

Gala Arc 800 A

INDUSTRIAL EQUIPMENT FOR AIR ARC AND HIGH CAPACITY WELDING MIG / MAG

434.82.000

FT43482000V0

21-07-2011

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ARC-AIR - MIG/MAG

GENERAL CHARACTERISTICS

Description:

Two high capacity industrial processes with a single power unit :

1- Air-cutting process via carbon electrode up to 10-13 mm. (800 A), which permits cleaning and weld gouging, and also perforating metals.

2- Semiautomatic welding process MIG / MAG..

Use:

High performance industrial use.

Alimentación eléctrica:

3Ph. 230/400V –50/60Hz

Main advantages:

- Electromechanical robustness. Guaranteed reliability..
- Cut-air with carbon electrode to 10-13 mm. (800 A)
- Up to Ø1.6 mm solid wire welding.
- Cooling system preinstallation.
- 40 welding voltage adjustment positions..
- Three reactance taps.
- Alta capacidad de trabajo (550 A/60 % - 800 A/30%)
- High working capacity (550 A/60% - 800 A/30%).
- IP 23 S mechanical protection.

TECHNICAL CHARACTERISTICS		Gala arc 800 A Ref. 434.82.000
Input voltage U_1 (3Ph. 50-60hz)(1)		230/400 V (1)
Effective maximum intensity I_{1eff}		59 A / 34 A
Maximum absorbed power		31/24 KVA (Cos Phi=.095)
Open-circuit voltage U_{2min} - U_{2max}		17 V ÷ 52 V
Welding intensity I_2	ED=100 %	425 A / 100%
	ED=60 %	550 A / 60 %
	ED=30 %	800 A – 30 %
maximum intensity Arc air		800 A / 30%
Carbon electrode		4 ÷ 13 mm
Continuous adjustment margin I_{2min} - I_{2max}		40 A ÷ 550 A
Staggered voltage control		4 X 10
Number of MIG reactance taps		3
Cooling system pre-installation		SI
Transport system		By default
Parameter measuring system		V-I Digital
Welding connectors		590A/60%;95 -120mm ²
Mechanical protection degree (IP class)		IP 23 S
Ventilation		Forzada
Weight		226 Kg.

(1) other voltages on request.. According to UNE-EN 60974.



Welding solutions

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ACCESSORIES FOR ARC-AIR

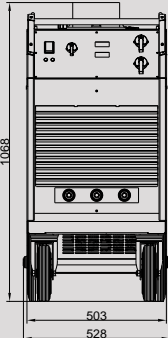
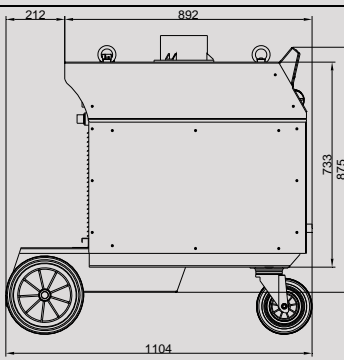




		Ref	Description
ARC-AIR CLAMP		47209	Flair clamp 1600 A (without cable)
		47210	Rotational cable 1600 A
		4729	Arc-air clamp 600 A (without cable)
		4705	Rotational cable clamp 600 A
CARBON ELECTRODE		49004105	Carbon electrode 6 mm
		49004103	Carbon electrode 8 mm
		49004104	Carbon electrode 10 mm

INSTALLATION GALA ARC 800 semiautomatic welding process MIG / MAG (without cooling system)

Power supply source Gala arc 800 A	Bottle support	Extension cables	Wire feed unit D-22C	Torch
				
Ref: 434.82.000	INCLUDED IN POWER SUPPLY SOURCE	Ref: 638.94.000 (12 m; S=95 mm ²)	Ref: 629.00.000	550 A / 60%

INSTALLATION GALA ARC 800 semiautomatic welding process MIG / MAG (with cooling system)

Power supply source Gala Arc 800 A	Soporte botellas	Cooling module	Extension cables	Wire feed unit D-22C	Torch
					
Ref: 434.82.000	INCLUDED IN POWER SUPPLY SOURCE	Ref: 434.12.059	Ref: 639.87.000 (5 m; S=95 mm ²) Ref: 639.89.000 (10 m; S=95 mm ²)	Ref: 629.00.000	MIG 511 cooled Ref: 885114M MX 501 cooled Ref: 25100004

		 CIF A- 50 / 0453 19 50.01 4 ZARAGOZA - SPAIN	Gala Arc	
		TYP: GALA ARC 800 A REF: 434.82.000		
		 UNE-EN 60974-1		
		43 A / 16.1 V - 550A / 41.5 V		
		 U_o 17-52 V	I₂ U ₂	60% 100% 550 A 425 A 41.5 V 35.2 V
		Cos phi = 0.95 (550A)		
		3 ~ 50/60 Hz	U₁ 230V 400V	I_{1max} = 76 A I_{1eff} = 59 A I_{1max} = 44 A I_{1eff} = 34 A
		IP 23 S		



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