

Powered by inverter and digital technology, the NEOPULSE 400 is a MIG / MAG pulsed welding machine with a separate wire feeder. Designed for the highest performance level using the latest technology, It features 80 synergic curves and exceptional arc quality. All the welding cycle parameters are easily accessible and the NEOPULSE 400 can save 100 welding parameters. This welding machine offers the highest productivity and quality, with a high duty cycle (400A @ 60% to 40°C).

MULTI-PROCESS WELDING

- **MIG/MAG welding :**
 - steel, stainless steel and aluminium : Ø 0.8 to 1.6 mm
 - CuSi and CuAl : Ø 0.8 to 1.2 mm
- **MMA :** Basic rutiles and cellulosic electrodes (up to Ø 6 mm).

INTELLIGENT

- **80 synergic curves** ensure the highest welding performance for a wide range of materials, wire diameters and gas.
- **3 operator modes :** **EASY** (simplified module), **PRO** (complete module) and **GRAPH** (to access each welding cycle parameter).

In «Synergic» mode, the NEOPULSE automatically determines **the optimum welding parameters**, which can also be adjusted (wire speed, voltage, current, arc length).

OPTIMUM MIG/MAG SETTINGS

- **Welding processes :** Standard, Pulse, Pulse in Pulse, and Manual.
- **Trigger modes :** 2T, 4T, SPOT and DELAY.
- **Precise control over the welding cycle :** CreepSpeed, Softstart, Hotstart, Upslope, Downslope, Crater Fill, Postgas, etc.

MAXIMUM PRODUCTIVITY

Designed for heavy industry work with demanding requirements :

- **4 microprocessors** to give four times the processing power.
- **High duty cycle** (400A @ 60%).
- **Higher resistance and robustness of the electronics.**
- **Powerful electronically controlled wire feed motor (100 W)** with 4 active drive rolls.
- **High arc voltage** for easier ignition and exceptional arc dynamic.
- **100 memory slots** for all your welding parameters (can save on SD card).

ERGONOMIC

- **Large colour screen** for easy control of the welding cycle set up.
- **2 control knobs** for easy and intuitive navigation of the menus.
- **Updatable synergic settings** via the SD card.
- **Displays current/voltage** during and after welding (WPS/PQR).
- **Internal LED light** illuminating the wire feeder and wire reel.
- Smart cooling fan management system to reduce noise and dust absorption.

ROBUST AND MOBILE

- Reinforced metal case & non slip rubber pads.
- IP 23 protection rate.
- Interconnection cables (air or water cooled) up to 20m (optional).
- Settings can be adjusted remotely with either a digital or analogue remote control (optional).
- Wheels or support pads for enhanced mobility (optional).
- 4 rings/brackets for lifting/positioning.



Supplied without accessories



Complete pack

Steel / Stainless steel	Aluminum
ref. 032423	ref. 032460



NEOFEED 4L
032743



NEOCOOL
032750



Air cooled interconnection cable		Water cooled interconnection cable	
5 m	047587	5 m	047617
10 m	70 mm ² 047594	10 m	70 mm ² 047624
10 m	047600	10 m	047631
15 m	95 mm ² 038349	15 m	95 mm ² 038448
20 m	038431	20 m	038455



Cooling liquid
CORAGARD - 10 l
052246



Filter kit
046580



Earth clamp
600 A - 4 m - 70 mm²
043831



STEEL / STAINLESS STEEL		ALU	
air	water	air	water
450 A	500 A	350 A	500 A
4 m	4 m	3 m	3 m
045392	041004	040731	046160



Electrode holder
600 A - 5 m - 120 mm²
046542



Slinging/lifting support
036277



Trolley 10 m³
115 x 120 x 51 cm
032736



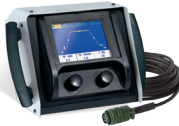
Drive rolls type C

Steel / Stainless steel	Ø 0.8 / 1.0	x2	042094
	Ø 1.0 / 1.2		042117*
	Ø 1.2 / 1.4	039780	
Alu	Ø 1.2 / 1.6		041752
	Ø 0.8 / 1.0		042148
Flux cored wire	Ø 1.0 / 1.2	x2	042162
	Ø 1.2 / 1.6		041776
	Ø 0.9 / 1.2	x2	042124
Ø 1.2 / 1.4	x4	047693	
		040519	

*Supplied with the NEOFEED 4L.



RC-HA2
Analogue remote control - 10 m
047679



RC-HD1
Digital remote control - 10 m
047662



Torch support
MIG Lift Pro
046429



Push-Pull Plus - 24 V
water
240 A (100%) - 8 m
038141

Polarity reversal cable - 1.6 m
033689



Regulator
30 l/min
041622
041219
041646

Wheel kit (wire feeder)
047020



Support pads (wire feeder)
047037



032774

50/60 Hz	A	A	A	X (40°C)	V	cm	kg	IP 23	Protected & compatible power generator (+/-15%)
400 V 3~	32	10 → 400	10 → 400	400A @ 60% 360A @ 100%	85	70 x 49 x 30	36	IP 23	30 kW 36 kVA



032743 (optional)

U ₁₁		U ₁₂		Ø mm		Ø mm		Electronic Control		m/min		EN 60974-5 (40°C)		Dimensions		Weight		IP	
GAS	NO GAS	200	300	100W	1.0	1.0	1.2	500A @ 60% 400A @ 100%	63 x 44 x 29	19	IP 23								
0.8	0.9	✓	✓		1.0	1.0	1.2	500A @ 60% 400A @ 100%	63 x 44 x 29	19	IP 23								
-	-				-	-	-												
1.6	2.4				22.0														



032750 (optional)

50/60 Hz	max	1 l/min (25°C)	l	MPa	cm	kg	IP 23
400 V 2~	2 A	1000 W	5.5	0.4	68 x 23 x 30	17	IP 23