

The **NEOCUT 105** is a plasma cutter with a duty cycle of 100% at 105 A for cutting work up to 50 mm thick in industrial environments. It is equipped with automatic air pressure management, in all modes, offering optimum cutting quality throughout the lifespan of the consumables. Can also be connected to a cutting table, its «Marking» mode is perfect for tracing and identifying parts.

SYNERGISTIC AIR PRESSURE

- Automatic management of pressure and air flow rate whatever the torch length and the operating mode (cutting, gouging and marking)
- Optimised consumable lifespan

MAXIMUM PRODUCTIVITY

- Duty cycle 100% A at 105 A (40°C).
- Marking mode, ideal for tracing and identifying parts.
- Cuts all material types (mild, stainless, tempered, HLE), aluminium, copper, etc.
- Optimized cooling design to operate in an industrial environment.
- Connectable via an optional CNC kit for use on an automated cutting table.
- Reinforced structure IP 23.



SIMPLE TO USE

- User friendly interface with OLED display (7 languages).
- 6 modes: Cutting, Cutting with locked trigger, Gouging, Gouging with locked trigger, Cutting of perforated sheets, Marking.
- Meter for checking the wear of the consumables (tip and electrode).
- Pneumatic diagnosis (moisture presence test and compressor control).
- HF-free ignition to prevent disturbances that could damage nearby electronic equipment.
- Simplified software update via USB cable without any tools or disassembly.

HIGH-PERFORMANCE TORCH

- Premium torch available in 2 lengths and 2 shapes (manual and straight for automation)
- Large choice of consumables adapted to all thicknesses.
- Designed to be shock and heat resistant.
- Quick connection/disconnection of the torch, no tools required for transport or maintenance.
- Easy to use trigger mechanism for added comfort.



| Supplied with : |  4 m 16 mm ² |  MT 125 6 m |
|-----------------|---|---|
| ref. 063044 | ✓ | - |
| ref. 063112 | ✓ | ✓ |



Multilingue intuitive interface



ACCESSORIES & CONSUMABLES (options)

For use on cutting table:

| | | | |
|---|---|---|---|
|  |  | + |  |
| CNC-1 Analogic kit | CNC-2 Digital Kit | | AT-125 automatic torch |
| 039988 | 064737 | | 6 m 12 m 038479 039520 |

| |
|---|
|  |
| Consumables box |
| 45 - 65 - 85 A 85 - 105 A |
| 039537 064720 |

| |
|---|
|  |
| Sack truck |
| 039568 |

| |
|---|
|  |
| Filter kit |
| 046580 |

| 50/60 Hz | A | I ₂ A | mm (max) | | | | Gouging Withdrawal rate | AIR SYSTEM | | EN 60974-1 (40°C) X (40°C) | cm | kg | IP | Protected & compatible power generator (+/-15%) | | |
|-------------|----|---------------------|----------|---------|-----------|---------|----------------------------|-------------------|--------|----------------------------------|-----|--------------|-----------------|---|-------|-------|
| | | | Piercing | | Clean cut | | | Pressure (bar) | L/min | | | | | | | |
| | | | Fe | Al/CrNi | Fe | Al/CrNi | | | | | | | | | | |
| 400 V 3~ | 32 | 20 → 105 | 20 | 18 | 35 | 30 | 50 | 40 | 8 kg/h | 5 → 9 | 305 | 105 A @ 100% | 69 x 40 x 61 | 33 | IP 23 | 30 kW |