

# CIGWELD

AN ESAB BRAND

## MULTI PROCESS WELDING INVERTER

# Transmig 175i+

PROFESSIONAL  
SERIES



# Transmig 175i+



**“ The ultimate, portable and versatile unit with that extra punch to get the job done! ”**

## PLANT CONTENTS
















Transmig 175i+ Inverter Power Source  
Tweco Professional Fusion 250 MIG Torch 3m  
COMET Professional Argon Regulator / Flowmeter  
Feed Rolls: 0.6/0.8mm V Groove (Fitted),  
1.0/1.2mm U Groove, 0.8/0.9mm V Knurled  
Contact Tips: 0.8mm (Fitted), 0.6mm, 0.9mm, 1.0mm  
Twistlock Electrode Holder with 4m Lead  
Work Clamp with 4m Lead  
Shielding Gas Hose Assembly  
Shoulder Strap  
Product Bag  
Operating Manual

Part No. W1005185

The CIGWELD TRANSMIG 175i+ is a self contained single phase multi process welding inverter that is capable of performing GMAW/FCAW (MIG), MMAW (Stick) and GTAW (Lift TIG) welding processes.

The unit is equipped with an integrated wire feed unit, voltage reduction device (VRD applicable in Stick mode only), digital voltage and amperage meters, and a host of other features in order to fully satisfy the broad operating needs of the modern welding professional.

## FEATURES

-  **Integrated Wire Feed Unit**  
Spools up to 5kg or 200mm
-  **240 Volt, 50/60Hz, 15 Amp Supply Lead**  
Fitted to Power Source
-  **Digital Amperage and Voltage Meters**
-  **Fully compliant to AS 60974.1-2006.**  
Enclosure rated to IP23S - Designed for indoor & outdoor use.
-  **Euro MIG Torch Connection**
-  **Adjustable Burnback Control:** The burnback control is used to adjust the amount of MIG wire that protrudes from the MIG torch after the completion of MIG welding. (commonly referred to as stick out)
-  **Arc Control (Inductance):** The arc control operates in GMAW/FCAW (MIG) mode only and is used to adjust the intensity of the welding arc.
-  **Maximum MIG Wire Size:**  
0.8mm: Solid & Stainless Steel  
0.9mm: Gasless Wires  
1.0mm: Aluminium
-  **Maximum Electrode Size 4.0mm:**  
Power Source is suitable for 2.0mm, 2.5mm, 3.2mm and 4.0mm electrode sizes.\*
-  **DC Lift TIG function.** Provides smooth starting and running characteristics across a broad range of applications.
-  **3 Year Limited Warranty\*:**  
\*Refer to operating manual for further details.
-  **Standards Compliant Voltage Reduction Device**
-  **Current Range for this Power Source is 10A to 185A (MIG Mode) of DC Welding Output.**
-  **Over Temperature Cut Out Protection**  
has been fitted to Power Source
-  **Suitable for Gas and Gasless Wires**

## SPECIFICATIONS

DESCRIPTION	TRANSMIG 175i+
Processes	MIG (GMAW/FCAW), STICK (MMAW), TIG (GTAW)
Supply Voltage	240V +/- 15%, (15 Amp Plug)
Welding Current Range	10 - 185A MIG (GMAW/FCAW), 10 - 175A STICK (MMAW), 10 - 175A TIG (GTAW)
Duty Cycle	MIG (GMAW/FCAW): 185A @ 20%, 23.3V (40°C, 10mins) STICK (MMAW): 175A @ 20%, 27.0V (40°C, 10mins) TIG (GTAW): 175A @ 25%, 17.0V (40°C, 10mins)
Minimum Single Phase Generator Recommended Generator**	9.5 kVA (at 0.8 Power Factor) 7.8 kW (at 1.0 Power Factor)
Weight	Power source: 14.6kg; Plant (packed): 23.0kg
Dimensions	Power source: 410mm(H) x 210mm(W) x 450mm(D)

\* Refer to operating manual for further details.

\*\* Due to large variations in performance and specifications of different brands and types of generators, CIGWELD cannot guarantee full welding output power or duty cycle on every brand or type generator. CIGWELD recommends that when selecting a generator, the power source/generator combination be adequately trialled to ensure the combination performs to the users expectations.

The Professional Series is CIGWELD's premium range of technically superior products designed for the serious welding professional who demands optimum performance, longevity and dependability.

Engineered to the highest standards and supported by an extensive warranty, CIGWELD's Professional Series is in it for the long haul!

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