

SPOT WELDERS

MACHINES

SAFETY

GAS EQUIPMENT

TORCHES

ACCESSORIES

FILLER METALS



TECNA® 4640 Foot-Operated Spot Welder



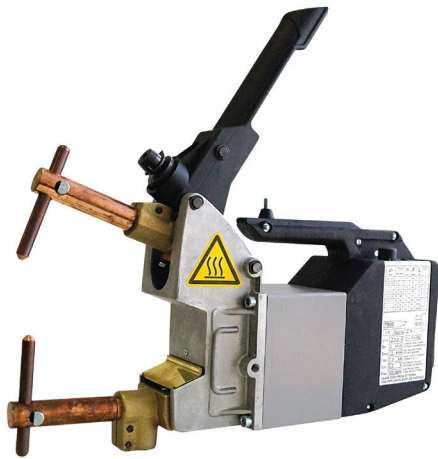
TECNA® 4643 Foot-Operated Spot Welder



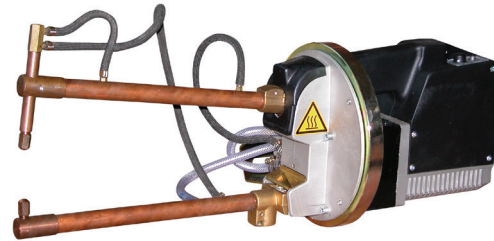
TECNA® 4648 Pneumatic Spot Welder

PEDESTAL SPOT WELDER SPECIFICATIONS

| SKU | 4640/415/50 | 4643/415/50 | 4648/415/50 |
|---|--------------------|--------------------|---------------------|
| Nominal power at 50% | 16 kVA | 25 kVA | 25 kVA |
| Maximum welding power | 35 kVA | 68 kVA | 68 kVA |
| No load secondary voltage | 3.4 V | 4.6 V | 4.6 V |
| Maximum short circuit current | 12.5 kA | 18 kA | 18 kA |
| Maximum welding current on light alloys | N/A | 16.3 kA | 16.3 kA |
| Maximum welding current on steel | 10 kA | 14.4 kA | 14.4 kA |
| Thermal current 100% | 3300 A | 3800 A | 3800 A |
| Supply voltage 50Hz * | 415 V | 415 V | 400 V |
| Cables section L=10 m | 6 mm ² | 16 mm ² | 16 mm ² |
| Cables section L=30 m | 10 mm ² | 16 mm ² | 16 mm ² |
| Delayed fuses | 32 A | 50 A | 50 A |
| Min. electrodes throat depth | 230 mm | 230 mm | 230 mm |
| Max. electrode force (6 bar) | 240 daN | 240 daN | 240 daN |
| Electrode stroke | 8-44 mm | 8-44 mm | 8-44 mm |
| Max. electrodes throat depth | 550 mm | 550 mm | 550 mm |
| Max. electrode force (6 bar) | 95 daN | 95 daN | 115 daN |
| Electrode stroke | 15-85 mm | 15-85 mm | 15-85 mm |
| Short circuit current with L max. | 8.4 kA | 13 kA | 13 kA |
| Arms diameter | 36 mm | 40 mm | 40 mm |
| Electrode-holders diameter | 19 mm | 22 mm | 22 mm |
| Standard electrodes cone diameter | 12.7 mm | 14.8 mm | 14.8 mm |
| Water cooling | 2.5 l/min | 3.7 l/min | 3.7 l/min |
| Compressed air supply | N/A | N/A | 6,5 bar |
| Air for 1000 spots (6 bar) | N/A | N/A | 4.3 Nm ³ |
| Aerial noise produced | < 70 dB(A) | < 70 dB(A) | < 70 dB(A) |
| Measure conditions | | | |
| Working stroke | 20 mm | 20 mm | 20 mm |
| Welding time | 21 cycles | 14 cycles | 14 cycles |
| Welding current | 9.4 kA | 13.5 kA | 13.5 kA |
| Working rating in welds/min | 10 | 10 | 10 |
| Net weight (approximately) | 135 kg | 145 kg | 143 kg |



TECNA® 7900 Handheld Spot Welder



TECNA® 7913 Handheld Spot Welder

HANDHELD SPOT WELDER SPECIFICATIONS

| SKU | 7900 | 7913/240/50 | 7913/415/50 |
|-------------------------------|----------------------------|----------------------------|----------------------------|
| Power Supply | 240V Single-Phase | 240V Single-Phase | 415V Three-Phase |
| Nominal Power | 50% @ 2kVA | 50% @ 6kVA | 50% @ 6kVA |
| Maximum Welding Power | 13kVA | 16kVA | 16kVA |
| Secondary No Load Voltage (V) | 2.3V | 2.5V | 2.5V |
| Main Fuse (A) | 16A | 25A | 16A |
| Arm Length | 125-500mm (125mm Standard) | 125-500mm (125mm Standard) | 125-500mm (125mm Standard) |
| Arms Gap | 96mm | 94mm | 94mm |
| Maximum Thickness | 2+2mm | 2+2mm | 2+2mm |
| Dimensions | 90x370x230mm | 108x475x203mm | 108x475x203mm |
| Weight | 12kg | 20kg | 20kg |
| Additional Functions | Timer | Timer + Water Cooled Arms | Timer + Water Cooled Arms |
| Warranty | 1 Year | 1 Year | 1 Year |