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

Product Brochure For K8437

16 kVA Pedestal Spot Welder - TECNA 4640-16

NSW DOE Item 46B



Please Call

ORDER CODE:	K8437
NSW DOE Item No.:	46B
QLD DOE Item No.:	~
MODEL:	NSW School / TAFE & TECNA-4640-16
Part Number:	4640-16
Type:	Manual
Maximum Thickness (mm):	2.5 + 2.5
Nominal Power (kVA):	50% @ 16kVA
Max. Welding Power (kVA):	35
Secondary No Load Voltage (V):	3.4
Functions:	~
Main Fuse (amp):	32
Throat Depth (Min/Max) (mm):	230-550
Arms Gap (mm):	225
Voltage / Amperage (V / amp):	415
Dimensions (mm):	300 x 750 x 1200
Nett Weight (kg):	135

TECNA

Made in Italy

1 YEAR WARRANTY

Description

TECNA 4640 spot welders are designed to meet every need for 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
- Adjustable electrode force; a micro switch 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 signalling output and function to stop welder operation.
- Single and repeat operating mode. WELD/NO WELD function.
- Welding current compensation function to assist welding of oxidised 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 optimise 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



TE 101 Controller

Recommended Accessories

W070
9L Water Cooler



P235
Coolant Pump & Tank



W024
Spot Welder Electrodes (Straight) - Suits TECNA 16kVA Pedestal Spot Welder



W023
Spot Welder Electrodes (Offset) - Suits TECNA 16kVA Pedestal Spot Welder



W022
Spot Welder Electrodes (Bent) - Suits TECNA 16kVA Pedestal Spot Welder

