

Product Brochure For W077

TECNA® 4648 - Industrial Pneumatic Pedestal Spot Welder

#4648
 25kVA (3 + 3mm Maximum Steel Thickness)

Ex GST
\$7,300.00

Inc GST
\$8,030.00



ORDER CODE:	W077
MODEL:	TECNA® 4648
Unit & Operation (Type):	Pedestal Foot - Pneumatic
Maximum Welding Thickness (mm):	3 + 3
Maximum Welding Power (kVA):	68
Nominal Power @ 50% (kVA):	25
Welding Timer (Yes / No):	Yes
Throat Depth (Min/Max) (mm):	230 - 550
Electrode Stroke @ 230mm (mm):	8 - 44
Electrode Stroke @ 550mm (mm):	15 - 85
Arms Gap (mm):	220
Water Cooling Capable (Yes / No):	Yes
Main Fuse (amp):	50
Voltage / Amperage (V / amp):	415
Dimensions (L x W x H) (mm):	300 x 750 x 1500
Nett Weight (kg):	143



Description

TECNA spot welders are designed to meet every need of spot welding. The new stationary ergonomic frame designed by TECNA helps to facilitate the operator's work. The control unit has been positioned frontally to allow the operator to view the welding data even during the working cycle. The pneumatic commands and the compressed air pressure gauge have been placed at the top for easier adjustment and reading.

Features

- Arms adjustable in length allowing a better working flexibility
 - Chrome-copper electrode-holders for long life and heavy duty service, designed for straight and angled fitting
 - Adjustable electrode stroke
 - Epoxy resin coated transformer
 - Water-cooled transformer, arms and electrodes
 - Microprocessor control unit TECNA TE101
 - The air operated lubrication free cylinder eliminates oil mist
 - Electrode force adjustment with air filter reducer with gauge
 - Semi-automatic drainage system
 - Electrode speed control valves, shock absorber for cylinder's end of stroke and air discharge silencers
 - Two-stage electric foot pedal, that besides its normal use in automatic and single spot mode, allows the operator to bring the pieces together and to weld them only when correctly positioned
 - Pre-arrangement for the connection of a second electric two-stage foot pedal item 70284
 - The addition of the second foot pedal allows to recall two different adjustments of time- current. This function is helpful when different kinds of welding are to be performed on the same piece
- TE101 TECNA MICROPROCESSOR CONTROL UNIT:
 - Synchronous thyristor drive with phase-shift control for welding current adjustment.
 - Built in ammeter (RMS value), 2 selectable ranges (18-56 kA).
 - Storing of 99 welding programs.
 - Inputs for external selection of 31 programs or 15 programs with parity control.
 - Welding times adjustment in half-periods.
 - Pre-weld, slope and pulse functions.
 - Welding current control limits. Error condition signaling output and function to stop welder operation.
 - Single and repeat operating mode. WELD/NO WELD function.
 - Welding current compensation function to assist welding of oxidized sheets and rods.

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sales@machineryhouse.com.au
www.machineryhouse.com.au

P235
Coolant Pump & Tank



C345
Air Compressor



C511
Pilot Super Duty Air Compressor



C521
Industrial Pilot Air Compressor

