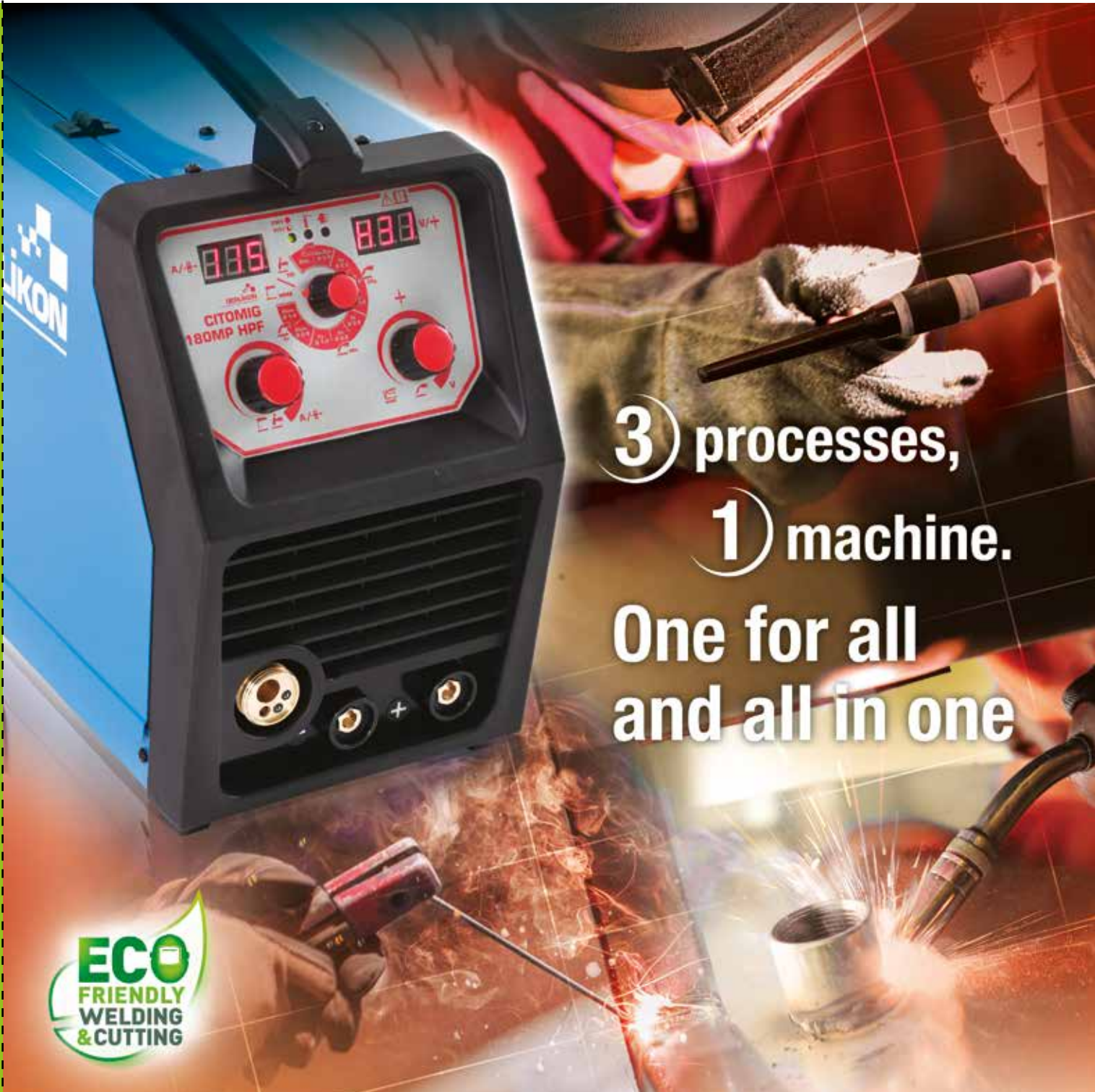


# ***CITOMIG 180MP HPF***



**3) processes,  
1) machine.**

**One for all  
and all in one**



# CITOMIG 180MP HPF

simplicity, reliability, portability and

rugg

The **CITOMIG 180MP HPF** is the perfect equipment adapted to every welding need: modular, single phase inverter, multi-voltage, generator compatible & compact. MMA and TIG LIFT welding modes are also available.



## 1 machine, 3 processes, use it everywhere !

### MMA:

- Rutile
- Basic and stainless steel electrodes
- Hot start
- Arc force
- Anti stiking device
- sockets 25 mm<sup>2</sup> (Ø 9 mm).

### TIG:

- DC welding possible with TIG Lift starting
- Use with valve torch
- Arc stop by lifting the torch.

### MIG/MAG:

**manual, synergic mode, 9 synergies:**

- Wire diameter, gas, carbon steel, aluminium
- Cored wire no gas
- Thickness, wire spool 200 mm
- European connector torch
- Slope-up, Burn-back time, mode 2T.

### Front panel interface:

Green LED: power indicator, steady ON with input 230V, blink with 115V

Yellow LED: thermal defect indicator (unit overheated),

Red LED: alarm indicator, ON with an over voltage, blinks with the output current > 180A

Digital meter: displays the preset welding parameter in idle mode and the output current value during welding

Digital meter: displays the preset welding parameter in idle mode and the output arc voltage during welding

Process control knob, TIG/MMA/MIG gas, no gas/Synergic MIG

Current (TIG/MMA)/ wire speed (MIG/ synergic MIG) control knob

Not active (TIG), Hot start (MMA), arc voltage (MIG manual), output power (synergic MIG) control knob

European connector torch

Socket 25 mm<sup>2</sup> (Ø 9 mm)



### Technical characteristics:

CITOMIG 180MP HPF						
Input voltages	115V +/- 10% - 50/60Hz - Single phase			230V +/-10% - 50/60Hz - Single phase		
Welding processes	MMA	TIG	MIG/MAG	MMA	TIG	MIG/MAG
Max. primary consumption	26 A	17.2 A	27 A	23 A	14.5 A	22 A
Effective consumption	16.5 A	11 A	16 A	10.3 A	6.6 A	11 A
Effective power	1.9 KVA	1.26 KVA	1.84 KVA	2.37 KVA	1.52 KVA	2.53 KVA
Welding current	20 - 100 A	5 - 110 A	30 - 120 A	20 - 170 A	5 - 170 A	30 - 180 A
Duty cycle 10 min. / 40 °C	at I <sub>max</sub> .	100 A / 40%	110 A / 40%	120 A / 35%	170 A / 20%	170 A / 20%
	at 60%	85 A	90 A	90 A	100 A	100 A
	at 100%	65 A	70 A	75 A	85 A	85 A
Open circuit voltage	80 V	9.5 V	60 V	80 V	9.5 V	60 V
Consumables (Ø electrodes/wires)	1.6 - 2.0 mm	1.0 - 1.6 mm	0.8 mm	1.6 - 4.0 mm	1.0 - 2.4 mm	0.8 - 1.0 mm
Protection degree	IP 22 S					
Isolation class	H					
Standard	EN 60974-1 / EN 60974-5 / EN 60974-10					
Dimensions (W x H x L)	215 x 390 x 550 mm					
Weight	16.0 Kg					

This equipment is designed for industrial and professional use only.

# edness for the application on site or in workshop

performance, easy to use, multi-skilled, simple, ergonomic, technical interventions, maintenance, optimal use, multi-skilled, performance, professional, parameters, optimization, repair, simple, ergonomic, technical interventions, maintenance, optimal use, easy to use.

## CITOMIG 180MP HPF

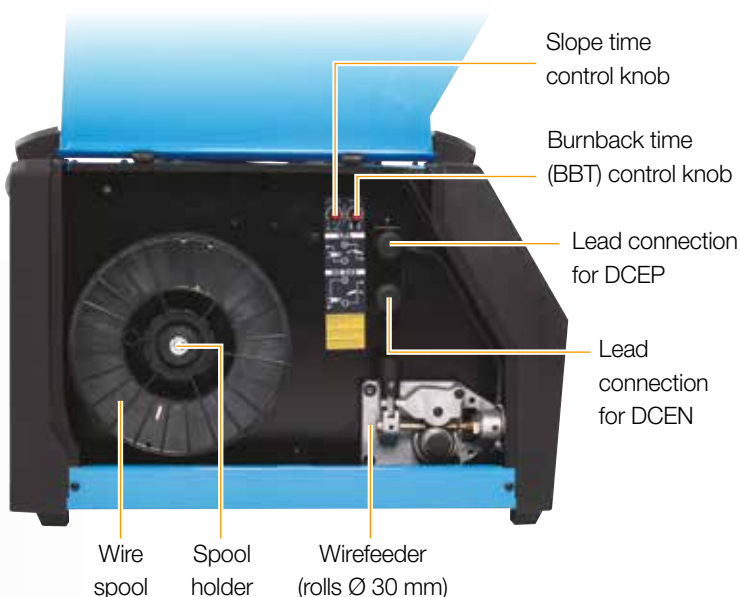
### Main specifications:

WARRANTY

**1** + **1** YEAR FREE WITH YOUR REGISTRATION



### Settings in the spool compartment:



Top performance under all conditions: whatever your application is, the CITOMIG 180MP HPF is the right partner for your efficient welding. With the large digital display, you can adjust the welding parameters very easily and with precision, or use the synergic curves available for most MIG/MAG welding applications, included the "self shielded" welding wire (no gas).

### To order:

CITOMIG 180MP HPF power source  
Cat. nr.: **W000386225**

### Options:

- Workshop universal trolley  
Cat. nr.: **W000375730**



### Torches:

#### MIG/MAG

- CITORCH M 181T (3 m long) with turnable neck to weld in all positions - Cat. nr.: **W000275424**



#### Kit MMA

- 25 C 25+  
Cat. nr.: **W000260683**



#### TIG

- WTT2 17V 4m  
Cat. nr.: **W000278880**



