



TRU-WELD EQUIPMENT

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TW-i SERIES CAPACITOR DISCHARGE STUD WELDERS



Description

The TW-i series of capacitor discharge stud welders incorporates the latest solid state technology into a compact, light-weight, and rugged CD stud welder. This full line of equipment is capable of welding pins, cup head pins, and CD studs ranging from 14-gauge up to 3/8" full-flanged stainless steel studs.

SPECS	TW-i 250	TW-i 250CP	TW-i 321	TW-i 375
SIZE	14" L, 10.5" W, 11.5" H 356mm x 267mm x 292mm			
WEIGHT (Power Supply Only)	18 lbs. (8.1Kg)	18 lbs. (8.1Kg)	20.8 lbs. (9.4Kg)	23.4 lbs. (10.6Kg)
WELD RANGE	14Ga - 1/4" Stainless	14Ga - 1/4" Stainless (including cup head pins)	14Ga - 5/16" Stainless	14Ga - 3/8" Stainless
DUTY CYCLE	18 studs per minute (1/4" settings)	18 studs per minute (1/4" settings)	14 studs per minute (5/16" settings)	10 studs per minute (3/8" settings)
PRIMARY POWER	110 VAC @ 50/60Hz 15 Amp circuit 220 VAC @50/60Hz 7.5 Amp circuit			
CHARGE VOLTAGE	35-200 VDC			

*Specifications are subject to change without prior notice

FEATURES

- **—NEW FEATURE—** Intuitive Touchscreen Interface with Preset values for fast, accurate, and repeatable weld settings
- **—NEW FEATURE—** Set-Point Discharge: Unit discharges directly to a new set point without needing to discharge completely
- **—NEW FEATURE—** Universal Input Voltage: Plug and play, no need to re-tap the machine for 110V or 220V input voltages
- **—NEW FEATURE—** Low input voltage capability enables operation with long extension cords
- **—NEW FEATURE—** Contact and Trigger Indicators for fast troubleshooting of hand tool and weld cable maintenance issues
- **—NEW FEATURE—** Thermal and Voltage protection indicators to protect the unit from damage due to overheating or poor input power
- Rigid internal construction minimizes the possibility of components coming loose during rough handling or operations
- Hand tool has been ergonomically designed to reduce operator fatigue for increased welding efficiency
- Hand tool has an adjustable internal spring to apply the correct spring pressure for every welding application
- Hand tool can be configured for B collets, collet inserts, Euro collets, or standard tapered chucks

Made In the USA

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