



# XuperMIG-Series

## *EnD0tec Edition*



The professional replacement of your step-switched MIG/MAG transformer system

- „Made in Germany“
- Easy to use
- Robust and practical
- Powerful performance
- For gas and water-cooled torches
- More flexible through program control + continuous regulation

# XuperMIG-Series

## EnDOTec Edition



### Wide range of applications

XuperMIG is suitable for sheet metal fabrication, steel construction, repair and maintenance. XuperMIG feeds all types of wires : solid wires (alloy steel, mild steel and stainless), aluminium alloys, cored wires for joining and coating in a wide range of diameters and for all applications and positions.

### Synergic pre-selection

XuperMIG offers welding programs for various material, wire and gas combinations.

### Upgradability

It has never been easier to adjust a welding system to the constantly changing requirements in the welding industry and to add on welding processes, welding programs and system upgrades.

### Castolin Synergic Welding Programs

The devices of the XuperMIG series are now additionally equipped with 10 new synergy characteristics for different EnDOTec and TeroMatec cored wire electrodes:



- EnDOTec DO\*23 1,2 mm
- EnDOTec DO\*351 1,2 mm
- EnDOTec DO\*500 1,2 mm
- EnDOTec DO\*11 1,6 mm
- EnDOTec DO\*33 1,2 mm
- EnDOTec DO\*481,6 mm
- EnDOTec DO\*80 1,6 mm
- EnDOTec DO\*267 1,2 mm
- Cored Wire EG 507S 1,2 mm
- TeroMatec 4660D 1,6 mm

TECHNICAL DATA		XuperMIG 3004 C*	XuperMIG 3004 DS*	XuperMIG 4004 C*	XuperMIG 4004 DS*	XuperMIG 5004 DS*
ESC // gas cooled		764998	765000	-	-	-
ESC // water cooled		764999	765001	765759	765002	765787
Welding range MIG/MAG		25–300 A	25–300 A	30–400 A	30–400 A	30–500 A
Voltage setting		infinitely variable	infinitely variable	infinitely variable	infinitely variable	infinitely variable
Duty cycle 10 min/40 °C:	100 %	200 A	200 A	300 A	300 A	370 A
	60 %	250 A	250 A	370 A	370 A	430 A
	max. current	45%	45%	45%	45%	45%
Weldable wires (Ø in mm)	Steel	0,6–1,2	0,6–1,2	0,6–1,6	0,6–1,6	0,6–1,6
	Aluminium	1,0–1,2	1,0–1,2	1,0–1,6	1,0–1,6	1,0–1,6
	CuSi	0,8–1,2	0,8–1,2	0,8–1,2	0,8–1,2	0,8–1,2
Mains voltage (± 15%)		3~400 V	3~400 V	3~400 V	3~400 V	3~400 V
Mains fuse		32 A	32 A	32 A	32 A	32 A
Protection class (EN 60529)		IP23S	IP23S	IP23S	IP23S	IP23S
Designation		CE, S	CE, S	CE, S	CE, S	CE, S
Dimensions (LxBxH in mm)	Power source	880 x 490 x 855	880 x 490 x 885	880 x 490 x 885	880 x 490 x 885	880 x 490 x 855
	Wire feeder	-	575 x 245 x 434	-	575 x 245 x 434	575 x 245 x 434
Weight	gas-cooled	58 kg	55 kg	-	-	-
	water-cooled	71 kg	68 kg	74 kg	71 kg	76 kg
Weight (Wire feeder)		-	10,6 kg	-	10,6 kg	10,6 kg

\* C = Compact device      DS = Device with separated wire feeder

### Also ask about suitable accessories, e.g. :

ESC	Designation	ESC	Designation
765003	Wire feeder DS-XM	765035	Feed roller U 0,8/1,0
765005	Connecting hose package, Gas, 5m	765037	Feed roller R, 1,2/1,6
765010	Connecting hose package, Water, 5m	301669	Pressure-reducer 200bar 0-32L/min
767683	Torch CastoPlus 506 W, 4m, water-cooled	300005	Adaptor for 15kg-spool
765015	Trolley DS-XM	765023	NFC upgrade card Aluminium synergic programs
765016	Torch holder	765024	NFC upgrade card CuSi and CuAl synergic programs