

Designed to work exclusively with NEOPULSE power sources, the separate NEOFEED 4W wire feeder allows for very precise configuration and control of the welding cycle. Its intuitive digital interface makes it easy to act on the welding parameters. Its ultra-precise drive system offers industrialists maximum productivity on all types of materials.

MULTI-PROCESS WELDING

- **MIG/MAG:**
 - steel and stainless steel wire : Ø 0.6 to 1.6 mm
 - aluminium wire: Ø 0.8 to 1.6 mm
 - CuSi and CuAl wire: Ø 0.8 to 1.2 mm
 - Cored wire: Ø 0.9 to 2.4 mm
- **MMA DC / Pulse:** basic, rutile and cellulosic electrodes (up to Ø 6 mm).
- **TIG DC LIFT / PULSED.**

SMART

- **SYNERIC mode:** After entering 3 data (material/gas torque and wire diameter), NEOFEED automatically determines the optimal welding conditions and allows the adjustment of settings (wire feed speed, voltage, current, arc length).

ACCURATE

- **Calibration** of welding accessories and wire feeder speed, to adjust the displayed voltage measurement and refine the energy calculation.
- **Energy**, display and energy calculation after welding according to EN1011-1, ISO / TR 18491 and QW-409.
- **Portability:** load/save/transport from a USB key the user JOBS as well as the machine configuration.
- **Traceability:** trace/record all welding steps, seam by seam, during industrial production within the framework of EN ISO 3834.

OPTIMISED MIG/MAG SETTINGS

- **Welding processes:** Manual, Dynamic STD, Pulse, Arc Module (hot/cold current variation)
- **Scoring modes:** SPOT and DELAY.
- **Trigger management:** 2T and 4T.
- **Precise control over the welding cycle :** CreepSpeed, Softstart, Hotstart, Upslope, Downslope, Crater Fill, Postgas, etc.

MAXIMUM PRODUCTIVITY

- Designed for heavy and demanding industrial applications:**
- High productivity thanks to its high duty cycle (500 A @ 60%).
 - Powerful electronically controlled wire feed motor (100 W) with 4 active drive rolls.
 - Compatible air and liquid cooled torches.

ADVANCED INTUITIVITY

- New user friendly interface focused on welders' navigation habits.
- 2 control knobs for easy and intuitive navigation of the menus.
- Complete update of the machine and synergies by USB key.
- Storage of 500 welding programs (can be saved on USB stick).
- Displays current/voltage during and after welding (WPS/PQR)..
- Choice of the main parameter to display on the screen (wire speed, average welding current, etc.).
- Internal lighting of the motorized roll and wire reel.
- Viewing window on trapdoor to check the consumption of the filler wire.
- Compatible with torch Push-Pull (24V / 42V).
- Integrated torch support.

ROBUST AND MOBILE

- Reinforced metal case & non slip rubber pads.
- IP23 casing.
- Interconnection cables (air or water cooled) up to 20m (optional).
- Remote settings of the wire feeder using the 2 optional remote controls (digital or analogical).
- 4 rings for slinging.



Supplied without accessories



- 3 levels of user interface :
- Easy : simplified functionalities
 - Expert: full display
 - Advanced: full access to all parameters

NEOFEED 4W

Ref. 014527



TECHNICAL DATA

Power supply voltage		$U_{11} = 48 \text{ V} - 2 \text{ A}$
		$U_{12} = 24 \text{ V} - 1 \text{ A}$
Duty cycle factor	60 %	500 A
10 min/40°C EN 60974-1	100 %	460 A
Wire speed		1 - 22 m/min
Wire feeder motor		4 motor reels
Roller diameter		37 mm (Type F)
Original pebbles		steel/stainless steel (\varnothing 1.0/1.2)
Wires	\varnothing steel \varnothing stainless steel.	0.6 - 1.6 mm
	\varnothing Coated wire	0.9 - 2.4 mm
	\varnothing aluminium	0.8 - 1.6 mm
	\varnothing CuSi / CuAl	0.8 - 1.2 mm
Wire reels	weight / min. \varnothing	5 kg - 200 mm
	weight / max. \varnothing	18 kg - 300 mm
Protection class		IP23
Dimensions		630 x 440 x 290 mm
Weight		19 kg

ACCESSORIES & CONSULMABLES

 <p>NEOPULSE 320 C 062474 NEOPULSE 400 G 014497 NEOPULSE 500 G 014503</p>	 <p>Cooling unit NEOCOOL 032750</p>	 <p>Trolley T/M 400 037328</p>	 <p>Inter connection cables</p> <table border="1"> <thead> <tr> <th colspan="2">air</th> <th colspan="2">liquid</th> </tr> </thead> <tbody> <tr> <td>5 m</td> <td>70 mm²</td> <td>047587</td> <td>1.8 m 037243</td> </tr> <tr> <td>10 m</td> <td></td> <td>047594</td> <td>5 m 70 mm² 047617</td> </tr> <tr> <td>10 m</td> <td></td> <td>047600</td> <td>10 m 047624</td> </tr> <tr> <td>15 m</td> <td>95 mm²</td> <td>038349</td> <td>10 m 047631</td> </tr> <tr> <td>20 m</td> <td></td> <td>038431</td> <td>15 m 95 mm² 038448</td> </tr> <tr> <td></td> <td></td> <td></td> <td>20 m 038455</td> </tr> </tbody> </table>	air		liquid		5 m	70 mm ²	047587	1.8 m 037243	10 m		047594	5 m 70 mm ² 047617	10 m		047600	10 m 047624	15 m	95 mm ²	038349	10 m 047631	20 m		038431	15 m 95 mm ² 038448				20 m 038455
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 <p>Digital remote control RC-HD2 062122</p>	 <p>Communication cable 2.8 m - 063907 6 m - 063914 11 m - 036925</p>	 <p>Remote control analog RC-HA2 - 10 m 047679</p>	 <p>F-type rollers (x4)</p> <p>Cored wire: \varnothing 0.9/1.1 : 061927 \varnothing 1.2/1.6 : 061934 \varnothing 1.4/2.0 : 061941 \varnothing 1.6/2.4 : 061958</p>																												