

GALA MIG 5100

INDUSTRIAL MIG/MAG WELDING.

Ref. 421.00.000

FT4210000V1-eng

29-07-09

Page: 1/2



GENERAL CHARACTERISTICS

Description:

MIG/MAG continuous adjustment power source of welding voltage by means of thyristorised electronic system. Independent winder.

Use:

Industrial use. MIG/MAG welding of normal steels, stainless steel and aluminium.

Electrical power supply:

3Ph. 230/400V -50/60Hz

Main advantages:

- Continuous welding voltage adjustment (from winder).
- Electronically controlled constant voltage.
- Modular installation system.
- Possibility of incorporating an cooling unit.
- Three reactance taps.
- Standard digital V-I
- Dual-voltage switch.
- Industrial screw "anticorrosion" connectors.

Intensities / duty cycle, equivalence:

425 A/60% 490 A/45% 520 A/40% 555 A/35%

TECHNICAL CHARACTERISTICS	GALA MIG 5100 Ref. 421.00.000
Input voltage U_1 (3 Ph. 50-60 Hz) (1)	230/400 V
Maximum absorbed power. P_{1max}	21.5 KVA
Maximum input intensity I_{1max}	59 A / 34 A
Effective maximum intensity I_{1eff}	41 A / 24 A
Power factor (Cos_{ϕ})	0.94
Continuous adjustment margin MIG/MAG $I_{2min}-I_{2max}$	20-425 A
Number of mig reactance taps	3
Mig welding intensity I_2 ED=100%	330 A
Mig welding intensity I_2 ED=60%	425 A
Parameter measuring system V-I	DIGITAL
Mechanical protection degree (IP class)	IP21
Ventilation	FORCED
Weight (without winder)	142 kg.
ACCORDING TO UNE-EN 60974. (1) Other values of supply voltage on-demand.	



Welding solutions

INNOVATING • MANUFACTURING • TRAINING • ADVISING

GALA MIG 5100






INDUSTRIAL MIG/MAG WELDING.

Ref. 421.00.000







FT4210000V1-eng

29-07-09

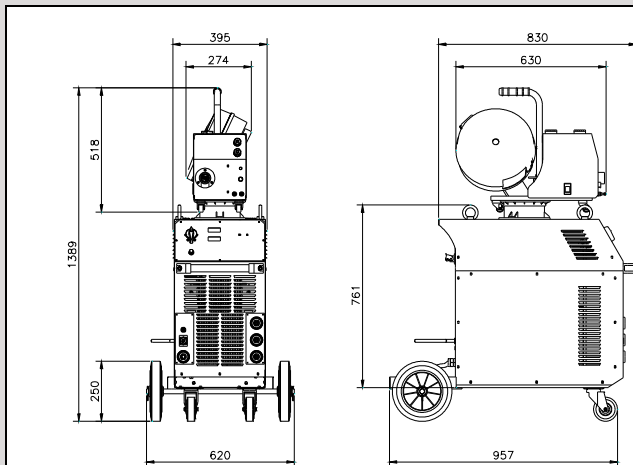
Page: 2/2








Power supply source	Bottle support	Cooling module	Extension cables	Wire feed unit	Torch
					
GALA MIG 5100 Ref: 421.00.000	Ref: 420.12.080		Ref: 638.00.000 (5 m; S=50 mm ²) Ref: 638.81.000 (10 m; S=50 mm ²)	D-20A Ref: 621.00.000 D-22C Ref: 629.00.000	MX 36 Ref: 23600004

AUTO-REFRIGERATED TORCH INSTALLATION

Power supply source	Bottle support	Cooling module	Extension cables	Wire feed unit	Torch
					
GALA MIG 5100 Ref: 421.00.000	Ref: 432.12.080	Ref: 634.00.000	Ref: 639.00.000 (5 m; S=70 mm ²) Ref: 639.81.000 (10 m; S=70 mm ²)	D-22C Ref: 629.00.000 D-20AR Ref: 622.00.000	MIG 511 refrigerated Ref: 885114M MX 501 refrigerated Ref: 25100004

REFRIGERATED INSTALLATION



	CIF A- 50 /045319 50.014 ZARAGOZA - SPAIN	GALA MIG
TYP: GALA MIG 5100 REF: 421.00.000		
UNE-EN 60974-1: 00		
20A / 15V - 425A / 35.25V		
	X	%
	I _{max}	I _{min}
	U _{max}	U _{min}
Cos phi = 0.94 (425A)		
	U _{230V}	I _{230V} = 53A
	U _{400V}	I _{400V} = 41A
IP 21		
	230 V	2 A



Welding solutions

INNOVATING • MANUFACTURING • TRAINING • ADVISING