CIGWELD

AN ESAB BRAND

MULTI PROCESS WELDING INVERTER

Transmig 165ST

PROFESSIONAL SERIES

1300 654 674 I F: 03 9474 7391 I enquiries@cigweld.com.au

CIGWELD.COM.AU

Transmig 165ST

"When you're ready to take welding to the next level!"

PLANT CONTENTS

Part No. W1005165

- Transmig 165ST Inverter Power Source
- Tweco Professional Fusion 150 MIG Torch 3m
- COMET Professional Argon Regulator / Flowmeter
- Feed Roll: 0.6/0.8mm V Groove (Fitted)
- Contact Tip: 0.8mm (Fitted)
- Work Clamp with 4m Lead
- Shielding Gas Hose (Fitted)
- Operating Manual

The CIGWELD TRANSMIG 165ST 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 and Tig modes only) 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

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.

Over Temperature Cut Out Protection has been fitted to Power Source

Maximum MIG Wire Size:
0.8mm: Solid, Stainless Steel & 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 165A Provides DC Output

Suitable for Gas and Gasless Wires

SPECIFICATIONS

DESCRIPTION	TRANSMIG 165ST
Processes	MIG (GMAW/FCAW), STICK (MMAW), TIG (GTAW)
Supply Voltage	240V +/- 15%, (15 Amp Plug)
Welding Current Range	10 - 165A MIG (GMAW/FCAW), 10 - 165A STICK (MMAW), 10 - 165A TIG (GTAW)
Duty Cycle	MIG (GMAW/FCAW): 165A @ 30%, 22.3V (40°C, 10mins) STICK (MMAW): 165A @ 25%, 26.6V (40°C, 10mins) TIG (GTAW): 165A @ 30%, 16.6V (40°C, 10mins)
Minimum Single Phase Generator Recommended Generator**	9.0 kVA (at 0.8 Power Factor) 7.0 kW (at 1.0 Power Factor)
Weight	Power source: 14.5kg; Plant (packed): 19.0kg
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!

PROFESSIONAL SERIES