


















# IQS-SERIES



## Process table

MIG-MAG											
Electrode											
TIG											

■ standard for all models  
 ▣ standard for certain models  
  optionally available

## Operation concepts



### Full Process

- "3-step to weld" operating concept
- Robust 7-inch touch display with replaceable protective film
- Hold function directly on the main display
- Convenient, intuitive menu navigation with different user interfaces
- Switchable end crater filling and TWIN option (can be set in the submenu)
- Arc dynamics control
- Quick Access menu
- WLAN connection / over-the-air update capability
- Compatible with all iQ-LMS torches



# TECHNICAL DATA



iQS 5

MIG-MAG	
- Welding range (in Amps)	25-400
- voltage setting	infinitely variable
Duty cycle	
- duty cycle 100% 40 °C (in Amps)	300
- duty cycle 60% 40 °C (in Amps)	400
- duty cycle at max. current 40 °C (in %)	60%
Feeder and wire	
- wire feed unit	4 rolls (4 driven)
- weldable wires steel (in mm)	0,6-1,6
- weldable wires aluminium (in mm)	1,0-1,6
Mains	
- mains voltage (in V)	380-480
- phases (50/60 Hz)	3~
- positive mains tolerance (in %)	10%
- negative mains tolerance (in %)	10%
- mains fuse (in Amps)	32
- mains plug	CEE 32
Dimensions and weights	
- dimensions (LxWxH) (in mm)	
- power source dimensions (LxWxH) A version (in mm)	1100x508x892
- power source dimensions (LxWxH) B version (in mm)	1100x508x1315
- Wire feed case dimensions (LxWxH) MF-09 (in mm)	688x241x419
- weight (in kg)	---
- weight, power source A-version gas-cooled (in kg)	97,0
- weight, wire feed case (MF-09) (in kg)	15,5
- weight, water cooling (filled) (in kg)	14,0
Standards and approvals	
- standard	EN 60974-01
- protection class (EN 60529)	IP23S
- insulation class	F
- designation	CE, S

## Versions

	
<b>A-system</b>	<b>B-system</b>
Mobile compact system with integrated wire feeder.	Separate wire feeder system with wire feeder in detachable wire feed case.