



Mig Mag Inverter - FastMig Synergic KMS 500



KMS 500

Main Applications

- Heavy & medium metal fabrication
- Steel structure workshops
- Shipbuilding & offshore
- Chemical and process industry

Advantageous

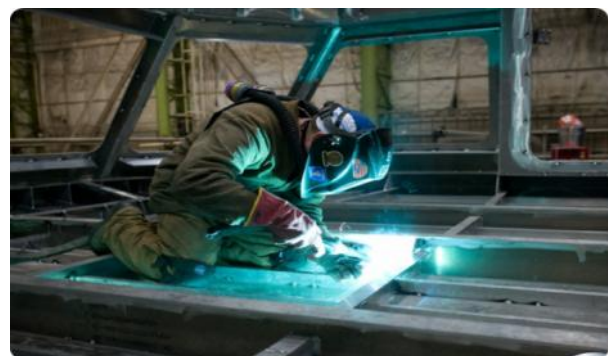
- The FastMig™ Synergic range is suitable for the MIG/MAG welding of all materials in the heavy and medium heavy metal industry
- The wire feed unit casings are designed for demanding conditions and different environments, shock proof, recyclable double plastic casings
- The power to weight ratio of the energy-saving FastMig™ Synergic power sources for 400 and 500 amperes is without peer
- A powerful engine with precise gears and power transmission guarantee an uninterrupted, reliable wire feed

Machine Specifications

Welding range MIG/MAG	10 V...42 V
Welding range MMA	10 A...500 A
Welding current at 60 % - 40°C	500 A / 39 V
Welding current at 100 % - 40°C	430 A / 35.5 V
Open circuit voltage	50 V
Input phase	3 Phase
Main voltage, Tolerance	400 V, -15... +20 %
Frequency	50 / 60 Hz
Rated power at 60 %	26.1 KVA
Rated power at 100 %	20.3 KVA
Connection cable / fuse delayed	4 x 6 S , 5 m / 35 A
Efficiency	87 %
Power factor	0.9
Index protection	IP 23 C
Dimension (L x W x H)	590 x 230 x 430 mm
Weight	36 kg

Wire Feeder MSF 57 Specifications

Working voltage	50 V DC
Rated power	100 W
Max. load at 60 % - 40°C	520 A
Max. load at 100 % - 40°C	440 A
Weldable Fe, Ss wire	0.6 ... 1.6 mm
Weldable cored wire	0.8 ... 2.0 mm
Weldable Al wire	1.0 ... 2.4 mm
Dimensions (L x W x H)	625 x 243 x 247 mm
Weight	12.5 kg



Item Code	Item Name	MoQ
102.06.002.1	KMS 500 - Mig Mag Air Cooled Package	1 Set
102.06.002.2	KMS 500 - Mig Mag Air Cooled Package for Alu	1 Set
	<ul style="list-style-type: none"> • Wire feeders MSF 57 • FastMig synergic - panel SF 53 • Gas hose with coupler 	

Item Code	Item Name	MoQ		
Standard Accessories				
102.06.002	Mig Mag Inverter - FastMig Synergic - KMS 500	1 Unit	•	•
202.12.003	Plug to Ground Clamp 600 A, size 50 mm ² at 3 m	1 Set	•	•
202.04.001	Interpass Cable size 70 mm ² at 3 m - Air Cooled - KMS 400 + 500	1 Set	•	•
201.23.001	Argon Gas Regulator	1 Pc		

Standard Alternative

203.04.001	Mig Torch - Ergoplus 36 at 3 m long	1 Set	•	•
203.04.002	Mig Torch - Ergoplus 36 at 4 m long	1 Set	•	•
203.04.003	Mig Torch - Ergoplus 36 at 5 m long	1 Set	•	•
203.12.007	Red Teflon Liner 5 m + Copper Liner - Aluminum Ø 1.0 - 1.2 mm	1 Set		•
203.12.008	Yellow Teflon Liner 5 m + Copper Liner - Aluminum Ø 1.2 - 1.6 mm	1 Set		•
201.23.003	CO2 Heater 220V Gas Regulator	1 Pcs	•	
201.23.004	CO2 Fin Type Gas Regulator	1 Pcs	•	
201.23.001	Argon Gas Regulator	1 Pcs	•	
202.15.017	1 Groove - Drawing, U Ø 1.2 Orange	2 Pcs		•
202.15.018	1 Groove - Pressing, U Ø 1.2 Orange	2 Pcs		•
202.15.015	1 Groove - Drawing, U Ø 1.0 Red	2 Pcs		•
202.15.016	1 Groove - Pressing, U Ø 1.0 Red	2 Pcs		•
202.15.021	1 Groove - Drawing, U Ø 1.6 Yellow	2 Pcs		•
202.15.022	1 Groove - Pressing, U Ø 1.6 Yellow	2 Pcs		•



Item Code	Item Name	MoQ		
Optional Accessories				
202.15.001	1 Groove - Drawing, V Ø 1.0 Red	2 Pcs	•	
202.15.002	1 Groove - Pressing, V Ø 1.0 Red	2 Pcs	•	
202.15.003	1 Groove - Drawing, V Ø 1.2 Orange	2 Pcs	•	
202.15.004	1 Groove - Pressing, V Ø 1.2 Orange	2 Pcs	•	
202.15.005	1 Groove - Drawing, V Ø 0.8 / 0.9 White	2 Pcs	•	
202.15.006	1 Groove - Pressing, V Ø 0.8 / 0.9 White	2 Pcs	•	
202.15.007	1 Groove - Drawing, V Ø 1.4 Brown	2 Pcs	•	
202.15.008	1 Groove - Pressing, V Ø 1.4 Brown	2 Pcs	•	
202.15.009	1 Groove - Drawing, V Ø 1.6 Yellow	2 Pcs	•	
202.15.010	1 Groove - Pressing, V Ø 1.6 Yellow	2 Pcs	•	
202.15.011	1 Groove - Drawing, Knurled Ø 1.2 Orange	2 Pcs	•	
202.15.012	1 Groove - Pressing, Knurled Ø 1.2 Orange	2 Pcs	•	
202.15.013	1 Groove - Drawing, Knurled Ø 1.4 / 1.6 Yellow	2 Pcs	•	
202.15.014	1 Groove - Pressing, Knurled Ø 1.4 / 1.6 Yellow	2 Pcs	•	
202.15.019	1 Groove - Drawing, Knurled Ø 2.0 Grey	2 Pcs	•	
202.15.020	1 Groove - Pressing, Knurled Ø 2.0 Grey	2 Pcs	•	
202.04.002	Interpass Cable size 70 mm ² at 10 m - Air Cooled - KMS 400 + 500	1 Set	•	•
202.04.003	Interpass Cable size 70 mm ² at 20 m - Air Cooled - KMS 400 + 500	1 Set	•	•
202.19.005	PM 500 for Fast Mig	1 Set	•	•
208.03.001	Plug to Electrode Holder 600 A, 70 mm ² at 5 m	1 Set	•	•
208.03.002	Plug to Electrode Holder 600 A, 70 mm ² at 10 m	1 Set	•	•
208.03.003	Plug to Electrode Holder 600 A, 70 mm ² at 20 m	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	•	•