground engineering. It is perfectly suited for welding complete containers, facilities, pipe assemblies, and landfill sites. Designed for high-quality work on all common polyolefins, the compact Booster EX2 offers excellent maneuverability in confined spaces, while the Booster EX3, with a maximum output of 3.4 kg per hour, is ideal for standing operations and large-scale projects.



Various welding shoes for options

Features:

- Motor protection with optical indicator
- Double-sided wire feed for consistent extrusion
- Rotating handle for flexible positioning
- 360° adjustable welding shoe with integrated air guide
- Additional side handle for improved control





Plastic Extrusion

WP40H, Weldy HT1600 series

| 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 |



Available with:
HT1600 series
HT1600D series

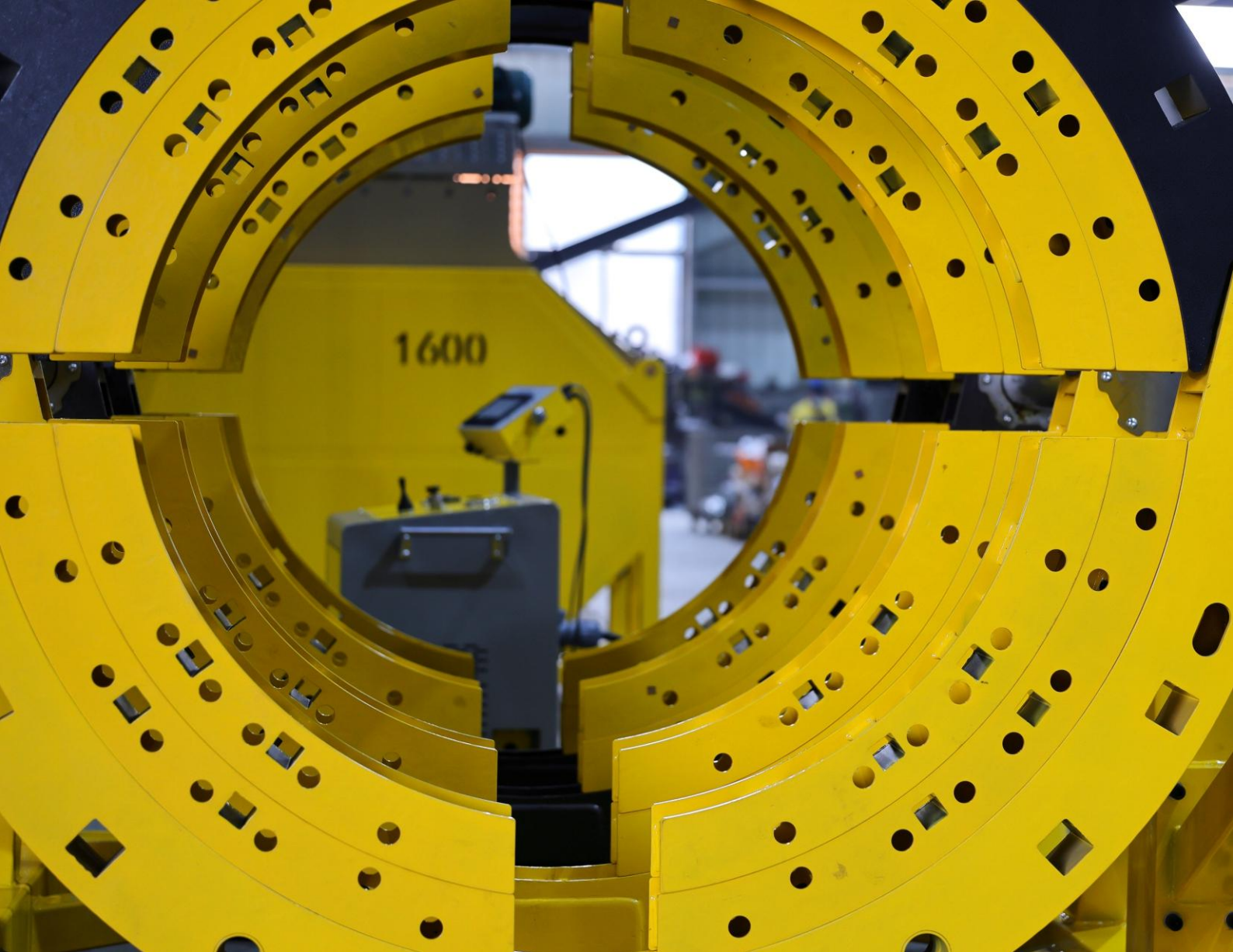


Available with:
Plastic welding kit
Overlap welding kit



HT1600 - HT1600D Series

| | |
|---------------------|--|
| Voltage | 120 V / 220 V / 230 V , 50/60 Hz |
| Power | 1600 W |
| Temperature Range | 40-700°C(HT1600) / 40-620°C (HT1600D) |
| Temperature Control | Stepless |
| Airflow (20°C) | 120-240 l/min (HT1600 D) / 240 l/min (HT1600) |
| Air Volume Adjust | Stepless (HT1600D) / No (HT1600) |
| Static Pressure | 2600 Pa |
| Display | Yes (HT1600D) / No (HT1600) |
| e-Drive Control | Yes (HT1600D) / No (HT1600) |
| Nozzle Connection | Ø31.5 mm |
| Weight | 1.2 kg (HT1600D) / 0.99 kg (HT1600) |
| Noise Level | 67 dB (A) |
| Approvals | CE (HT1600D) / CE; KC (HT1600) |
| Protection Class | Class II |



Version 1.2



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