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PLASTIC INDUSTRIES LLC



Your Trusted and Reliable Source for All Fittings



Hydraulic Buttfusion Welding Machines 450-800mm

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Hydraulic Butt Fusion Welding Machines: Heavy-Duty Solutions for Industrial-Scale Pipelines

Engineered for the most demanding applications, our Hydraulic Butt Fusion Welding Machine series delivers unmatched strength and precision for large-diameter pipelines. From municipal infrastructure to heavy industrial projects, these machines are built to handle the toughest welding challenges with ease. Explore our four powerhouse models, each designed to tackle specific pipeline scales while sharing advanced features for flawless, code-compliant welds.

Machine-450: Mid-Range Industrial Power

- **Working Range :** 280–450 mm
- **Max Power :** 8.7 kW | **Weight :** 388 kg
- Perfect for municipal water systems, gas distribution, and mid-sized industrial pipelines, this machine balances power and portability for projects requiring reliability and efficiency.

Machine-500: Heavy-Duty Versatility

- **Working Range :** 315–500 mm
- **Max Power :** 10.3 kW | **Weight :** 400 kg
- Tackle larger pipelines with confidence. Ideal for wastewater treatment plants, chemical transport, and high-pressure utility networks, this model combines robust performance with precise temperature control.

Machine-630: Ultra-Wide Range Performance

- **Working Range :** 400–630 mm
- **Max Power :** 12.35 kW | **Weight :** 617 kg
- Built for industrial-scale projects like mining infrastructure, oil and gas pipelines, and large-diameter ducts, this machine delivers exceptional power and stability for critical applications.

Machine-800: Maximum Capacity for Extreme Projects

- **Working Range :** 630–800 mm
- **Max Power :** 16.9 kW | **Weight :** 1440 kg
- Our flagship model dominates the largest pipelines, including power plant installations, offshore systems, and mega-infrastructure projects. Its rugged 1440 kg frame ensures unwavering stability under extreme loads.

Shared Features for Superior Results

- **Materials :** Welds HDPE, PP, PB, and PVDF with ease.
- **Power Supply :** 380V/415V (50Hz/60Hz) for industrial-grade performance.
- **Temperature Control :** Maintains 170–250°C (±7°C) with a max of 270°C for flawless joints.
- **Optional Accessories :** Stub end holder, data logger, and custom inserts for enhanced precision and compliance.

Why Choose Our Series?

- **Scalability :** From 280 mm to 800 mm—engineered for projects of any scale.
- **Durability :** Heavy-duty frames and industrial-grade components for long-lasting reliability.
- **Precision :** Advanced thermal management and hydraulic systems for leak-proof welds.

Transform Your Industrial Pipeline Projects

Whether you're building critical infrastructure or expanding industrial networks, our Hydraulic Butt Fusion Welding Machines set the standard for efficiency and strength.

Ready to Elevate Your Welding Capabilities?

Contact us today to discuss your project requirements, request a quote, or schedule a live demonstration. With four models designed for excellence, we've got your pipeline welding needs covered.

Product Specifications :

- **Machine-450 :** 280–450 mm | 8.7 kW | 388 kg
- **Machine-500 :** 315–500 mm | 10.3 kW | 400 kg
- **Machine-630 :** 400–630 mm | 12.35 kW | 617 kg
- **Machine-800 :** 630–800 mm | 16.9 kW | 1440 kg

Shared Features :

- **Materials :** HDPE, PP, PB, PVDF
- **Power Supply :** 380V/415V, 50Hz/60Hz
- **Temperature Range :** 170–250°C (±7°C), Max 270°C
- **Optional Accessories :** Stub end holder, Data logger, Special inserts

From industrial pipelines to mega-projects—engineered to weld bigger, stronger, smarter.

Model	450	500	630	800
Working Range	280-450Mm	315-500Mm	400-630Mm	630-800 Mm
Welding Material	HDPE, PP, PB, PVDF	HDPE, PP, PB, PVDF	HDPE, PP, PB, PVDF	HDPE, PP, PB, PVDF
Power Supply	380V/415V 50Hz/60Hz	380V/415V 50Hz/60Hz	380V/415V 50Hz/60Hz	380V/415V 50Hz/60Hz
Max total power absorbed	8.7 KW	10.3 KW	12.35 KW	16.9 KW
Working Temperature	170-250°C(±7°C)MAX 270°C	170-250°C(±7°C)MAX 270°C	170-250°C(±7°C)MAX 270°C	170-250°C(±7°C)MAX 270°C
Total weight	388 kgs	400 kgs	617 kgs	1440 kgs



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Hydraulic Buttfusion Welding Machines 160-355mm

Hydraulic Buttfusion Welding Machines 160-355mm

Hydraulic Butt Fusion Welding Machines: Precision Engineering for Every Pipeline Scale

Unlock seamless, high-strength welds for pipelines of all sizes with our four versatile **Hydraulic Butt Fusion Welding Machines**—each meticulously designed to meet the demands of projects ranging from compact residential lines to heavy-duty industrial systems. Whether you're joining small-diameter fittings or large-scale pipes, our machines deliver unmatched precision, efficiency, and reliability.

1. Machine-160 : Compact Power for Small-Diameter Projects

Ideal for tight spaces and smaller pipelines, this machine handles a **working range of 63–160 mm**. With a **2.45 kW motor** and **106 kg lightweight design**, it's perfect for plumbing, irrigation, and low-pressure systems.

2. Machine-250 : Mid-Range Excellence

Scale up with confidence using the **110–250 mm model**, featuring a **3.95 kW motor** and a sturdy **136.5 kg build**. Tackle municipal water lines, gas distribution, and medium-duty industrial applications with ease.

3. Machine-315 : Heavy-Duty Performance

For larger pipelines, the **160–315 mm machine** delivers robust power with its **4.95 kW motor** and **209 kg frame**. Built for wastewater systems, chemical pipelines, and high-pressure utilities, it balances strength and precision.

4. Machine-355 : Ultra-Wide Range for Demanding Jobs

Our largest model dominates with a **200–355 mm working range**, **4.95 kW motor**, and **222 kg rugged construction**. Conquer industrial-scale projects like oil and gas pipelines, mining infrastructure, and large-diameter utility networks.

Shared Features for Un-compromised Quality

All four machines weld **HDPE, PP, PB, and PVDF** materials, ensuring compatibility with diverse applications. Powered by a **220V/240V single-phase supply (50/60Hz)**, they offer plug-and-play convenience without sacrificing performance. Advanced temperature control maintains a **170–250°C range (±7°C)**—with a max of **270°C**—for flawless, code-compliant joints. Optional accessories like a **stub end holder**, **data logger**, and **special inserts** further enhance precision and workflow efficiency.

Why Choose Our Range?

- **Scalable Solutions** : From 63 mm to 355 mm—find the perfect fit for your project.
- **Consistent Reliability** : Single-phase power, rugged builds, and thermal accuracy across all models.
- **Adaptability** : Optional tools for alignment, data tracking, and specialized welding needs.

Elevate Your Welding Game

No matter the scale, our Hydraulic Butt Fusion Welding Machines combine innovation, durability, and ease of use to ensure leak-proof joints that stand the test of time.

Ready to Transform Your Pipeline Projects?

Contact us today to explore our full range, request a quote, or schedule a demo. With four sizes engineered for excellence, your perfect welding solution is just a click away.



Model	160	250	315	355
Working Range	63-160 mm	110-250 mm	160-315 mm	200~355 mm
Welding Material	HDPE, PP, PB, PVDF	HDPE, PP, PB, PVDF	HDPE, PP, PB, PVDF	HDPE, PP, PB, PVDF
Power Supply	220V 240V Single Phase-50/60Hz	220V 240V Single Phase-50/60Hz	220V 240V Single Phase-50/60Hz	220V 240V Single Phase-50/60Hz
Max total power absorbed	2.45 KW	3.95 KW	4.95 KW	4.95 KW
Working Temperature	170-250°C(±7°C)MA X 270°C	170-250°C(±7°C)MA X 270°C	170-250°C(±7°C)MA X 270°C	170-250°C(±7°C)MA X 270°C
Total weight	106 kgs	136.5 kgs	209 kgs	222 kgs



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Hydraulic Buttfusion Welding Machines 1200-1600mm

Hydraulic Buttfusion Welding Machines 1200-1600mm

Hydraulic Butt Fusion Welding Machines: Power and Precision for Every Pipeline Project

Expand your capabilities with our dual-range Hydraulic Butt Fusion Welding Machines, engineered to tackle large-scale pipeline projects with unmatched efficiency. Whether you're working on mid-sized or heavy-duty applications, our machines deliver seamless, high-integrity welds for pipelines ranging from 800–1200 mm and 1200–1600 mm, ensuring you're equipped for every challenge.

Built for Versatility

Both machines are designed to weld HDPE, PP, PB, and PVDF materials, making them ideal for water mains, gas distribution, industrial pipelines, and beyond. Powered by a robust 380V/415V 50Hz/60Hz supply and a 59 kW motor, they provide relentless power for consistent performance, even on the most demanding job sites.

Precision Meets Durability

With a working temperature range of 170–250°C (±7°C) and a max threshold of 270°C, these machines ensure precise thermal control for flawless, code-compliant welds. Their rugged 5200 kg steel frames guarantee stability and longevity, while optional accessories like a stub end holder, data logger, and special inserts streamline workflows and enhance quality assurance.

Why Choose Our Dual-Range Solution?

- **800–1200 mm Model**: Perfect for mid-to-large-diameter pipelines in urban infrastructure and utility projects.
- **1200–1600 mm Model**: Engineered for heavy-duty industrial and municipal applications requiring maximum strength and scalability.

Elevate Your Pipeline Projects

From oil and gas to wastewater systems, these machines combine brute power, advanced temperature control, and rugged reliability to deliver leak-proof joints that stand the test of time.

Ready to Revolutionize Your Welding Process?

Contact us today to discuss your needs, request a quote, or schedule a hands-on demo. With our dual-range Hydraulic Butt Fusion Welding Machines, no project is too complex.

Shared Specifications:

- **Welding Materials**: HDPE, PP, PB, PVDF
- **Power Supply**: 380V/415V, 50Hz/60Hz
- **Max Power**: 59 kW
- **Temperature Range**: 170–250°C (±7°C), Max 270°C
- **Weight**: 5200 kg
- **Optional Accessories**: Stub end holder, Data logger, Special inserts

Two sizes, one mission: flawless welds for a stronger tomorrow.

Model	1200	1600
Working Range	800-1200 mm	1200-1600 mm
Welding Material	HDPE, PP, PB, PVDF	HDPE, PP, PB, PVDF
Power Supply	380V/415V 50Hz/60Hz	380V/415V 50Hz/60Hz
Max total power absorbed	36.5 KW	59 KW
Working Temperature	170-250°C(±7°C)MAX 270°C	170-250°C(±7°C)MAX 270°C
Total weight	3204 Kgs	5200 kgs



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Hydraulic Buttfusion Welding Machines 1000mm

Hydraulic Buttfusion Welding Machines 1000mm

Hydraulic Butt Fusion Welding Machine: Precision Engineering for Seamless Connections

Engineered for excellence, the Hydraulic Butt Fusion Welding Machine is the ultimate solution for high-strength, leak-proof joints in large-diameter pipelines. Designed to handle a **working range of 800–1000 mm**, this robust machine delivers unmatched versatility, seamlessly welding materials like HDPE, PP, PB, and PVDF —ideal for demanding applications in construction, utilities, and infrastructure.

Powered by a **380V/415V 50Hz/60Hz supply** and equipped with a **26.2 kW motor**, it ensures consistent performance even under heavy loads. The advanced temperature control system maintains a **working range of 170–250°C (±7°C)**, with a max threshold of 270°C, guaranteeing precise, repeatable welds that meet stringent industry standards.

Built to last, its **1900 kg heavy-duty frame** ensures stability and durability on any job site. Enhance productivity with **optional accessories** like a stub end holder for alignment, a data logger for real-time quality tracking, and custom inserts for specialized projects.

Whether you're installing water mains, gas pipelines, or industrial systems, this machine combines power, precision, and adaptability to deliver flawless welds—every time.

Upgrade your pipeline projects with the Hydraulic Butt Fusion Welding Machine—where reliability meets innovation. Contact us today to request a quote or schedule a demo!

Specifications :

- **Working Range** : 800–1000 mm
- **Materials** : HDPE, PP, PB, PVDF
- **Power Supply** : 380V/415V, 50Hz/60Hz
- **Max Power** : 26.2 kW
- **Temperature Range** : 170–250°C (±7°C), Max 270°C
- **Weight** : 1900 kg
- **Optional Accessories** : Stub end holder, Data logger, Special inserts

Invest in quality. Weld with confidence.



Model	1000
Working Range	800-1000 mm
Welding Material	HDPE, PP, PB, PVDF
Power Supply	380V/415V 50Hz/60Hz
Max total power absorbed	26.2 KW
Working Temperature	170-250°C(±7°C)MAX 270°C
Total weight	1900 kgs



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ELECTROFUSION MACHINE

ELECTROFUSION MACHINE

- Fusion by bar code reading/by manual introduction of bar code/by manual introduction of tension and fusion time
- The smart scanning gun can be used to identify the bar codes of most pipe factories at home and abroad
- Inbuild memory with 4000 welding cycles, Data can be download to laptop by usb or print on worksite
- Automatic temperature compensation according to environment temperature
- Universal connector 4-4.7mm, whether the connector is good or not is directly related to the quality of welding, must replace in time
- Intelligent design, when the machine fails, it will show the error (Like supply voltage, output current, ambient temperature), under voltage or over-voltage may cause under-melt or over-melt

Standard composition:

- machine body
- scanner
- manual scraper
- transport case
- 4.7*4.0 connectors
- USB

On request:

- printer

Model	ZDRJ200	ZDRJ315	ZDRJ400	ZDRJ630	ZDRJ800
Working range	20-200mm	20-315mm	20-400mm	20-630mm	20-800mm
Material	PE/PP/PPR	PE/PP/PPR	PE/PP/PPR	PE/PP/PPR	PE/PP/PPR
Dimensions	358*285*302	358*285*302	358*285*302	368*290*310	370*300*320
Machine weights	20kg	21kg	23kg	25kg	28kg
Rated power	220VAC 50/60Hz	220VAC 50/60Hz	220VAC 50/60Hz	220VAC 50/60Hz	220VAC 50/60Hz
Working temperature	-10°C – 40°C	-10°C – 40°C	-10°C – 40°C	-10°C – 40°C	-10°C – 40°C
Output voltage	8-44V	8-44V	8-44V	8-48V	8-48V
Max. Output current	80A	80A	80A	100A	120A
Protection degree	IP54	IP54	IP54	IP54	IP54
Connectors	4.7/4.0	4.7/4.0	4.7/4.0	4.7/4.0	4.7/4.0
Memory	4000	4000	4000	4000	4000



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PLASTIC EXTRUSION GUNS

PLASTIC EXTRUSION GUNS

Plastic Extrusion Welding Gun With Digital Display Controller

- CRT600A/610A/600F

1. Power (kW): 3.7
2. Welding speed: 2.5kg/h
3. Motor power: 1100W
4. Hot air gun power: 1600W
5. Welding rod diameter: 3.0-4.0mm
6. Heating system: Double heating system
7. Application: HDPE, LDPE, PP
8. Name: Plastic Extrusion Welding Gun Digital Display Controller Extrusion Welder

The digital display controller has a 360° rotating welding head. It can work deep into a small space, and the motor cold start protection mechanism is applicable. For welding PE, PP, PVDF and other hot melt materials.

This product is with two major components, preheating raw material's hot air part and welding rod's extrusion part.

Hot air part with adjustable temperature controller to heat automatically, and extrusion part with independent thermostatic heating control system to send hot air independently. It is easy to adjust extrusion speed and use screw extruding for powerful extrusion pressure. Using 220v power supply uniformly to weld plastic sheets, tube and other thermoplastic products, especially for both ends of large diameter hollow wall pipe, producing pipe and repairing pipe and so on.

Model	CRT600A	CRT610A	CRT600F
Frequency	220V	220V	220V
Extruding Motor Power	800W	1300W	1000W
Hot Air Power	1600W	1600W	3400W
Welding Rod Heating Power	800W	800W	/
Air Temperature	20 – 620 C	20 – 620 C	20 – 620 C
Extruding Temperature	50 – 380 C	50 – 380 C	/
Extruding Volume	2 – 2.5 kg/h	2 – 3 kg/h	2.5 – 3 kg/h
Welding Rod Diameter	3 – 4mm	3 – 4mm	3 – 4mm
Net Weight	6.9 kg	7.2 kg	7.5 kg
Driving Motor	HIKOKI	METABO	FEIJI
Model	CRT600A	CRT610A	CRT600F



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Plastic Hand Extrusion Welding Gun For Plastic Pipe

• EX2/EX3

1. Hot Air Power: 3400W
2. Welding Rod Heating Power: 800W
3. Extruding Power: 1300W
4. Air Temp: 20-600 °c Adjustable
5. Extruding Temp: 200-300 °c Adjustable
6. Welding Speed: 2.0-2.5Kg/h
7. Welding Rod DIA: 3.0mm-4.0mm
8. Material: PP HDPE LDPE

Imported hot air welding torch and imported driven system, high temperature, big torque, long service life, stable performance.

Light weight, easy to handle and available to operation at different angles.

Big extrusion volume can be welded more than 10mm welding seam.

Different welding shoes can be applied to different types of welding.

It is used in the tank and pipe and is comply with Part 4 of the DVS standard (Germany Welding Association).

Model	EX2	EX3
Voltage	230V, 50/60Hz	230V, 50/60Hz
Power	3000w	3000w
Welding Rod	PE/PP 3-4mm	PE/PP 3-4mm
Extrusion Volume	1.5 – 2.2 kg/h	2.4 – 3.4 kg/h
Product Size	500*430*140mm	630*430*140mm
Net Weight	6.4 kg	6.9 kg
Certification	CE	CE
Protection Class	II	II



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ALIGNERS

ALIGNERS

ALIGNER 63

ALIGNERThe professional tool is essential to hold pipes still and aligned during electrofusion. the aligner 63 is made almost entirely in a special Aluminum alloy and features a central joint for the fixed positions at 45 degree and 90 degree , for self -centering clamps that require no adapters. The possibility to remove one part of the axis that carries the clamps and one clamp itself , allows the use of tapping tees during the fusion.

ALIGNER 160 LIGHT

This professional tool is essential to hold pipes still and aligned during electrofusion (from 63-160mm). the aligner160 LIGHT is made almost entirely in a special Aluminum alloy and features a central joint for the fixed positions at 45 degree and 90 degree , four self -centering clamps that require no adapters, and on request an additional axle complete with two clamps for welding the tees. It special quick release clamps grants a rapid extraction of the pipe once it has been welded.

ALIGNER 63-200

This professional tool is an essential to hold pipes still and aligned during electrofusion (from 63-200mm).

The aligner63-200 is entirely made of steel, featuring a central adjustable joint and pipe fastening clamps fixed on an ax. The adjustable joint can be set on 4 different working positions to allow welding at preset angles such as 30°, 60° 90°, in line and T welding.

Axes have V-shaped clamps positioned on them, which are equipped with pipe fastening belts. The system, along with fixing the pipe to the clamp, serves also as a centering device. Each axis has 2 guides on which the clamps are able to slide.

Practical side handles ensure an easy grip during movement and positioning , both during welding procedures, and preparation.

Model	Working Range	Dimensions(mm)	Weight
Aligner 63	20-63mm	440x190x140mm	3.9kg
Aligner 90	20-90mm	440*190*150	4.5kg
Aligner 110	32-110mm	540*260*180	8kg
Aligner 160	63-200mm	830*300*260	13.5kg
Aligner 315	125-400mm	830*300*260	22kg



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BEVELERS

BEVELERS

Precision Beveling for Flawless Pipe Joints: Introducing the SME1 and SME2-PLUS

Prepare plastic pipes with unmatched precision using our **Professional Beveling Tools**, designed to deliver smooth, angled edges for seamless welding and leak-proof joints. Whether you're working on plumbing systems, industrial pipelines, or utility installations, the **SME1** and **SME2-PLUS** models offer the perfect balance of power, portability, and adaptability for pipes up to 315mm.

SME1: Compact Efficiency for Smaller Pipes

Ideal for tight spaces and mid-sized projects, the **SME1** handles pipes from 25–160mm with ease. Its lightweight **0.80kg** design ensures effortless maneuverability, while the **max 10mm** material thickness capability makes it perfect for residential plumbing, irrigation systems, and light industrial applications. Compact dimensions (76 x 107 x 240mm) mean it fits seamlessly into any toolkit.

SME2-PLUS: Heavy-Duty Performance for Large-Diameter Pipes

When tackling bigger challenges, the **SME2-PLUS** steps up with a 40–315mm working range and the ability to bevel materials up to 35mm thick. Built for demanding environments like municipal waterworks, chemical pipelines, and construction sites, its robust **1.40kg** frame and extended dimensions (195 x 140 x 330mm) provide stability and precision for critical, large-scale projects.

Why Professionals Choose Our Beveling Tools?

- **Precision Engineering** : Achieve consistent, angled edges that ensure flawless welds and reduce rework.
- **Lightweight & Portable** : Carry and operate with ease, even in confined spaces.
- **Durability** : Constructed to withstand rugged job sites while maintaining accuracy.
- **Versatility** : Compatible with a wide range of plastic pipes, including HDPE, PP, and PVC.

Applications :

- Preparing pipes for butt fusion welding
- Smoothing edges to prevent leaks in water/gas systems
- Custom fabrication for industrial and municipal projects

Elevate Your Pipe Preparation Process

Say goodbye to uneven cuts and subpar joints. The **SME1** and **SME2-PLUS** combine ergonomic design with professional-grade performance, ensuring every project meets the highest standards.

Ready to Boost Efficiency and Quality?

Contact us today to request a demo, compare models, or place your order. With the **SME1** and **SME2-PLUS**, you're equipped to tackle any beveling challenge with confidence.

Technical Specifications :

- **SME1** : 25–160mm | 76x107x240mm | Max 10mm thickness | 0.80kg
- **SME2-PLUS** : 40–315mm | 195x140x330mm | Max 35mm thickness | 1.40kg

Precision in every angle—engineered for professionals who demand perfection.

Model	Materials			Thickness
SME 1	HDPE, PP, PB, PVDF, PVC			Max 10mm
SME 2 Plus	HDPE, PP, PB, PVDF, PVC			Max 35mm
Model	Working Range	Dimension (mm)	Material Thickness	Weight
SME 1	25~160mm	76*107*240	Max 10mm	0.80kg
SME 2 Plus	40~315mm	195*140*330	Max 35mm	1.40kg



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CHAMFERING

CHAMFERING

Precision Chamfering Tool for Plastic Pipes: Effortless Fusions, Flawless Results

Prepare plastic pipes with unmatched accuracy using our **Professional Chamfering Tool**, designed specifically for PE, PB, PP, PVC, and PVDF pipes ranging from 20mm to 125mm. This essential tool streamlines socket fusion and electrofusion processes, ensuring seamless, leak-proof joints while saving time and effort on every job.

Key Features & Benefits :

- 1. Precision Beveling for Perfect Fusions**
Create a clean, angled chamfer on the outer edge of pipe ends to eliminate sharp edges. This critical step ensures smooth insertion of heaters and socket fittings during fusion, reducing resistance and preventing material distortion for flawless welds.
- 2. Effortless Fitting Alignment**
The chamfered edge allows heaters, electrofusion sockets, and fittings to slide onto the pipe effortlessly, even in tight spaces. This minimizes installation errors, accelerates workflow, and guarantees secure, code-compliant joints for water, gas, and chemical systems.

Why Choose Our Chamfering Tool?

- **Universal Compatibility** : Works seamlessly with PE, PB, PP, PVC, and PVDF pipes.
- **Compact & Ergonomic** : Lightweight design ensures easy handling, even in confined areas.
- **Time-Saving** : Reduces prep time and rework with consistent, professional-grade chamfers.
- **Durable Construction** : Built to withstand rugged job sites while maintaining precision.

Ideal For :

- Plumbing and HVAC installations
- Municipal water and gas pipelines
- Industrial chemical and wastewater systems
- Electrofusion and socket fusion projects

Elevate Your Installation Process

Say goodbye to uneven edges and frustrating fitting alignment. Our chamfering tool ensures every pipe end is prepped to perfection, empowering you to deliver durable, high-performance results.

Ready to Revolutionize Your Workflow?

Contact us today to request a demo or place your order. With the **Precision Chamfering Tool**, you'll achieve flawless fusions faster—and set a new standard for quality.

Technical Specifications :

- **Pipe Materials** : PE, PB, PP, PVC, PVDF
- **Size Range** : 20–125mm
- **Function** : Outer-edge chamfering for socket/electrofusion

Precision meets efficiency—engineered for professionals who refuse to compromise.



Model	Chamfering 20	Chamfering 25	Chamfering 32	Chamfering 40	Chamfering 50	Chamfering 63	Chamfering 75	Chamfering 90	Chamfering 110	Chamfering 125
Working Range	20mm	25mm	32mm	40mm	50mm	63mm	75mm	90mm	110mm	125mm



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EXTERNAL DEBEADER

EXTERNAL DEBEADER

External Debeader: Precision Bead Removal for Flawless Welds

Say goodbye to post-weld imperfections with our **External Debeader**, the ultimate tool for removing external beads from butt fusion welded joints with speed and precision. Designed for professionals in plumbing, construction, and industrial applications, the **PLANE400** and **PLANE800** models deliver unmatched efficiency, ensuring seamless, smooth pipe surfaces ready for inspection or coating.

How It Works :

- 1. Effortless Setup :** Knock the tool onto the pipe bead, and let the alignment blocks slide against the pipe surface to self-center the debeader.
- 2. Clean Cut :** A sharp blade slices cleanly *under* the bead as you guide the tool around the pipe using the ergonomic handle.
- 3. Versatile Use :** Remove beads from **flat plastic sheets** too—simply detach the pipe guides for flawless results on sheet materials.

Model PLANE400 :

- **Working Range :** 100–400 mm pipes
- **Dimensions :** 365 x 102 x 105 mm
- **Weight :** 3 kg
Perfect for mid-sized pipelines, offering lightweight maneuverability without sacrificing power.

Model PLANE800 :

- **Working Range :** 450–1000 mm pipes
- **Dimensions :** 410 x 123 x 140 mm
- **Weight :** 5.5 kg
Engineered for heavy-duty industrial pipes, combining robust construction with smooth operation for large-diameter joints.

Why Choose Our External Debeader?

- **Universal Compatibility :** Works on pipes and flat surfaces—ideal for HDPE, PP, and other thermoplastic materials.
- **Time-Saving Design :** Reduces post-weld cleanup time by 50% compared to manual scraping.
- **Durable & Ergonomic :** Lightweight yet rugged, with a comfortable handle for fatigue-free operation.

Applications :

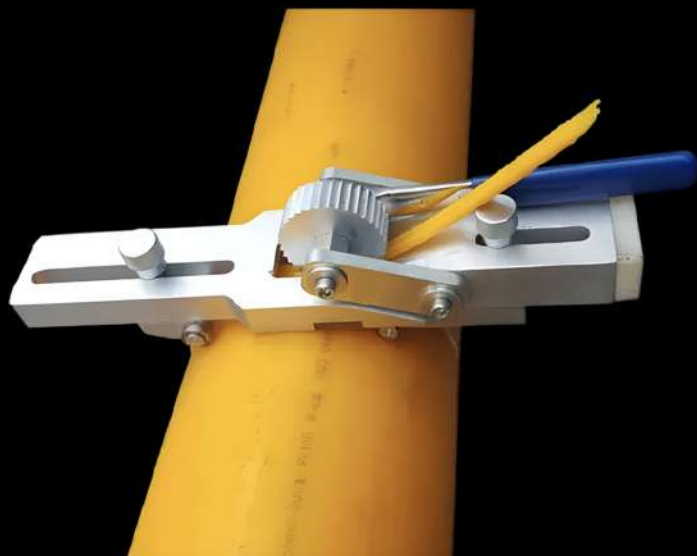
- Butt fusion weld finishing for water/gas pipelines
- Industrial ductwork and chemical system maintenance
- Plastic sheet fabrication and repair

Elevate Your Weld Quality

Whether you're prepping pipes for coating or ensuring a professional finish, the External Debeader guarantees clean, bead-free surfaces that meet the strictest industry standards.

Ready to Revolutionize Your Workflow?

Contact us today to request a demo, compare models, or place your order. With the **PLANE400** and **PLANE800**, perfection is just a cut away.



Model	Working Range	Dimension	Weight
PLANE400	100-400mm	365*102*105	3kg
PLANE800	450-1000	410*123*140	5.5kg



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HEATING PLATES

HEATING PLATES

Achieve seamless and durable plastic pipe connections with our **Heating Plates for Plastic Pipe and Fitting Butt Welding**. Designed for precision, efficiency, and ease of use, these heating plates are an essential tool for professionals working in plumbing, construction, and industrial applications.

Key Features:

- **Versatile Models:** Choose from a range of models including TP75, TP125, TP125/45°, TP160, TP200, TP300, and TP315 to suit your specific project needs.
- **Durable Construction:** Each heating plate is crafted with a high-quality aluminum core, ensuring even heat distribution and long-lasting performance. The surface is coated with Teflon (PTFE), which prevents material sticking and ensures smooth operation.
- **Ergonomic Design:** Equipped with a heat-insulated plastic handle, these tools provide maximum comfort and safety during use, minimizing the risk of burns or discomfort.
- **Temperature Control Options:** Available in two versions:
 - **Fixed Mechanical Thermostat (TF):** Ideal for consistent temperature settings.
 - **Adjustable Electronic Thermo regulator (TE):** Offers precise control over temperature, allowing you to customize settings based on the type of plastic being welded.
- **Customizable Shapes & Ranges:** Our heating plates come in various shapes and sizes to accommodate different pipe diameters and operator preferences, ensuring optimal results every time.

Why Choose Our Heating Plates?

Whether you're working on small-scale repairs or large industrial projects, our heating plates deliver reliable performance that meets the highest standards. The combination of advanced materials, user-friendly features, and customizable options makes this tool indispensable for anyone involved in plastic pipe welding.

Perfect for creating strong, leak-proof joints, these heating plates ensure professional-grade results while saving time and effort. Upgrade your toolkit today and experience unparalleled efficiency in plastic pipe butt welding!

Technical Specifications:

- **Material:** Aluminum with PTFE Coating
- **Handle:** Heat-Insulated Plastic
- **Temperature Control:** Fixed Thermostat (TF) or Adjustable Thermoregulator (TE)
- **Compatibility:** Suitable for multiple pipe diameters and angles

Order Now and take the first step toward flawless plastic pipe welding!

Model	TP75	TP 125	TP 125/45°	TP160	TP 200	TP 300	TP315
Power supply	230 V – Single phase – 50/60 Hz						
Working temperature	TE:180°C-280°C;TF 210°C						
Ambient temperature	-5° – 40°C						
Time to reach welding temperature	TE:~ 10 min						
Materials	TE:HDPE,PP,PVC,;TF:HDPE						
Pipe Max O.D.	75mm	125mm	110mm	160mm	180mm	280mm	315mm
Absorbed Power	600W	700W	500W	800W	1200W	1300W	2100W
Dimension		140*50*410mm	140*130*370mm		200*50*440mm	300*50*550mm	
Weight	2.5kg	3.12 kg	3.12kg	3.35kg	3.68 kg	4.83kg	6.6kg



PRIME
PLASTIC INDUSTRIES LLC



INTERNAL DEBEADER

INTERNAL DEBEADER

Internal Debeader: Precision Bead Removal for Seamless Pipe Welds

Introducing the **Internal Debeader**, a revolutionary tool designed to eliminate internal weld beads from pipes with unmatched precision and efficiency. Perfect for professionals in plumbing, construction, and industrial maintenance, this system ensures smooth, code-compliant pipe interiors—critical for optimal flow and system integrity.

Engineered for Excellence :

- **6 High-Strength Alloy Rods** : Includes five 15-meter rods (with one doubling as an ergonomic turn handle) for effortless navigation through pipes.
- **5 Center Rings** : Ensure perfect alignment and stability, keeping rods centered for consistent, debris-free cuts.
- **Durable Carrying Bag** : All components are securely stored in a reinforced, portable bag with a handle—Ideal for on-site convenience.

Key Structural Features :

- **Expandable Internal Support** : Adapts to pipe diameters with a robust expansion mechanism, providing reliable internal stabilization.
- **Multi-Link Drive System** : Customize configurations up to **12 meters** for long pipelines, ensuring seamless operation in tight or complex layouts.
- **Versatile Specifications** : Choose from multiple models tailored to pipe diameters, with a working range of **90–560mm** and compatibility with **SDR 17–26** pipes.

Why This Tool Stands Out :

- **Time-Saving Efficiency** : Removes internal beads in minutes, reducing downtime and labor costs.
- **Adaptable Design** : Works across residential, commercial, and industrial applications—from water mains to gas pipelines.
- **Built to Last** : Corrosion-resistant alloy rods and rugged construction ensure longevity, even in harsh environments.

Applications :

- Municipal water and gas systems
- Industrial chemical and wastewater pipelines
- HVAC and underground utility networks

Elevate Your Pipeline Projects

The Internal Debeader combines innovation, durability, and precision to deliver flawless internal surfaces—critical for pressure integrity and system efficiency.

Ready to Transform Your Workflow?

Contact us today to explore customization options, request a quote, or schedule a demo. With the Internal Debeader, perfection is no longer optional—it's guaranteed.

Technical Specifications :

- **Working Range** : 90–560mm (pipe diameter)
- **SDR Compatibility** : 17–26
- **Rods** : 6 alloy rods (15m each, 1 as handle)
- **Center Rings** : 5 included
- **Max Custom Length** : 12 meters

Precision bead removal—engineered for pipes that perform.

Model	RID 110	RID 140	RID 160	RID 200	RID 250	RID 315	RID 400	RID 500
Working Range	90-110mm	125-140mm	160-180mm	200-225mm	250-280mm	315-355mm	400-450mm	500-560mm
SDR	17-26	11-26	11-26	11-26	11-26	11-26	11-26	11-26



PRIME
PLASTIC INDUSTRIES LLC



PIPE CUTTERS

T3 T4 Large Size Plastic Pipe Cutter

1. These are professional tools, essential for the manual cut of plastic pipes up to dn 315mm.
2. Rotary cutting, convenient and fast
3. Pipe end surface is neat and clean, suitable for preparation before welding
4. Widely used in semiconductor, chemical, gas, water supply and drainage industries
5. Fitted with blade specification according to the thickness of the material
6. Blade use high quality materials ,and made of special process with long life
7. Pipe cutter T4 can equipped straight blades, suitable for cutting pipe over 19.4mm

T1 T3 TU140 Tube Pipe Cutter

1. These are professional tools, essential for the manual cut of plastic pipes up to dn 315mm.
2. Model: T1(6-64mm), Tu75(6-76mm), TU140(50-140mm), T3 (100-160mm),T4(180-315mm)
3. The pipe cutters are made with the very best alloys, and are very manageable and practical to use.
4. The pipe cutters can be fitted with various special blades with appropriate cutting heights and penetration capacities to cut pipes of different materials.

Model	Working Range	Overall dimensions	Weight
TC 108	6-50mm	178*228*65mm	0.38kg
T 1	6-64mm	222*282*95mm	0.60kg
TU 75	6-76mm	247*330*105mm	0.68kg
TU 140	50-140mm	351*483*155mm	1.38kg
T 3	100-160mm	372*465*200mm	1.65kg
T 4	180-315mm	670*880*360mm	7.00kg





ROLLERS

ROLLERS

Essential Support For Seamless Butt Fusion Welding

Ensure precision and efficiency during pipe welding with our **ROLLERS**, a must-have accessory for supporting pipes while using butt fusion machines. Designed to minimize friction and drag force, these rollers provide smooth, consistent movement of the pipe, regardless of challenging site conditions. Whether you're working on small-scale projects or large industrial installations, our rollers are engineered to deliver reliable performance and ease of use.

Why Choose Our Rollers?

- **Smooth Operation:** The rollers reduce pipe friction and drag, allowing for effortless alignment and movement during welding.
- **Lightweight & Portable:** Each model is designed to be lightweight, making transportation and setup hassle-free, even in remote or hard-to-reach locations.
- **Versatile Working Range:** Available in three models to accommodate a wide range of pipe sizes:
 - **ROLLER 315:** Supports pipes up to 315mm in diameter. Compact, easy to use, and perfect for smaller projects.
 - **ROLLER 560:** Supports pipes up to 560mm in diameter. Offers excellent stability and ease of handling for medium-sized applications.
 - **ROLLER 1000:** Supports pipes from 315mm to 1000mm in diameter. Its modular design allows for quick disassembly and reassembly, enabling storage of up to eight rollers on a single pallet for improved logistics and transport efficiency.
- **Advanced Features:**
 - **Misaligned Rollers:** Strategically designed to allow easy movement of pipes, even in the presence of weld beads, ensuring uninterrupted workflow.
 - **Modular Design (ROLLER 1000):** Quick assembly and disassembly make it ideal for storage and transport, saving space and reducing costs.

Key Benefits:

- **Durability:** Built to withstand demanding job site environments while maintaining optimal performance.
- **Ease of Use:** Lightweight construction and simple operation ensure that even novice users can handle the rollers with confidence.
- **Improved Logistics:** The ability to store multiple ROLLER 1000 units on a single pallet streamlines transportation and reduces logistical challenges.
- **Enhanced Productivity:** By minimizing friction and drag, these rollers help speed up the welding process, saving time and labor costs.

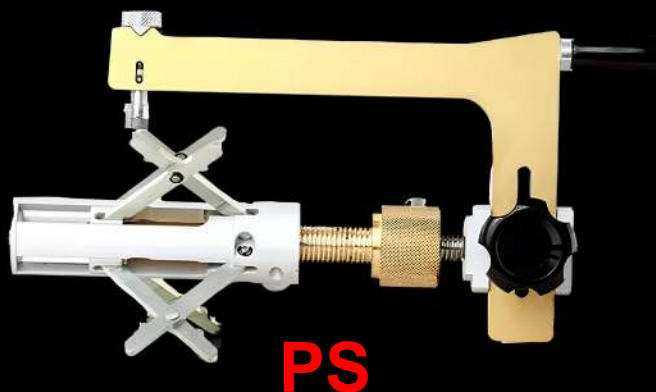
Applications:

Our rollers are perfect for a variety of industries, including:

- Plumbing and pipeline construction
- Industrial piping systems
- Water and wastewater management
- Gas distribution networks

Model	Working Range	Dimension(mm)	Weight(kg)
Light Weight Unit	Max 315mm	400*290*240	6.00
560 Unit	Max 560mm	900*690*450	65.00
1600 Unit	Max 1600mm	920*730 520	76.00





Scrapers PS, RTC, TURBO

Scrapers PS, RTC, TURBO

PS Scrapers

- Professional rotary scrapers.
- Adjustable chuck covering the whole working range.

RTC Scrapers

- Professional rotary scrapers
- Provide with device to keep constant the thickness of the continuous chip.

TURBO Scrapers

- Patented pipe scraper
- Very simple and easy to use
- Small dimension for narrowest welding

Technical Features	Model	
	PS 180	PS 400
External Working Range	75~200mm	137~426mm
Internal Working Range	61~172mm	130~391mm
Max Scraping Length	129mm	150mm
Max Dimensions	595*272*190mm	790*400*400mm
Transport Case	453x185x63mm	550x350x90mm
Standard Composition	2.8 Kg	5.5 Kg



PRIME
PLASTIC INDUSTRIES LLC



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TURBO Scrapers

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- Very simple and easy to use
- Small dimension for narrowest welding

Technical Features	Model		
	RTC 160	RTC 315	RTC 710
External Working Range	50~60mm	75~315mm	355~710mm
Internal Working Range	38~154mm	58~300mm	290~675mm
Scraping Length	114mm	137mm	530mm
Max Dimensions	380*120*250mm	510*310*410mm	825*805*695mm
Transport Case	390*210*135mm	230*500*270mm	800*580*350mm
Pipe Scraper	2.5	4.5	16
Standard Composition	5.65	7.5	39



PRIME
PLASTIC INDUSTRIES LLC



TURBO

Scrapers PS, RTC, TURBO

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TURBO Scrapers

- Patented pipe scraper
- Very simple and easy to use
- Small dimension for narrowest welding

Model	Working Range	SDR	Length	Weight
TURBO 20	20mm	6-11	45mm	0.37kg
TURBO 25	25mm	6-11	45mm	0.47kg
TURBO 32	32mm	6-11	45mm	0.64kg
TURBO 40	40mm	6-11	55mm	0.82kg
TURBO 50	50mm	6-11	55mm	1.02kg
TURBO 63	63mm	6-11	55mm	1.29kg



PRIME
PLASTIC INDUSTRIES LLC



SHEARS

SHEARS

Precision Cutting for Plastic Pipes

Achieve clean, accurate cuts with our **SHEARS**, a professional-grade tool designed for the manual cutting of plastic pipes. Whether you're working on plumbing installations, industrial piping systems, or maintenance projects, these shears are an essential addition to your toolkit. Engineered for durability and precision, they deliver flawless results every time.

Why Choose Our SHEARS?

- **Versatile Cutting Capability:**
 - Ideal for cutting a wide range of plastic pipes, including **PP (Polypropylene)** and **PP-R (Polypropylene Random Copolymer)** up to **PN 25** pressure rating.
 - Suitable for cutting **HDPE (High-Density Polyethylene)**, **PB (Polybutylene)**, and **PVDF (Polyvinylidene Fluoride)** pipes up to **75mm** in diameter.
- **Robust Construction:**
 - The **C2**, **C2AC**, and **C3 AC** models are crafted entirely from **high-quality steel**, ensuring exceptional strength, longevity, and resistance to wear and tear.
- **Precision Engineering:**
 - Designed for smooth, effortless cutting, these shears provide clean, burr-free edges,

- reducing the need for additional finishing work.
- **Ergonomic Design:**
 - Built with user comfort in mind, the handles are designed for a secure grip, minimizing hand fatigue during extended use.

Key Features:

- **Professional-Grade Performance:** Perfect for plumbers, contractors, and DIY enthusiasts who demand precision and reliability.
- **Compact and Portable:** Lightweight design makes these shears easy to carry and store, ensuring they're always ready when you need them.
- **Durable Steel Build:** The all-steel construction guarantees long-lasting performance, even in demanding environments.

Applications:

Our **SHEARS** are ideal for a variety of applications, including:

- Installation and maintenance of **plumbing systems**
- Fabrication of **industrial pipelines**
- Cutting pipes for **water supply networks**
- Working with **chemical-resistant piping materials** like **PVDF**

Available Models:

- **C2:** A reliable, all-steel shear for everyday cutting tasks.
- **C2AC:** Enhanced with advanced cutting capabilities for tougher materials.
- **C3AC:** Designed for heavy-duty use, offering superior strength and precision.

Technical Specifications:

- **Material:** Entirely made of **steel** for maximum durability.
- **Compatible Materials:** **PP**, **PP-R** (up to **PN 25**), **HDPE**, **PB**, and **PVDF**.
- **Maximum Pipe Diameter:** Up to **75mm**.

Experience Precision Like Never Before!

Whether you're cutting plastic pipes for residential or industrial projects, our **SHEARS** deliver unmatched accuracy, durability, and ease of use. Simplify your workflow and achieve professional-grade results with tools that are built to last.

Order Your SHEARS Today and take the first step toward effortless, precise pipe cutting!

Model	Working Range	Dimension	Weight
C2	Max 42mm	120*25*220mm	0.35kg
C2 AC	Max 43mm	120*25*225mm	0.51kg
C3 AC	Max 75mm	170*35*620mm	2.70kg



PRIME
PLASTIC INDUSTRIES LLC



SQUEEZER

The Ultimate Solution for Stopping Gas or Water Flow in HDPE Pipelines

When you need a reliable, efficient, and easy-to-use tool to stop gas or water flow in HDPE pipelines, our SQUEEZER is the perfect choice. Designed for both manual and hydraulic operation, the SQUEEZER ensures quick and effective pipeline control, making it an indispensable tool for any worksite. Whether you're working on small-scale repairs or large industrial projects, the SQUEEZER delivers precision and safety with minimal effort.

Why Choose The SQUEEZER?

- **Versatile Application:**
 - The SQUEEZER 63 (manual) is ideal for stopping flow in HDPE pipelines with diameters ranging from 16mm to 63mm (SDR11-SDR17).
 - The SQUEEZER 200, 250, and 315 (hydraulic) are designed for larger pipelines, offering powerful performance for industrial applications.
- **Effortless Operation:**
 - The manual SQUEEZER 63 is lightweight, portable, and easy to apply, making it perfect for quick interventions on-site.
 - The hydraulic models (200, 250, 315) provide enhanced power and precision for larger pipelines, reducing physical effort while maintaining efficiency.
- **Safe and Reliable Design:**
 - The squeezing action is achieved through a movable cylindrical bar and an opposite fixed bar. The fixed bar can be removed to allow easy pipe insertion.
 - Two special stop templates with four adjustable positions ensure safe and consistent squeezing across all working range diameters, preventing damage to the pipe during operation.

Key Features:

- **Compact and Portable:** Lightweight design makes it easy to transport and use in remote or hard-to-reach locations.
- **Precision Control:** Adjustable stop templates and a robust squeezing mechanism ensure accurate and safe operation.
- **Durable Construction:** Built to withstand demanding jobsite conditions, ensuring long-lasting performance.
- **Wide Compatibility:** Suitable for HDPE pipelines with diameters ranging from 16mm to 315mm, covering a broad spectrum of applications.

Applications:

The SQUEEZER is an essential tool for:

- Emergency repairs in gas and water pipelines.
- Maintenance and installation of HDPE piping systems.
- Shutting off flow during pipeline modifications or upgrades.
- Industrial and municipal infrastructure projects.

Available Models:

- **SQUEEZER 63 (Manual):** Perfect for smaller pipelines (16mm–63mm), offering ease of use and portability.
- **SQUEEZER 200, 250, 315 (Hydraulic):** Designed for larger pipelines, providing powerful and precise squeezing action for diameters up to 315mm.

Technical Specifications:

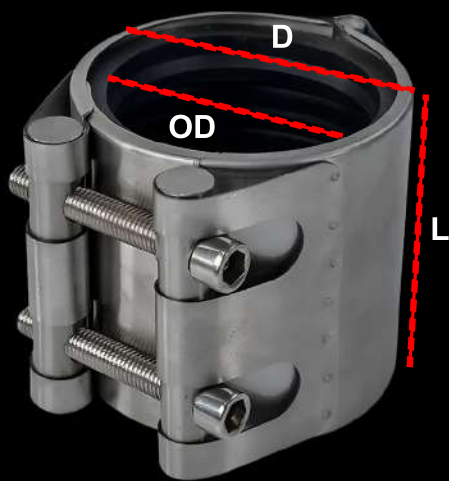
• SQUEEZER 63:

- Type: Manual
- Compatible Pipe Diameter: 16mm–63mm (SDR11-SDR17)
- Operation: Movable cylindrical bar with removable opposite bar for pipe insertion.

• SQUEEZER 200, 250, 315:

- Type: Hydraulic
- Compatible Pipe Diameter: Up to 200mm, 250mm, or 315mm (depending on model).
- Operation: Hydraulic-powered squeezing mechanism for enhanced efficiency.

Model	Squeezer 20-63	Squeezer 63-200	Squeezer 200-315
Working Range	20 - 63 mm	36 - 200 mm	200 - 315 mm
Operation	Manual	Hydraulic	Hydraulic



MF - Series

Multi-Function Pipe Repair And Connectors

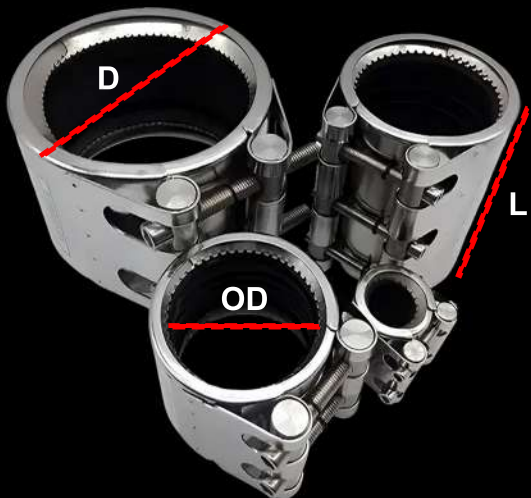
Multi-Function Pipe Repair And Connectors

- **Single-Section Multi-Function Pipe Coupling MF Series For Connect Pipes**
 1. Applied to connection of various kinds of metal pipes and composite materials of pipelines.
 2. Refer to: DIN86128-1, DIN86128-2
 3. PN7- PN16
 4. MF-S (Short Type Pipe Coupling)
 5. MF-L (Long Type Pipe Coupling)
- **Gear-Ring Type Multi-Function Pipe Coupling GR Series Applied To Kinds Of Metal Pipes**
 1. Gear-Ring Type Multi-Function pipe coupling GR.
 2. Gear-Ring short Type.
 3. Gear-Ring long Type.
 4. Applied to connection of various kinds of metal pipes and composite materials of pipelines.
- **Folding Type Pipe Repair Clamp RCH Series For Quick Repair Pipe Leak Can Be Customized**
 1. A ring shaped folding Series is widely used on quick repairing of pipe leaks
 2. Folding short Type (RCH-S)
 3. Folding Long Type (RCH-L)
 4. Size : OD42-377mm
- **Double-Section Pipe Repair Coupling RCD Series Used On New Pipe Lines And Repairing Pipe leaks**
 1. Double-section pipe repair coupling RCD
 2. Double-section short clamp
 3. Double-section long clamp.
 4. Double section pipe repair coupling RCD is mainly used to the connection of new pipelines.
- **Opening Type Pipe Repair Clamp RCE Series Stainless Steel Materials Large Range**
 1. Name: Opening Type Pipe Repair Clamp RCE
 2. RCE series is the most widely used one, highly optimized for general use.
 3. Safe, convenient and efficient in installation.
- **Stainless Steel Band Pipe Repair Clamp CR Series Used For Big Size Steel Or Plastic Pipe**
 1. Stainless Steel Band Repair Clamp CR
 2. Single band repair clamp
 3. Double band repair clamp
 4. CR series is good at repairing pin holes and breaks caused by aging or rusting.



PRIME
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MF Series						
OD	Range	pressure	L	D	M	Nm
18	17-19	PN16	57	35	6	10
21.7	21-23	PN16	57	45	6	10
25	24.5-25.5	PN16	57	50	6	10
27.2	26-28	PN16	57	50	6	10
32	31.5-32.5	PN16	57	55	6	10
34	33-35	PN16	57	55	6	10
40	39.5-41.5	PN16	57	55	6	10
42	42-44	PN16	57	65	6	16
44.5	44-45.1	PN16	57	65	6	16
48.6	47-49	PN16	57	70	6	16
54	53.6-54.6	PN16	57	70	8	30
57	56.3-57.7	PN16	57	80	8	30
60.3	59-62	PN16	57	85	8	30
63	62.2-63.9	PN16	80	85	8	30
76.1	75-78	PN16	80	100	8	30
79.9	78.8-80.8	PN16	80	100	10	30
88.9	88-92	PN16	107	110	10	50
108	106-110	PN16	107	130	10	50
110	108.9-111.2	PN16	107	130	10	50
114.3	112-116	PN16	107	125	10	50
118	116.6-119.2	PN16	107	140	10	50
125	123.6-126.5	PN16	107	150	10	50
133	131.5-134.4	PN16	107	160	10	80
140	137-143	PN16	116	165	12	80
159	157-161	PN16	116	185	12	80
165.2	163.2-166.7	PN16	116	190	12	80
168	166-170.2	PN16	116	195	12	80
170	168.2-171.9	PN16	116	195	12	80
200	198.2-201.5	PN16	155	240	14	100
219	217-221	PN16	155	250	14	100
250	250-254	PN16	155	285	14	100
273	271-275	PN16	155	305	14	100
315	313-317	PN16	155	340	14	100
325	323-327	PN16	155	355	14	100
355.6	354-358	PN16	155	385	14	100
377	375-379	PN16	155	410	14	100



GR-Series

Multi-Function Pipe Repair And Connectors

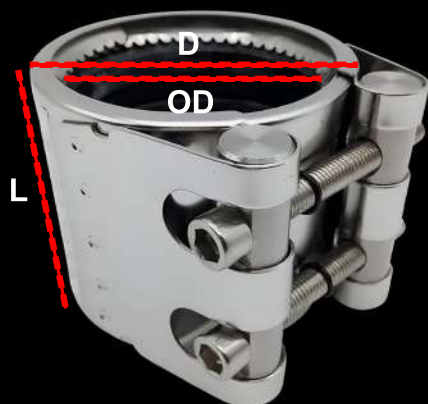
Multi-Function Pipe Repair And Connectors

- **Single-Section Multi-Function Pipe Coupling MF Series For Connect Pipes**
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PRIME
PLASTIC INDUSTRIES LLC

GR Series						
OD	Range	pressure	L	D	M	Nm
OD	Range	pressure	L	D	M	Nm
42	42-44	PN16	100	65	6	16
44.5	44-45.1	PN16	100	65	6	16
48.6	47-49	PN16	100	70	6	16
54	53.6-54.6	PN16	100	70	8	30
57	56.3-57.7	PN16	100	80	8	30
60.3	59-62	PN16	139	85	8	30
63	62.2-63.9	PN16	139	85	8	30
76.1	75-78	PN16	139	100	8	30
79.9	78.8-80.8	PN16	139	100	10	30
88.9	88-92	PN16	203	110	10	50
108	106-110	PN16	203	130	10	50
110	108.9-111.2	PN16	203	130	10	50
114.3	112-116	PN16	203	125	10	50
118	116.6-119.2	PN16	203	140	10	50
125	123.6-126.5	PN16	203	150	10	50
133	131.5-134.4	PN16	203	160	10	80
140	137-143	PN16	203	165	12	80
159	157-161	PN16	203	185	12	80
165.2	163.2-166.7	PN16	203	190	12	80
168	166-170.2	PN16	203	195	12	80
170	168.2-171.9	PN16	203	195	12	80
200	198.2-201.5	PN16	255	240	14	100
219	217-221	PN16	255	250	14	100
250	250-254	PN16	255	285	14	100
273	271-275	PN16	255	305	14	100
315	313-317	PN16	255	340	14	100
325	323-327	PN16	255	355	14	100
355.6	354-358	PN16	255	385	14	100
377	375-379	PN16	255	410	14	100



RCH - Series

Multi-Function Pipe Repair And Connectors

Multi-Function Pipe Repair And Connectors

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RCH Series

OD	Range	pressure	L	D	M	Nm
OD	Range	pressure	L	D	M	Nm
42	42-44	PN16	100	65	6	16
44.5	44-45.1	PN16	100	65	6	16
48.6	47-49	PN16	100	70	6	16
54	53.6-54.6	PN16	100	70	8	30
57	56.3-57.7	PN16	100	80	8	30
60.3	59-62	PN16	139	85	8	30
63	62.2-63.9	PN16	139	85	8	30
76.1	75-78	PN16	139	100	8	30
79.9	78.8-80.8	PN16	139	100	10	30
88.9	88-92	PN16	203	110	10	50
108	106-110	PN16	203	130	10	50
110	108.9-111.2	PN16	203	130	10	50
114.3	112-116	PN16	203	125	10	50
118	116.6-119.2	PN16	203	140	10	50
125	123.6-126.5	PN16	203	150	10	50
133	131.5-134.4	PN16	203	160	10	80
140	137-143	PN16	203	165	12	80
159	157-161	PN16	203	185	12	80
165.2	163.2-166.7	PN16	203	190	12	80
168	166-170.2	PN16	203	195	12	80
170	168.2-171.9	PN16	203	195	12	80
200	198.2-201.5	PN16	255	240	14	100
219	217-221	PN16	255	250	14	100
250	250-254	PN16	255	285	14	100
273	271-275	PN16	255	305	14	100
315	313-317	PN16	255	340	14	100
325	323-327	PN16	255	355	14	100
355.6	354-358	PN16	255	385	14	100
377	375-379	PN16	255	410	14	100



CR - Series

Multi-Function Pipe Repair And Connectors

Multi-Function Pipe Repair And Connectors

- **Single-Section Multi-Function Pipe Coupling MF Series For Connect Pipes**
 1. Applied to connection of various kinds of metal pipes and composite materials of pipelines.
 2. Refer to: DIN86128-1, DIN86128-2
 3. PN7-PN16
 4. MF-S (Short Type Pipe Coupling)
 5. MF-L (Long Type Pipe Coupling)
- **Gear-Ring Type Multi-Function Pipe Coupling GR Series Applied To Kinds Of Metal Pipes**
 1. Gear-Ring Type Multi-Function pipe coupling GR.
 2. Gear-Ring short Type.
 3. Gear-Ring long Type.
 4. Applied to connection of various kinds of metal pipes and composite materials of pipelines.
- **Folding Type Pipe Repair Clamp RCH Series For Quick Repair Pipe Leak Can Be Customized**
 1. A ring shaped folding Series is widely used on quick repairing of pipe leaks
 2. Folding short Type (RCH-S)
 3. Folding Long Type (RCH-L)
 4. Size: OD42-377mm
- **Double-Section Pipe Repair Coupling RCD Series Used On New Pipe Lines And Repairing Pipe leaks**
 1. Double-section pipe repair coupling RCD
 2. Double-section short clamp
 3. Double-section long clamp.
 4. Double section pipe repair coupling RCD is mainly used to the connection of new pipelines.
- **Opening Type Pipe Repair Clamp RCE Series Stainless Steel Materials Large Range**
 1. Name: Opening Type Pipe Repair Clamp RCE
 2. RCE series is the most widely used one, highly optimized for general use.
 3. Safe, convenient and efficient in installation.
- **Stainless Steel Band Pipe Repair Clamp CR Series Used For Big Size Steel Or Plastic Pipe**
 1. Stainless Steel Band Repair Clamp CR
 2. Single band repair clamp
 3. Double band repair clamp
 4. CR series is good at repairing pin holes and breaks caused by aging or rusting.



PRIME
PLASTIC INDUSTRIES LLC

RCH Series

DN	Range	Bar	Nm
180	178-182	16	40
200	198-202	15	40
219.1	217-222	13.5	40
250	248-253	12	40
267	264-270	11	40
273	270-276	11	40
304	301-307	10	40
323.9	321-327	9.5	40
355.6	353-358	8.5	40
377	374-379	8	40
406.4	404-409	7.5	50
457.2	454-460	6.5	50
508	505-511	6	50
558.8	555-562	7	50
609.6	606-613	6.5	50
711.2	707-715	5.5	50
762	758-766	5	60
812.8	809-817	5	60
914.4	910-918	4.5	60
1016	1012-1020	1	70
1117.6	1113-1122	3.5	70
1219.2	1215-1224	3.52	80
1320.8	1316-1325	3.02	60
1422.4	1418-1427	3.02	70
1524	1519-1529	2.52	70
1625.6	1621-1631	2.52	80
1727.2	1722-1732	2.52	80
1828.8	1824-1834	2.02	90
1930.4	1925-1936	2.02	90
2032	2027-2037	2.02	100