

Transmig i Series

New Universal Digital Inverter GMAW
Welding Power Sources



Transmig digital GMAW welding power sources are easy-to-use multifunctional digital GMAW welders centrally controlled through an ARM chip that adjusts the welding output voltage and current waveform at high speed, delivering super arc stability, strong adaptability, little spatter and a wide range of parameter adjustment. Featured with multiple processes such as MMA, GMAW, Synergic GMAW and DPT, Transmig series can be applied in various heavy-duty applications in harsh working environments with outstanding performance.

- Versatile with digital control technology and continuous upgrade
- Reliable and consistent welding performance, high adaptability and a wide range of parameter settings
- Excellent striking, crater and deballing performance, with obvious differentiation
- Accurate synergic parameter preset guarantees stable and reliable welding process
- Three-stage parameter settings maximize welding adaptability
- Multiple automatic monitoring and outstanding triple-proof design further enhance the reliability of the whole machine
- DPT (Deep Penetration Transfer) provides top performance in thick plate welding
- First-class industrial design for a wide variety of applications

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Industries

- Shipbuilding & Offshore
- Engineering Machinery
- Steel Structure
- General Fabrication
- Automation



Transmig i Series

Specifications		
	Transmig 400i/400i-440V/400i-Ra	Transmig 500i/500i-440V/500i-Ra
Input Power	3 ph AC 380V±15%, 50/60Hz (3 ph AC 440V+/- 10% for 400i-440V/500i-440V)	
Rated Input Capacity (KVA)	17.2	24.7
Power Factor (%)	93	93
Rated VRD Voltage for MMA (V)	20±2	
Rated Output for MMA (A/V)	400/36	500/40
OCV (V) ± 5V	75	80
Rated Output for GMAW (A/V)	400/34	500/39
Welding Voltage (V)	10-34	10-39
Welding Current (A)	40-400	40-500
Feeding Speed (m/min)	1.5-22	1.5-22
Gas Regulator Heating Supply	AC36V (100W)	
Welding Process	MMA / GMAW / DPT	
Operating Temperature	-10°C ~ +40°C	
Storage Temperature	-25°C ~ +55°C	
Protection Class	IP21S	
Duty Cycle	500A/39.0V @60% , 390A/33.4V @100%	
Efficiency (%)	85	
Insulation Class	F	
External Dimension (mm)	760*360*710	
Weight (kg)	56.8	58

Ordering Information			
Transmig 400i power source	ICFC960100E	Transmig 500i power source	ICFC960140E
Transmig 400i-440V power source	ICFC960164	Transmig 500i-440V power source	ICFC960165
Transmig 400i-Ra power source	ICFC960166E	Transmig 500i-Ra power source	ICFC960167E

Options & Accessories							
	400i	500i	400i-440V	500i-440V	400i-Ra	500i-Ra	
Wirefeeder							
Transmig Feed 364a	•	•	•	•			ICFC960101E
Transmig Feed 304aw	•	•	•	•			ICFC960211
Transmig RobFeed 304R					•	•	ICFC960213
Cable							
Connect Cable set 5M/50mm ² /6pin	•		•		•		ICFC960104E
Connect Cable set10M/50mm ² /6pin	•		•		•		ICFC960105E
Connect Cable set15M/50mm ² /6pin	•		•		•		ICFC960106E
Connect Cable set 30M/50mm ² /6pin	•		•		•		ICFC960118E
Connect Cable set 50M/50mm ² /6pin	•		•		•		ICFC960119E
Connect Cable set 5M/70mm ² /6pin		•		•		•	ICFC960143E
Connect Cable set10M/70mm ² /6pin		•		•		•	ICFC960144E
Connect Cable set 15M/70mm ² /6pin		•		•		•	ICFC960145E
Connect Cable set 30M/70mm ² /6pin		•		•		•	ICFC960150E
Connect Cable set 50M/70mm ² /6pin		•		•		•	ICFC960151E
Robotic Integration Accessories							
Analog Communication Cable/10M/Transmig					•	•	ICFC960134E
Other Accessories							
Gas Regulator GCE/36V/Krass 0870290KR	•	•	•	•	•	•	ICFC960107
Earth Cable 50mm ² /3M	•		•		•		ICFC960102E
Input Power Cable 4X4mm ² /5M	•		•		•		ICFC960110
Earth Cable 70mm ² /3M		•		•		•	ICFC960141E
Input Power Cable 4X6mm ² /5M		•		•		•	ICFC960147

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Feed 364a



Feed 304aw



RobFeed 304R

Wirefeeder Accessories

	Feed 364a	Feed 304aw	RobFeed 304R	
Feed Roller				
FeedRoller/Feed304/ 0.8-1.0/V type		•	•	ICFC960238
FeedRoller/Feed304/ 1.0-1.2/V type		•	•	ICFC960239
FeedRoller/Feed304/ 1.2-1.6/V type		•	•	ICFC960240
FeedRoller/Feed304/ 1.0-1.2/U type		•	•	ICFC960241
FeedRoller/Feed304/ 1.2-1.6/U type		•	•	ICFC960242
PressureRoller/Feed304/Flat		•	•	ICFC960243
PressureRoller/Feed304/1.0-1.2/U type		•	•	ICFC960244
PressureRoller/Feed304/1.2-1.6/U type		•	•	ICFC960245
Inlet wire guide/steel/Feed304		•	•	ICFC960246
Middle wire guide/steel/Feed304		•	•	ICFC960247
Outlet wire guide/steel/Feed304		•	•	ICFC960248
Inlet wire guide/ALU/Feed304		•	•	ICFC960287
Middle wire guide/ALU/Feed304		•	•	ICFC960288
Feed Roller/Feed364/ 0.8-1.0/V type	•			ICFC960108
Feed Roller/Feed364/ 1.0-1.2/V type	•			ICFC960109
Feed Roller/Feed364/ 1.2-1.6/V type	•			ICFC960146
FeedRoller/Feed364/ 1.2-1.4/V type	•			ICFC960111
FeedRoller/Feed364/ 1.4-1.6/V type	•			ICFC960148
FeedRoller/Feed364/ 1.0-1.2/K type	•			ICFC960112
FeedRoller/Feed364/ 1.2-1.4/K type	•			ICFC960113
FeedRoller/Feed364/ 1.4-1.6/K type	•			ICFC960149
Inlet wire guide 2mm/Feed364	•			ICFC960114
Middle wire guide 2mm/Feed364	•			ICFC960115
Outlet wire guide 2mm/Feed364	•			ICFC960116
PressureRoller/Flat/Feed364	•			ICFC960117
Robotic Integration Accessories				
Inlet wire guide/RobFeed304R			•	ICFC960289
RobFeed 304R bracket			•	ICFC960605
Other Accessories				
Wheel Kit/Feed 304		•		ICFC960249
Torch holder/Feed 304		•		ICFC960250
MIG Torch TBI-350P/3M/Panasonic	•			ICFC960103
MIG Torch TBI-500P/3M/Panasonic	•			ICFC960142



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