

Kingstar MIG/MAG

Kingstar 400 TS

Kingstar 520 TS



Kingstar MIG/MAG - art. 372

Kingstar 400 TS

Three phase input	400V - 50/60 Hz +15% / -20%
Fuse rating (slow blow)	20 A
Input power	17,7 kVA 40% 15,7 kVA 60% 13,4 kVA 100%
Min.-max. current that can be obtained in welding	10 A - 400 A
Duty Cycle (10 min.40°C) According to IEC 60974.1	400A 40% 370A 60% 340A 100%
Stepless regulation	Electronic
Wire size that can be used	0,8/0,9/1,0/1,2/1,6 Fe 0,9/1,0/1,2/1,6 Al 0,8/0,9/1,0/1,2/1,6 Inox 0,8/0,9/1,0/1,2 Cu-Si 3% 0,8/1,0/1,2/1,6 Cu-Al8 (AlBz8) 1,2/1,6 Cored
Max. wire spool size	Diam. 300mm/15Kg
Electrodes that can be used	Diam. 1,5 – 6,0mm
Protection degree	IP 23 S
Weight	105 Kg
Dimensions mm (WxLxH)	588x1120x1372



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Kingstar 520 TS

Three phase input	400V - 50/60 Hz +15% / -20%
Fuse rating (slow blow)	40 A
Input power	24,7 KVA 40% 22,7 KVA 60% 19,8 KVA 100%
Min.-max. current that can be obtained in welding	10 A - 520 A
Duty Cycle (10 min.40°C) According to IEC 60974.1	500A 40% 470A 60% 440A 100%
Stepless regulation	Electronic
Wire size that can be used	0,8/0,9/1,0/1,2/1,6 Fe 0,9/1,0/1,2/1,6 Al 0,8/0,9/1,0/1,2/1,6 Inox 0,8/0,9/1,0/1,2 Cu-Si 3% 0,8/1,0/1,2/1,6 Cu-Al8 (AlBz8) 1,2/1,6 Cored
Max. wire spool size	Diam. 300mm/15Kg
Electrodes that can be used	Diam. 1,5 – 6,0mm
Protection degree	IP 23 S
Weight	118 Kg
Dimensions mm (WxLxH)	588x1120x1372



Kingstar MIG/MAG - features



New, compact, 4-rolls aluminum wire feeder with quick release and quick insertion rollers (diameter 37 mm), easily identifiable by type also thanks to a colour code system referring to the different diameters



Inverter Multiprocess power source MIG/MAG - TIG - MMA

- › A range of high performance multiprocess power sources, particularly suitable for high production applications.› Ottimizzato il rendimento del generatore di potenza della versione 400A che garantisce;
- › The 400A power source has been upgraded and has now a duty cycle of 340A @ 100% and 400A@ 40% (according to IEC 60974.1);
- › Devoted package of Welding Procedure Specifications (WPS) according to ISO 151612, which meets the qualification requirements of the procedures according to EN 1090-1;
- › A Spatter Reduction System (SRS) welding process has been added to the HD (High Deposit) and to the ROOT (first pass) processes in order to achieve completely spatter free welds and with reduced heat input (on mild steel and stainless steel up to 3mm thickness);
- › System calibration procedure, which allows, complete adjustment of all welding parameters and process variables, from the features of the welding torch, to the connecting cable used between the trolley and the power source;
- › Easily removable power source cooling grille, to facilitate and reduce the maintenance time;
- › Power source / wire feed connection with bayonet attachment in accordance with MIL-C-SS 116 standards that eliminates the problem of inserting and fixing the signal cable;
- › Integration of the T-LINK system, which brings to zero the delay times for the dimming of the light reactive welding mask worn by the welder. Thanks to the wireless transmission of data between power source and mask, it guarantees maximum operator eye protection and reduces eye fatigue;
- › The new hardware architecture of the power source allows the implementation of a web server, which through LAN connection and Wi-Fi connections, in addition to 2 USB ports, provides useful functions for remote service, diagnostics, information system, backup and data recovery etc, also for all those tasks that require data collection and processing;
- › The User Interface can be remotely controlled and can be managed through Personal Computer, Tablet and Smart Phone without the need to install other dedicated software.

features



Compact and lightweight wire feed unit with two 7-segment display and user friendly operator controls. In addition to the MIG/MAG Euro torch connection, there is also a devoted connection for a standard TIG torch

Second gas connection and additional dedicated solenoid valve when using the power source in TIG process.



Control panel positioned at the center of the machine, consisting of a 7" colour Touch Screen display with a simple encoder dial.

Remote control panel (Art. 437)

