



Mig Mag Inverter - Basic - Compact Omega² 300 with Basic Panel



Omega² 300

Main Applications

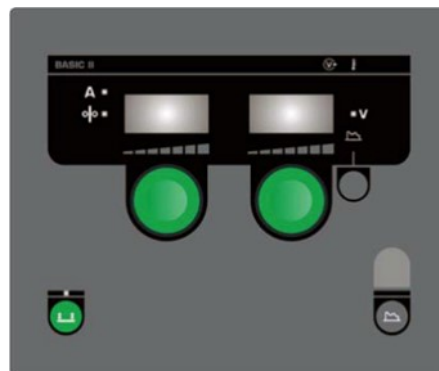
- Automotives and caroserie
- Repair and maintenance
- Car body repairs
- Outfitting in shipyards & offshore
- Sheet metal fabrication

Advantageous

- High duty cycle and output for heavy duty use
- Targeted for manual and manufacturing industries
- 4 roll wire feed system for safe feeding, also of the soft wires
- Diffusion safe gas hose prevents contamination of the shielding gas
- Energy saving, eco friendly, longer service life
- Intelligent Gas Control IGC[®], an optional features that give gas saving up to 50%, more cost effective
- Reversed polarity for welding with Inner Shield wire (without gas)

Specifications

Welding range	15 - 300 A
Welding current at 60 % - 40°C	195 A
Welding current at 100 % - 40°C	175 A
Open circuit voltage	52 V
Wire feed speed	18 m/min
Input phase	3 Phase
Main voltage, Tolerance	400 V, ± 15 %
Frequency	50 / 60 Hz
Rated power at max. current	9.1 KVA
Rated power at 100 %	5.3 KVA
Weldable Fe, Ss wire	0.8 - 1.2 mm
Weldable Cored wire	1.2 mm
Weldable Al	0.9 - 1.2 mm
Weldable CuSi	0.8 - 1.0 mm
Connection cable / fuse delayed	10 A
Efficiency	0.88
Power factor	0.93
Index protection	IP 23
Dimension (L x W x H)	640 x 250 x 550 mm
Weight	26 kg



Control Panel



Item Code	Item Name	MoQ
135.03.001.1	Omega ² 300 with Basic Panel - Mig Mag Inverter Standard Package	1 Set
135.03.001.2	Omega ² 300 with Basic Panel - Mig Mag Inverter Standard Package for Alu. • Omega ² basic panel - 1 Set • Kit MWF 1.0 V blue - 1 Set	1 Set

135.04.001.1
135.04.001.2

Item Code	Item Name	MoQ		
Standard Accessories				
135.03.001	Mig Mag Inverter - Basic - Compact - Omega ² 300 with Basic Panel	1 Unit	•	•
201.23.001	Argon Gas Regulator	1 Pcs		•
235.03.003	Plug to Ground Clamp 600 A, 50 mm ² at 3 m	1 Set	•	•

Standard Alternative

250.02.003.1	Mig Torch - Pro Mig 24 at 3 m long	1 Set	•	•
250.02.004.1	Mig Torch - Pro Mig 24 at 4 m long	1 Set	•	•
250.02.005.1	Mig Torch - Pro Mig 24 at 5 m long	1 Set	•	•
250.02.006.1	Mig Torch - Pro Mig 36 at 3 m long	1 Set	•	•
250.02.007.1	Mig Torch - Pro Mig 36 at 4 m long	1 Set	•	•
250.02.008.1	Mig Torch - Pro Mig 36 at 5 m long	1 Set	•	•
201.23.002	CO ₂ Gas Regulator	1 Pc	•	
201.23.003	CO ₂ Heater 220V Gas Regulator	1 Pc	•	
201.23.004	CO ₂ Fin Type Gas Regulator	1 Pc	•	

Optional Accessories

250.16.003.1	Teflon Liner - Blue Ø 0.8 - 1.0 mm at 5 m	1 Set		•
250.16.006.1	Teflon Liner - Red Ø 1.0 - 1.2 mm at 5 m	1 Set		•
235.01.004	Software IGC - Intelligent Gas Control	1 Set	•	•
235.13.003	Trolley	1 Set	•	•

General Accessories

201.22.009	Welding Helmet - Solarmatic Blue	1 Set	•	•
201.22.010	Welding Helmet - Solarmatic Red	1 Set	•	•
201.22.011	Welding Helmet - Solarmatic Green	1 Set	•	•
208.18.002	Torch Holder - MIG	1 Pcs	•	•
215.01.002.1	Metallotion Protec CE 15 L at 20 ltr Package	1 Liter	•	•
336.01.001	Antispatter Spray - Distac Weld 400 ml - Siliconi	1 Can	•	•
336.01.002	Antispatter Paste - Paste Welding 300ml - Siliconi	1 Can	•	•
336.01.003	Antispatter Spray - Ceramstak 400 ml - Siliconi	1 Can	•	•