Auckland: (09) 2717 234
Christchurch: (03) 741 6241

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Product Brochure For W076

# Industrial Pedestal Spot Welder - TECNA® 4643

#4643

25kVA (3 + 3mm Maximum Steel Thickness)

| Ex GST | Inc GST |
|---|---|
| $9,480.00 | $10,902.00 |



| | |
|---|---|
| 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 |

TECNA

Made in Italy

1 YEAR WARRANTY

NO PLUG 415V

## 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

### W026

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



### P235

Coolant Pump & Tank

