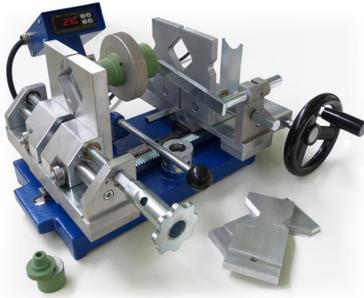




## WeldTech® - Fusion Welding Equipment

## MANUALLY AND HYDRAULICALLY OPERATED BENCH SOCKET WELDING MACHINES FOR PP AND PVDF PIPE AND FITTINGS



Simtech's manually and hydraulically operated socket fusion machines weld PP and PVDF from 20mm to 110mm. These bench machines are ideal for workshop or field fusion and feature a horizontal and vertical alignment. The bench machines also offer a unique control knob feature that allows for resetting all insertion depth stops in one easy step when changing sizes. Simtech also offers a hand socket fusion tool for small jobs or repair in restricted field working conditions

Simtech Model	Welding Range
PF 63 (Manual Hand)	20mm-63mm (½"-2")
PF 75M (Manual Bench)	20mm-75mm (½"-2½")
PF 110M (Manual Bench)	20mm-110mm (½"-4")
PF 110H (Hydraulic Bench)	20mm-110mm (½"-4")



## MANUALLY OPERATED WORKSHOP BUTT WELDING MACHINE FOR PE, PP AND PVDF PIPE AND FITTINGS

Simtech's manually operated World 250 and World 315 comes complete with reducing inserts, heating mirror, electric facing tool, pivoting clamps and transport box. This machine is ideal for both workshop and field fabrication of light wall pipe and fittings.

Simtech Model	Welding Range
WORLD 250	63mm-250mm (2"-10")
WORLD 315	90mm-315mm (3"-12")



## HYDRAULICALLY OPERATED WORKSHOP BUTT WELDING MACHINE FOR PE, PP, AND PVDF PIPE AND FITTINGS

Simtech's PL series of hydraulically operated bench machines features a laterally adjustable base which allows for alignment corrections. This equipment is highly suited for continuous production and prefabrication. The pivoting clamps can be adjusted to any angle up to 22½ degrees for production of mitered segmented elbows. All controls are mounted on front of the machine for ease of operation.

Accessories: Tee and Wye devices, Complete CNC operation with print out capabilities.

Simtech Model	Welding Range
PL 315	90mm-315mm (3"-12")
PL 500	250mm-500mm(10"-20")
PL 630	315mm-630mm (12"-24")

All models available with IPS inserts

## PORTABLE MANUALLY OPERATED BUTT WELDING MACHINE FOR PE, PP AND PVDF PIPE AND FITTINGS

The PM 125 and PM 160 are portable manually operated butt welding machines suitable for both shop and field welding of PE, PP and PVDF pipe and fittings. These lightweight compact machines come complete with heating mirror, electric facing tool, fitting clamps, reducing inserts and transport case.



### Simtech Model

### Welding range

PM-125	25mm-125mm (¾"-4½")
PM-160	40mm-160mm (1¼"-6")

Both models available with IPS inserts

## HYDRAULICALLY OPERATED FIELD BUTT WELDING MACHINES FOR PE, PP AND PVDF PIPE AND FITTINGS

Simtech's PT series welding equipment is ideal for field welding of PE, PP and PVDF pipe. All frames are compact and self-aligning. Upward opening clamps allow for ease of operation in restricted field-working conditions including trench work. Each machine comes complete with removable heating mirror, removable electric facing tool, electrohydraulic motor, flexible hoses, heating mirror stand and facing tool stand and lightweight aluminum reducing inserts.



### Simtech Model

### Welding Range

PT 200	63mm-200mm (2"-8")
PT 315	90mm-315mm (3"-12")
PT 500	280mm-500mm (11"-20")
PT 630	315mm-630mm (12"-24")
PT 800	450mm-800mm (18"-32")
PT 1000	630mm-1000mm (26"-39")
PT 1200	710mm-1200mm (28"-48")

All models available with IPS inserts

**WTP / WWTP**

- Chemical Feed Systems
- Chlorination & Fluoridation
- Pressure Regulation

**Chlor-Alkali**

- Chlorine Processing
- Brine Preparation
- Caustic Sodas

**Mining**

- Sulfuric Acid
- Hydrochloric Acid
- Slurry Piping

**Aquatics**

- Natatoriums
- Corrosion-Free Valves
- Valve Automation

**Food and Beverage**

- Dairy
- Brewing
- Chemical Sterilization

**O.E.M. Supplier**

- Valves and Automation
- Controls and Instrumentation
- Custom Fabrication

**Automotive**

- Fume Exhaust
- Washdown Systems
- Process Waste Drainage

**High Purity Water**

- RODI Systems
- pH Control
- Semiconductor Cleaning

**Power / Utilities**

- Demineralization
- Flue Gas Desulphurization
- Nuclear Process Drainage

**Biotech / Pharma**

- RODI High Purity Water
- WFI Systems
- Environmental Containment

**Laboratory Exhaust**

- Corrosive Fume Extraction
- Wet Bench Hoods
- Chemical Box Exhaust

**Pulp and Paper**

- Bleach and Liquor Lines
- Spent Acid and Caustic Lines
- Wet Scrubber Systems

**Chemical Processing**

- Chemical Transfer & Storage
- Metering and Mixing
- Process Fume Extraction

**Life Sciences**

- High Purity RODI Water
- Laboratory Fume Exhaust
- University Facilities

**Steel / Metal Finishing**

- Piping Lines
- Electroplating
- Fume Exhaust



**SIMTECH**  
Process Systems

Expertise In  
Engineered Plastics



47A Runway Road  
Levittown, PA 19057  
215-547-0444  
www.Simtech.com