

Designed to work with KRONOS and NEOMIG-i power sources, the WF 50 portable wire feeder has an impressive duty cycle of 60% at 500A. The 4 roller feed system and encoder controls provide a precise and smooth wire feed for all types of materials. The 5» colour screen is easily accessible and the interface is very intuitive, with 2 distinct display modes: Easy or Expert.

PERFORMANCE

MIG/MAG:

- steel and stainless steel wire: Ø 0.6 to 1.6mm
- aluminium wire: Ø 0.8 to 1.6mm
- CuSi and CuAl wire: Ø 0.8 to 1.6mm
- cored wire (inverted polarity): Ø 0.9 to 2.4mm

INTELLIGENT

- **Synergies:** Steel, AlMg, AlSi, CrNi, CuSi. After entering 3 pieces of data: Wire diameter, material/gas, and thickness of the workpiece, the product automatically determines the optimal welding parameters.
- **Full machine software and synergy updates** via USB stick.
- **Storage of up to 200 welding programs (Jobs)** for recurring tasks.
- **Portability function**, ability to load/save/transport user JOBS and machine configuration via USB stick.
- Traceability of all weld beads according to EN 3834.
- Calibration procedure for welding accessories allows adjustment of the voltage displayed to ensure parameter accuracy.
- User mode for allocating the product between several operators.
- Free online tool for interface customisation.
- Intelligent wire loading with torch length management.

SUPERIOR WELDING

- **Duty cycle 500 A** at 60%.
- 4 roller driven motor reel with digital encoder for perfect feeding.

ERGONOMIC

- Multilingual 5" colour interface.
- Compatible with air and liquid cooled torches with the MIG-i interconnection cable.
- Push-Pull torch connection option (078741).
- Led lighting of the feed motor and spool.
- Viewing window to monitor wire consumption.
- Large roller diameter (Ø 37mm) for optimal wire delivery.
- Quick-change rollers with no need for tools.
- Colour coded rollers to easily differentiate wire diameter.
- Optional flowmeter kit (073395) for precise control and regulation of the gas flow of the torch.
- Easy access to interconnection cable terminals with locking system.

ACCESSORIES (optional)

MIG-i interconnection cable

Liquid		Air	
1.8 m	075467	5 m	075443
5 m	70 mm ² 075474	10 m	70 mm ² 075450
10 m	70 mm ² 075481	10 m	95 mm ² 077553
	95 mm ² 075504		



Easy navigation even when wearing welding gloves.

Type F rollers

Steel / Stainless		Aluminium		Cored wire	
Ø 0.6 / 0.8	061859	Ø 0.8 / 1.0	061897	Ø 0.9/1.1	061927
Ø 0.8 / 1.0	061866	Ø 1.0 / 1.2	061903	Ø 1.2/1.6	061934
Ø 1.0 / 1.2	061873	Ø 1.2 / 1.6	061910	Ø 1.4/2.0	061941
Ø 1.2 / 1.6	061880			Ø 1.6/2.4	061958

U1	Gas	Cored wire	200	300	Electronic control	m/min	Original rollers	EN 60974-5 (40°C)	IA (60%)	cm	kg	IP
48 V DC	0.6 → 1.6	0.9 → 2.4	✓	✓	100 W	1.5 → 20	1.0 1.2	500 A	58 x 26 x 48	14.5	IP23	