Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For W076

Industrial Pedestal Spot Welder - TECNA® 4643

#4643

25kVA (3 + 3mm Maximum Steel Thickness)



On Sale

Ex GST	Inc GST
~~$7,250.00~~	~~$7,975.00~~
$6,950.00	$7,645.00

ORDER CODE:	W076
MODEL:	TECNA® 4643
Unit & Operation (Type):	Pedestal Foot - Manual
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):	145

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.

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
- Adjustable electrode force; a microswitch starts the welding cycle when the desired pre-set value is reached
- The foot pedal is adjustable in length

- 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.
- Possibility to connect two independent start of cycle device using different welding programs.
- Auto retain disabling for manually actuated welders.
- First phase shift delay adjustment. It enables the machine line current best balance.
- Cos ? adjustment, allow to optimize current adjustment linearity.
- End of cycle output for automation applications.
- Thermostatic protection input.
- Self-adjustment to the mains frequency 50/60 Hz.
  Control of solenoid valve 24 Vdc 7,2 W max with short circuit protection.

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Specific Features



Control Panel TE101



TE101 V s TE90 Control Panel

Recommended Accessories

W025

Spot Welder Electrodes (Straight) - Suits TECNA 25kVA Pedestal Spot Welder



W026

Spot Welder Electrodes (Bent) -Suits TECNA 25kVA Pedestal Spot Welder



W027

Spot Welder Electrodes (Offset) - Suits TECNA 25kVA Pedestal Spot Welder



W070

9L Water Cooler



P235

Coolant Pump & Tank

