

LIGHT DUTY MIG COMPOSITES

Tradesmig 300C & 350C



The Tradesmig 300C and 350C are three phase, industrially rated MIG/MAG welding machines which are both compact and robust in construction.

These machines are built with a strong galvanised metal casing to withstand the most demanding of industrial environments. Both machines can be fitted with a number of options such as V/A digital meters, air filters or a transformer for a CO₂ heater.

Both machines offer outstanding welding characteristics and are intended for welding with solid steel, stainless steel or aluminium wire as well as tubular wire with or without sheilding gas.

- Robust fully industrial MIG/MAG equipment
- Compact design with built in wire feed unit
- Powerful wire feed drive system for wire diameters up to 1.2mm
- Unsurpassed level of control provided by up to 40 (350C) voltage steps
- Two inductance outlets provide optimised arc control
- Small footprint makes both units ideal for production boothwork
- Polarity switching facility for cored wire applications
- Optional digital meters with last reading hold facility
- Excellent weld performance for mild steel, stainless and aluminium
- Spot welding timer control (300C)
- Torch switch latching control (350C)

Technical Specification

	Transmig 300C	Transmig 350C
Mains Voltage	400-415 V, 3~50/60Hz	400-415 V, 3~50/60Hz
Permissible load at		
100% duty cycle	150A/22V	195A/24V
60% duty cycle	190A/24V	250A/27V
30% duty cycle	280A/28V	340A/31V
Setting range (DC)	30A/15V – 280A/28V	40A/16V – 340A/31V
Open circuit voltage	15-38V	16-40V
Open circuit power	190W	240W
Efficiency	69%	77%
Power factor	0.97	0.95
Control voltage	42V, 50/60 Hz	42V, 50/60 Hz
Wire feed speed	1.9-19m/min	1.9-20m/min
Burnback time	0-0.25s	0-0.5s
Creep Start	-	OFF/ON
2/4 stroke	-	2/4
Spot welding	0-0.25s	-
Welding gun connection	EURO	EURO
Dimensions L x W x H	840 x 425 x 830mm	840 x 425 x 830mm
Weight	91kg	114kg
Operating temperature	-10 to +40°C	-10 to +40°C
Enclosure class	IP23	IP23
Application class	S	S

Ordering Information

Description	Part No
Transmig 300C Package	0701416523
Comprises:-	
Transmig 300C Power Source	0349307690
MXA 253B MIG torch 3m Lead	0701415030
Saffire 300 series 1ec	
Arc35L Regulator	0701282684
Transmig 350C Package	0701416524
Comprises:-	
Transmig 350C Power source	0349307660
MXA 363B MIG torch 3m Lead	0701415032
Saffire 300 series 1ec	
Arc35L Regulator	0701282684

Optional Extras

Description	Part No
Digital Meter Kit	0349302598
Work return lead	0701409320
Transmig 300C Feed roll	
1.0-1.2mm FCW	0367556006
Transmig 350C Feed roll	
0.6-0.8mm Fe, SS	0369557001
Transmig 350C Feed roll	
0.8-1.0mm Fe, SS	0369557002
Transmig 350C Feed roll	
1.0-1.2mm Fe, SS	0369557003
Transmig 350C Feed roll	
1.0-1.2mm FCW	0369557004
Transmig 350C Feed roll	
1.0-1.2 Al	0369557006

Typical areas of application

Agricultural engineers, structural steel, automotive, shipbuilding, offshore and general fabrication.

NOTE:

Both Power Sources are supplied with:
 3.5m return cable with return clamp.
 Gas cylinder shelf (fitted with 2 screws).
 Instruction manual.

