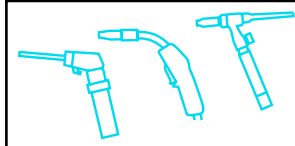


WELDING EQUIPMENT MULTI PROCESS

SECTION ONE



TRANSMIG 400i

● Heavy Industrial



400 AMP

CC CV

DC

3 PHASE

415 V

SPECIFICATIONS

SUPPLY VOLTAGE:
415 volt
3 phase 50Hz
MINIMUM RECOMMENDED GENERATOR:
24 kVA at maximum weld current

WELDING CURRENT RANGE:

5-400 amps
SUPPLY PLUG AND LEAD:
33 amp

DUTY CYCLES:

30% at 400 amps
60% at 300 amps
DUTY CYCLE TEST PERIOD:
5 & 10 minutes

PACKED WEIGHT:

25kg
POWER SOURCE DIMENSIONS:
H420mm x W210mm x D450mm



The Transmig 400i is a brand new release, 415 volt, 33 amp per phase, full digital control, DC MIG/STICK/lift TIG power source. Features include variable inductance, digital voltmeter and digital ammeter making this the ultimate unit designed for precision MIG welding of steel and other DC weldable materials. The unit also has an integrated Voltage Reduction Device (VRD) for improved operator safety.

Features:

- ▲ Standards compliant integrated Voltage Reduction Device
- ▲ Save/Load (recall) weld programs
- ▲ Intelligent fan operation
- ▲ Embedded micro processor with digital controls
- ▲ Exceptional DC welding characteristics
- ▲ All welding parameters are adjustable
- ▲ Easy to use digital display and panel controls
- ▲ Digital volt meter and ammeter
- ▲ MIG, Lift TIG & Stick weld operations
- ▲ Variable inductance control in Mig mode
- ▲ Self diagnostic control
- ▲ Single index control knob
- ▲ Compact, lightweight & portable

Transmig 400i Power Source Contents:

Transmig 400i Power Source, two dinse plug connectors, operation manual

Ordering Information:

Transmig 400i Power Source Part No. 710014

Recommended Process:

DC GMAW - MIG
DC FCAW - Flux Cored MIG
DC GTAW - Lift TIG
DC MMAW - Stick

Optional Accessories:

| | |
|-----------------------|-----------------------|
| 4R Wirefeeder | Part No. 705700 |
| Tweco No 4 MIG gun | Part No. OTWX412/3545 |
| TWE 4 MIG gun | Part No. T161565367 |
| Work lead 8M | Part No. 705161 |
| Slide Control | Part No. OTD10/2004 |
| Hand Pendant | Part No. OTD10/2005 |
| Foot Control | Part No. OTD10/2007 |
| Hiderok Helmet | Part No. 453833 |
| Dinse Plug Connector | Part No. 704461 |
| TIG torch (4M) | Part No. 424720401 |
| Torch Accessories Kit | Part No. BGS AK2 |
| Gas Hose | Part No. 700433 |
| Flowmeter / Regulator | Part No. 301526 |
| Lead Set (8M) | Part No. 646325 |
| 14 Pin Plug | Part No. 7977710 |

ADVANTAGE CIGWELD



Standards compliant VRD, with visible ON/OFF LED

Digital touch pad control



Digital hot start, fully adjustable for optimum arc starting and restriking characteristics with all electrode types and diameters

Embedded digital microprocessor for functionality & control



- Digital preview & welding display
- Single index control knob
- Self diagnostic

Multi pin socket accepts:

- Torch slider control
- Remote foot control
- Remote pendant control

Exceptional arc characteristics and control.

Intelligent fan control operates on-demand



Designed for multi-layer stacking, with similar sized machines

Portable, ultra lightweight, heavy duty robust design & construction

Tested certified **fully compliant** with Australian Standards for EMC. AS 3652 and EN 5019



IP23 Case Design suitable for outside use

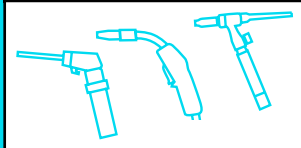
Generator friendly, suitable for use on appropriate engine driven equipment

Tropical Proofed for use in harsh environments

Voltage compensation, input line voltage

Thermal overload protection for long life of internal components

Programmable memory Save/Load and recall optimum welding parameters



| | | | | | | | | | |
|---|--|---|--|--|---|--------------|-----------|----------------|--------------|
| TRANSMIG 500i | Heavy Industrial | | | | 560 AMP | CC CV | DC | 3 PHASE | 415 V |
| SPECIFICATIONS | MINIMUM RECOMMENDED GENERATOR: | WIRE DIAMETER: | | | PACKED WEIGHT: | | | | |
| SUPPLY VOLTAGE: 380-415/460 volt 3 phase 50/60Hz | 33 kVA for maximum welding current | Hard 0.8-1.6mm | | | 72kg | | | | |
| SUPPLY LEAD: 32 amps | WELDING CURRENT RANGE: 5-560 amps | Soft 0.8-1.2mm | | | POWER SOURCE DIMENSIONS: H676mm x W378mm x D584mm | | | | |
| | DUTY CYCLES: 60% at 560 amps 100% at 450 amps | Cored 0.8-3.2mm | | | | | | | |
| | | WELDING ARC VOLTAGE RANGE: 10-44 volt | | | | | | | |
| | | DUTY CYCLE TEST PERIOD: 10 minutes | | | | | | | |

NEW



Part No. 710020 Power Source

The Transmig 500i is a heavy-duty inverter power source rated at 560 amps, 60% duty cycle. It has optimised, integrated electronic controls for constant current and constant voltage processes. These controls include Gas Tungsten Arc Welding (Lift TIG), Manual Metal Arc Welding (STICK), Carbon Arc Gouging (CAG), Gas Metal Arc Welding (MIG), and Flux Cored Arc Welding (FCAW). The Transmig 500i provides both 24 Volt and 110 Volt AC through a 14 pin and a 19 pin receptacle to power wire feeders and other accessories. The power source also provides auxiliary power of 110 Volt AC, 10 amp on the rear of the machine.

- Features:**
- ▲ Multi-process MMAW, GTAW, GMAW, FCAW, CAG
 - ▲ Heavy Duty Multi-process output for CC and CV
 - ▲ Energy saving technology with 90% efficiency
 - ▲ Embedded micro processor
 - ▲ Compact size, lightweight, excellent performance
 - ▲ Infinitely variable 5 to 560 amps
 - ▲ Electronic waveform control provides positive arc initiation and low spatter, even with CO₂
 - ▲ Exceptional DC welding characteristics & arc control
 - ▲ Digital volt meter/ammeter
 - ▲ Easy to use controls
 - ▲ 110 Volt/ 10 amp auxiliary power

Transmig 500i Power Source Contents:

Transmig 500i Power Source, Two Dinse Plug Connectors, Operating Manual

Transmig 500i Standard Plant:

Transmig 500i Power Source, Wheeling kit/Cylinder tray, 4R Wirefeeder, 15 metre Interconnection Cable, Supra XT MIG Gun (4M), Work Lead (12M), Regulator/Flowmeter, Two Dinse Plug Connectors, Operating Manual

Transmig 500i Heavy Duty Plant:

Transmig 500i Power Source, Wheeling kit/Cylinder tray, Transmig 4RHD Wirefeeder, 15 metre Interconnection Cable, Tweco No.5 MIG Gun (3.6m), Work Lead (12M), Regulator/Flowmeter, Two Dinse Plug Connectors, Operating Manual

Ordering Information:

| | |
|--------------------------------|-----------------|
| Transmig 500i Power Source | Part No. 710020 |
| Transmig 500i Standard Plant | Part No. 710043 |
| Transmig 500i Heavy Duty Plant | Part No. 710042 |

Optional Accessories:

| | |
|------------------------------|---------------------|
| 600A Welding Lead Set | Part No. 646387 |
| Regulator/Flowmeter | Part No. 301526 |
| Regulator | Part No. 310527 |
| Flowmeter | Part No. 301711 |
| Gas Hose Kit | Part No. 700433 |
| 250 Amp TIG Torch with Valve | Part No. 305720401 |
| TIG Torch Accessory Kit | Part No. BGS AK2 |
| Transmig 4RHD Wirefeeder | Part No. 706594 |
| VRF4 Wirefeeder | Part No. 705775 |
| Supra XT MIG Gun No.4 (4m) | Part No. SE4004M16 |
| Supra XT MIG Gun Euro (4m) | Part No. SE400X4M16 |
| Tweco No.5 MIG Gun (3.6m) | Part No. 717211 |
| 14 Pin Plug | Part No. 7977710 |
| 19 Pin Plug | Part No. 7977877 |

WIRE FEEDER OPTIONS

NEW



4R HD – 706754



VSF-2 – OTD12/1002



VAF-4 – 705700

NOTE: Refer page for interconnections and accessories.