CIGWELD

PRO SERIES

Transmig
355i

AUTO SET MIG

MIG

STICK

TIG

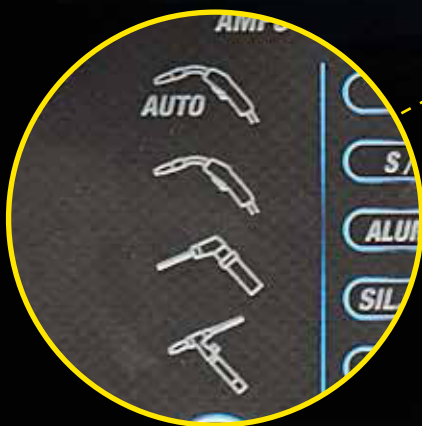| OUTPUT CURRENT	INPUT SUPPLY	MULTI PROCESS	AUTO PROCESS	4 ROLL WIRE DRIVE	SAFETY DEVICE	COMPATIBLE WITH	COMPATIBLE WITH	WARRANTY*
355A DC	415V 15A	**3 IN 1** MIG STICK TIG	**AUTO SET** MIG	SPOOLS UP TO 300mm	VRD	4RX WIREFEEDER (OPTIONAL)	SPOOL GUN (OPTIONAL)	**3 YEARS**

Transmig 355i

CIGWELD's Transmig 355i is a powerful 3phase 3in1 MultiProcess Inverter that offers exceptional welding results across MIG, STICK and TIG that operates at 355A@60% Duty Cycle.

The Transmig 355i is loaded with advanced features to get the best out of your welding performance while also helping to make welding easy with the added convenience of CIGWELD's AUTO SET MIG feature.

The AUTO SET MIG Process has been pre-programmed with synergic lines determined by material type, thickness and consumable diameter to ensure you are always getting the best from your welds.

Available in a Compact Plant (W1003511) or as a Remote Plant with Transmig 4RX wirefeeder (W1003510)

SELECT PROCESS

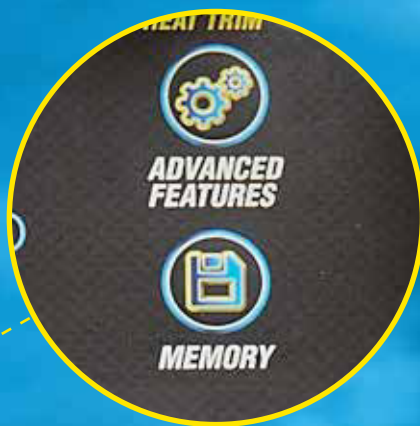Auto MIG, Manual MIG, STICK & LIFT TIG.

DIGITAL VOLTAGE METER

Controlling in Auto MIG/MIG/Stick/Lift Tig mode Voltage settings via the Voltage Control knob.

ADVANCED FEATURES BUTTON

Allows the specific control settings to be adjusted for various welding functions such as Inductance, Burnback, Spot Time, Downslope and Remote/Local.

PUSH PULL MIG GUN

TBi Industries Push Pull MIG Gun

FEATURES

Input Supply
415VAC +/- 15%, 3 Phase, 50/60Hz, 15A.

3 IN 1 Multi-Process
A true multi-process machine offering outstanding welding results across MIG, Stick TIG.

Auto Set Process
Auto Set parameters for MIG. Determined by material type, thickness & consumable diameter.

Current Range
Current range for this Power Source is 30 to 355A (MIG Mode) of DC Welding Output.

Heat Trim
Customisable Heat Trim Function allows user to tweak voltage for optimal performance (in AUTO SET MIG only).

Push Button Interface
Simple Push button display for easy navigation.

MIG (GMAW/FCAW) 355A @ 60%
0.6-1.2mm: Solid Wires & 0.8-2.0mm: Gasless Wires.
0.9-1.2mm: Aluminium Wires.
0.9-1.2mm: Stainless Steel Wires.
0.8-1.2mm: Silicon Bronze Wires.

STICK (MMAW) 355A @ 60%
Power Source suitable for 2.0mm, 2.5mm, 3.2mm and 4mm and 5mm electrode sizes.

TIG (GTAW) 355A @ 60%
Lift TIG function provides smooth starting and running characteristics across varying applications.

Memory Settings
Save up to 15 of your favourite welds with Memory Settings.

Advanced Features
Includes 2T/4T, Spot/Stitch Weld, Pre/Post Flow, Crater Fill, Crater Current, Crater Volts, Run In, Creep Feed & Down Slope.

Arc Control
Variable inductance for softer arc and less spatter or stronger arc and increased penetration.

Adjustable Burnback Control
Adjusts stick-out and prevents wire from burning back.

Gas Purge Button
Easy Access Gas Purge button on front display enables user to purge shielding gas through torch.

Wire Inch Button
Easy Access Gas Wire Inch button on front display enables user to feed wire without wasting shielding gas.

Voltage Reduction Device
Standards compliant STICK mode only.

Generator
Recommended generator required: 14kVA at 0.8 Power Factor.

4 Roll Wire Drive System
The Transmig 355i is a compact MIG machine with a robust integrated 4 roll wire drive.

4RX Remote Feeder (Optional)
Transmig 355i power source is compatible with optional 4RX Remote Feeder Part No. W3000410.

Optional Spool Gun
Transmig 355i power source is compatible with optional Tweco SGT250 Spool Gun.

Compatible With
Transmig 355i Power Source is compatible with 4RX Wirefeeder, Part No: W3000410.

Euro Torch Connection

Plate Thickness Control
Plate Thickness setting, makes set up a breeze, no more guessing of the welding parameters.

Warranty
3 Year Limited Warranty*
*Refer to operating manual for further details.

Transmig 355i & Transmig 4RX Wirefeeder

The Transmig 4RX Wirefeeder is designed for use with the Transmig 355i Multi Process Welder - providing excellent MIG welding performance across a broad range of applications when used with the CIGWELD/ESAB welding consumables.

The Transmig 355i is supplied with a Tweco Fusion 400 AMP air-cooled MIG Torch that can be used with the 4RX Wire Feeder. The Fusion MIG Torch is designed with an ergonomic handle and less parts for maximum performance.

SPECIFICATIONS

Transmig 355i Compact Plant	W1003511
Transmig 355i Remote Plant (with Transmig 4RX feeder)	W1003510
Transmig 355i Power Source Dimensions	H 700mm x W 287mm x D 517mm
Transmig 4RX Wirefeeder Dimensions	H 453mm x W 238mm x D 553mm
Transmig 355i Power Source Weight	45kg
Transmig 4RX Wirefeeder weight	21kg
Cooling	Fan Cooled
Welder Type	MIG, STICK, LIFT TIG, AutoSet MIG Inverter Power Source
Standards	AS 60974.1-2006 / IEC 60974-1
Number of Phases	Three Phase
Nominal Supply Voltage	415 VAC ± 15%
Nominal Supply Frequency	50/60Hz

Open Circuit Voltage (VRD On) Stick Weld Mode	<35V
Effective Input Current (I1eff)	15 Amps
Maximum Input Current (I1max)	20 Amps
Minimum Three Phase Generator (Recommended)	14 kVA (at 0.8 Power Factor)
Protection Class	IP23S
MIG (GMAW) Welding Output, 40ºC, 10 min.	355A @ 60%, 31.8V
STICK (MMAW) Welding Output, 40ºC, 10 min.	355A @ 60%, 34.2V
TIG (GTAW) Welding Output, 40ºC, 10 min.	355A @ 60%, 24.2V
4RX Min/Max Wirespeed	1.5/22 MPM
4RX Interconnection Plug	10 Pin
4RX Interconnection Length	8 metre
Warranty	3 Year Limited Warranty*

Transmig 355i Remote Plant

P/N: W1003510

**TRANSMIG 4RX
WIRE FEEDER**
P/N: W3000410

**TRANSMIG
TROLLEY FOR
TRANSMIG 355I**
P/N: W4015005

The easy to assemble
Transmig Welding
Trolley is designed for
maneuverability when
using the 4RX and
Transmig 355i.

**TRANSMIG 355i
AUTO SET
POWER SOURCE**

CIGWELD
AN **ESAB** BRAND

Transmig
355i

PACKAGE CONTENTS

TRANSMIG 355I COMPACT PLANT PART NUMBER: W1003511

Transmig 355i Inverter Power Source
Feedroll 0.9/1.2mm V Groove (Fitted)
Tweco Fusion 400 Mig Torch 3.6m
Comet Professional Argon Regulator / Flowmeter
Work Clamp with 4m Lead
Shielding Gas Hose Assembly
Operation Manual

TRANSMIG 355I REMOTE PLANT PART NUMBER: W1003510

Transmig 355i Inverter Power Source
Feedroll 0.9/1.2mm V Groove (Fitted)
Transmig 4RX Wirefeeder
8m Interconnection Lead
Tweco Fusion 400 Mig Torch 3.6m
Comet Professional Argon Regulator / Flowmeter
Work Clamp with 4m Lead
Heavy Duty Trolley with inbuilt cylinder carrier
Shielding Gas Hose Assembly
Operation Manual

Operating Manual can be downloaded at **cigweld.com.au/manuals**

OPTIONAL ACCESSORIES

Tweco Fusion 400 MIG Torch, 3.6m, Euro	0TWF412X3545
Tweco No. 4 MIG Torch, 3.6m, Euro	0TWX412/3545
Tweco No. 4 MIG Torch, 4.5m, Euro	0TWX415/3545
Transmig 4RX Wirefeeder	W3000410
2m Interconnection Lead, 10 Pin, suits 4RX wirefeeder	W4016003
8m Interconnection Lead, 10 Pin, suits 4RX wirefeeder	W4016002
15m Interconnection Lead, 10 Pin, suits 4RX wirefeeder	W4016004
Tweco SGT 250 Spool Gun	W4011250
CIGWELD TBi Push-Pull Gun, 8m	185P958180
CIGWELD TBi Push-Pull Gun, 12m	185P9581C0
CIGWELD TBi Push-Pull Gun Neck, 40 degree	185P001002
CIGWELD TBi Synchroniser Box	590P958000
Twistlock Electrode Holder Lead, 400A, 5m	646779
TIG Torch 17V with 4m lead (200A@20%)	W4013801
TIG Torch 17V with 4m lead and remote control (200A@20%)	W4013800
TIG Torch 26V with 4m lead (240A@20%)	W4014601
Transmig 355i Trolley with inbuilt cylinder carrier	W4015005
Feed Roll 0.6/0.8mm V groove (hard)	7977729
Feed Roll 0.9/1.2mm V groove (hard) (fitted)	7977703
Feed Roll 1.2/1.6mm V groove (hard) (fitted)	7977346
Feed Roll 0.8/0.9mm U groove (soft)	7977733
Feed Roll 1.0/1.2mm U groove (soft)	7977730
Feed Roll 1.2/1.6mm U groove (soft)	7977348
Feed Roll 0.8/0.9mm V groove knurled (flux cored)	7977734
Feed Roll 1.2/1.6mm V groove knurled (flux cored)	7977347
Shielding Gas Hose Assembly	W7004913
MIG Pliers	CWPLIER

CIGWELD.COM.AU

WE RECOMMEND
GENUINE CIGWELD
BIGGEST RANGE, BEST QUALITY & GUARANTEED PERFORMANCE

WELDING MACHINES · FILLER METALS · WELDING EQUIPMENT · GAS EQUIPMENT · PLASMA EQUIPMENT · SAFETY EQUIPMENT