



Origo™ Mig L405

Reliable and simple to use MIG/MAG unit

The Origo™ Mig L405 is a switch step power source, designed for use with the Origo™ Feed L304 wire feed unit.

The machines are designed for use in a wide range of general fabrications applications.

Key Features

- Low investment costs
- Robust, step-controlled MIG/MAG units
- 40 voltage steps
- 4-rolls wire feed mechanism
- 5m cable set
- Galvanized sheet steel housing
- Digital volt/ammeter
- Fitted wheels
- PSF 405 air cooled 400A MIG torch included



Technical Data	Origo™ Mig L405
Mains supply, V / ph	400/3
Fuse, slow, A	20
Setting range, A	50-400
Voltage steps	40
Inductance outlets	2
Dimensions, LxWxH, mm	812 x 552 x 935
Weight, kg (without cooling unit)	142
Weight, kg (with cooling unit)	156
Enclosure class	IP 23
Application class	S

Maximum output at 40°C	
Max current, A at duty cycle 50%	400
60% duty cycle, A	365
100% duty cycle, A	280

Package

Package part number 0464 500 001

Package consists of

Origo™ MIG L405 Power source	0349 313 090
Origo™ Feed L304	0459 495 882
5m interconnection cable, air	0459 532 881
PSF 405 3m air cooled torch	0458 401 882

Delivery Includes

Trolley with gas bottle shelf and safety chain, wire feeder pivot, 5m mains cable and 5m earth cable.

Ordering Information

Power source

Origo™ Mig L405 0349 313 090

Wire feeders

Origo™ Feed L304, open 0459 495 882

Connection cables

Air/water connection cable - mt. 1,7 0459 532 880

Connection cable, air - m. 5 0459 532 881

Connection cable, air - m. 10 0459 532 882

Welding torches

PSF™ 405, L = 3,0 m, self-cooled 0458 401 882

PSF™ 405, L = 4,5 m, self-cooled 0458 401 883

Accessories

Transformer kit for CO2 preheater

(42V – 50/60 Hz) 0349 302 451

Reinforcement for counterbalance device 0349 309 748

Pressure reducer with flux-meter 0000 973 096

Wheels kit for Origo™ Feed 304 0458 707 880

Strain relief for welding torch 0457 341 881

Lifting eye 0458 706 880

Quick connector for MarathonPac F102 440 880

Adapter for 5kg spool 0455 410 001

Counterbalance device 0458 705 880

Plastics spool cover 0458 674 880

Turning piece 0458 703 880

Complete hose kit, mt 1,7, to modify 0459 495 782/882

in water cooled version 0459 564 880

PSF™ and MXH™ welding torches wear parts

	PSF™ 405	PSF™ 510w
Swan neck straight 0°		0469 334 880
Self-cooled angled 45°		0366 389 880
angled 60°		0467 988 880
Gas nozzle conical		0458 465 883
Threaded standard		0458 464 883
With spatter protection straight		0458 470 883
Spatter protection		0458 471 004
Tip adaptor M6		0366 394 001
Gas diffusor M8, short		0366 394 002
Gas diffusor M8, long		0458 224 001

	CO2	Mix	PSF™ 405	PSF™ 510w
Contact tip	0,6	–		0468 500 001
M6 x 27 CuCrZr	–	0,6		0468 500 002
	0,8	–		0468 500 003
	0,9	0,9		0468 500 004
	1,0	0,0		0468 500 005
	1,2	1,0		0468 500 007
	1,4	1,2		0468 500 008
	1,6	–		0468 500 009
	–	1,6		0468 500 010
	2,0	2,0		0468 502 011
	2,4	2,4		0468 502 012



Origo™ Feed L304

- 4-roll wire feed
- Wire feed speed
- Wire burn-back time
- Spot-welding
- Creep start
- Voltage free inching of the wire
- Gas test
- 2/4 cycle torch controller

Technical Data	Origo™ Feed L304
Wire feed speed, m/min	1,5 - 22
Wire burn-back time, sec	0 - 0,7
Spot-welding time, sec	0,2 - 5,0
2/4 cycle torch controller	Yes
Creep start	Yes
No-current threading of the wire	Yes
Gas test	Yes
Dimensions, LxWxH, mm	569 x 259 x 355
Spool type, Ø mm/kg	300 / 18
Feeding rolls	4
Enclosure class	IP 23

Usable wire diameters, mm	
Mild and stainless steels	0,6 - 1,6
Cored wires	0,8 - 1,6
Aluminium	1,0 - 1,6

PSF™ and MXH™ welding torches wear parts (cont)

		PSF™ 405	PSF™ 510w
Steel liner	0,6 - 0,8		0366 549 882/3
For steel and cored wires	0,9 - 1,0		0366 549 884/5
	1,2		0366 549 886/7
	1,4		0366 549 888/9
	1,6		0366 549 890/1
	2,0 (4,5m)		0366 549 838



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