



Hydraulic Buttfusion Welding Machines 1200-1600mm

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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



PRIME
PLASTIC INDUSTRIES LLC