

Plastic Pipe Butt Welding Machine V250SHP/V8SHP



(the image is only a reference)

Riyang V250SHP/V8SHP are high-performance fusion welding machines, designed to excel on construction sites. It boasts a welding range from 63mm to 250mm or 2" IPS to 8" IPS, adhering to ISO21307 and ASTM F2620 high-force standard. Crafted from premium aluminum components, this machine guarantees strength and accuracy for all your welding needs.

Main Features:

Trimmer:

- It features a newly designed milling cutter paired with a Makita electric drill, significantly improving performance.
- The milling cutter's body is made from precision-machined aluminum, ensuring high strength and accuracy.
- The milling cutter utilizes a turbine drive system, delivering more powerful and stable output.



Clamps:

- The body is crafted from precision-machined aluminum, providing exceptional strength and accuracy.
- The sealing ring assembly uses internationally renowned brands, offering excellent pressure retention.
- The entire machine is designed for easy disassembly and installation, enhancing portability and convenience



Power Station:

- Robust hydraulic power with a maximum system pressure of up to 120 bar.
- Pressure valves employ cartridge valves for quick maintenance and repair.
- Precise temperature control reduces the discrepancy between actual and displayed temperature values, ensuring welding quality.
- The integral frame features a quick and detachable structure for efficient maintenance and repair.
- Compact and robust frame structure resists deformation under external pressure.
- Data logger PeWeldBank is compatible with this model.



Technical Parameters:

Model	V250SHP/V8SHP
Welding Range O.D.	63mm - 250mm, 2"IPS - 8"IPS
Inserts Type	Multi-layer, Screw in
Piston Area	11.0 cm ²
System Pressure	120 bar (1740 psi) Max.
Power Supply	220 V, 50/60 Hz
Rated Power	4.25 kW
Standard Configuration	
Basic Machine Chassis	●
Trimmer	●
PTFE-Coated Heating Plate	●
Power Station	●
Support Bracket	●
Aluminum Reducers	●
Transport Plywood Box	●
Temperature logging connector	●
Optional Configuration	
Stub End Device	○
Data Logger (PeWeldBank)	○
ISO Reducer Inserts	○
Support Roller	○

- Standard ○ Optional

Option: Data Logger

— PeWeldBank



Data logger PEWeldBank is a fully-featured productivity and risk management tool that records weld data, calculates parameters for a wide variety of international standards, guides welders tutorial, weld assessment.

About APP

PE Weld Bank mobile app is a powerful QA, risk management and productivity tool that helps you accurately track your poly welding processes in real time.

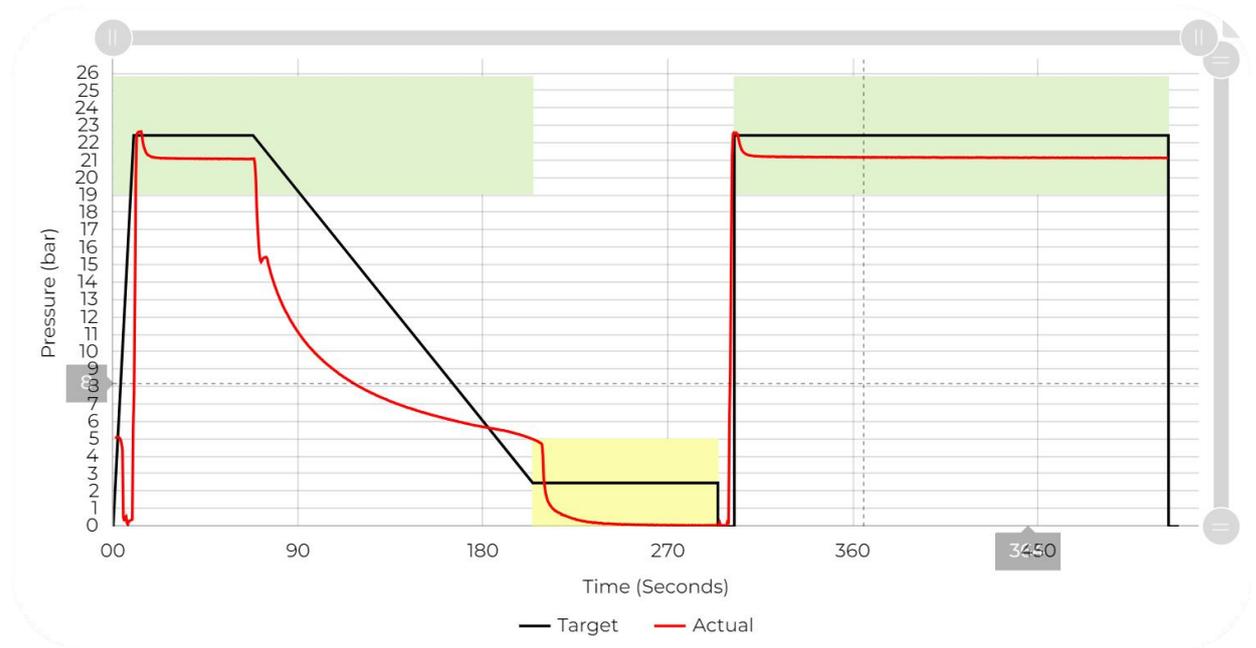
√ PE Weld Bank mobile app and data recording system replaces the need for manual paper records.

√ PE Weld Bank mobile app ensures correct welding parameters are being adhered to by prompting the operator through each fusion welding step, whilst displaying timers, actual pressures and temperatures.

√ When combined with the Bluetooth sensor device set, PE Weld Bank accurately records the temperatures and welding pressures, allowing instant review of welding results through the interactive onscreen welding graph.

√ All weld data is securely uploaded and stored in the online Fusion Management System (FMS) in real time, allowing you to review any weld, track welder and project productivity, and share reports with your clients.

Interactive weld graph



The on-screen Report shows all information about this weld Zoom into graph to see finer detail.

It includes:

- Ⓞ Bluetooth Pressure sensor, inc. ambient and humidity sensors
- Ⓞ Pressure Transducer & connection cable
- Ⓞ USB charge cable
- Ⓞ Bluetooth Temperature sensor
- Ⓞ Surface Temperature probe
- Ⓞ USB charge cable
- Ⓞ Rigid tablet
- Ⓞ Plastic box