



Hydraulic Buttfusion Welding Machines 160-355mm

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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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