



Westermans International Ltd
welding and cutting solutions that don't cost the earth

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Rated Excellent



Warranty Included
On all new & used machines



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Brand: Polysoude

Model: PS254-2
+ TS2000

Product ID: [19988](#)

Condition: Used

Polysoude PS254-2 Orbital Welder + TS2000 Tube to Tubesheet Weld Head

POLYSOUDE
THE ART OF WELDING



Key Features:

- ✓ Capable of welding tubes with internal diameters from 10 mm (0.50") to external diameters of 60 mm (2.40").
- ✓ Accommodating flush, protruding, and recessed tube configurations.
- ✓ Features closed-loop regulation of rotation and wire feed speeds, ensuring consistent weld quality.
- ✓ Equipped with a graphical, intuitive user interface and a full-function remote control for easy operation
- ✓ Offers real-time data acquisition with storage capabilities via a built-in chip card manager. Facilitating traceability and quality control.
- ✓ Includes an integrated closed-loop water cooling system. Maintaining optimal operating temperatures during welding



Specifications:

- ✓ Input Power: 3 ph. 400V (+/-10%), 50/60Hz
- ✓ Welding current: 4-250A
- ✓ Duty Cycle: 250A @ 100%
- ✓ Power source cooling: forced ventilation
- ✓ Torch cooling: Built-in closed loop water cooling with flow safety valve
- ✓ Temporary "user" memory: 16 programs
- ✓ Weld procedure library: 60 programs
- ✓ Data storage: Compact flash card
- ✓ Dimensions (LxWxH): 1060 x 580 x 1030mm
- ✓ Weight: 145kg

Capabilities:

- ✓ Heat exchangers
- ✓ Condensers
- ✓ Boilers
- ✓ Sanitary piping
- ✓ Sterile process equipment
- ✓ Reactors
- ✓ Pressure vessels
- ✓ Steam generators

Why choose this machine?

Exceptional Weld Integrity. Achieve consistent, high-purity TIG welds with closed-loop control for rotation and wire feed. Ideal for demanding, high-spec tube-to-sheet applications.

Purpose-Built for Tube-to-Sheet Welding. Designed specifically for welding flush, protruding, or recessed tubes into sheets or plates. Ensuring structural strength and leak-free performance.

Cleanroom & Hygienic Ready. A go-to solution for pharmaceutical, biotech, and food-grade environments. Where contamination-free, crevice-free welds are essential.

Automated, User-Friendly Operation. With an intuitive graphical interface, remote control, and integrated weld data capture. Delivering both precision and ease of use for operators.

Who is this machine for?

Designed for manufacturers and maintenance teams working in high-purity, high-integrity environments. The Polysoude PS254.2 orbital welder is perfect for anyone needing reliable, repeatable welds on tube-to-sheet joints. Benefitting critical applications from sterile pharmaceutical systems to industrial heat exchangers.

Industries include:

- Pharmaceutical
- Biotechnology
- Food & beverage processing
- Heat exchangers & boilers
- Chemical & petrochemical

- Power generation & nuclear
- Aerospace
- Defence
- Semiconductor manufacturing



Need more information?

Call us on +44 (0)116 269 6941 or
email us sales@westermans.com

What's Included?

- ✓ Polysoude PS254-2 orbital power source
- ✓ TS2000 tube to tubesheet welding head
- ✓ Wire feeder
- ✓ Remote control
- ✓ Cables and small selection of spares
- ✓ 4 month in-house warranty (serviced option)
- ✓ Lifetime remote support

For a quotation on this machine, please contact the sales team.

Or hit "enquire now" to send an enquiry via the website and your price will be emailed back to you shortly.

*For full specifications on each system component, see the "PDFs" section on our website listing.

Specifications are subject to change without notice at manufacturer's discretion. Check with us for confirmation if needed.

Delivery Information:

All quotes are supply only, ex-works Leicester, UK unless otherwise stated. Shipping quotes can be provided for UK & International orders. Or you can arrange collection via your own carrier.

Payment Terms:

Quotations are valid for 14 days on new equipment, 30 days on used equipment (subject to availability)

Payment is in advance against Proforma Invoice unless otherwise stated, we accept £ GBP, Euros or USD.

UK & international payments are preferred by bank transfer, UK customers may also pay by card or cash.



Trusted for over 50 years.

Westermans is rated
Excellent

Based on 665 reviews



★ Trustpilot

**Brands
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