IMS PLASMA NEOCUT 105
PLASMA CUTTER (20 ▷ 105A)
Ref. 065840 / Ref. 063457

ims **PRO**

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 mm²	MT 125 6 m
ref. 065840	✓	-
ref. 063457	✓	✓

Multilingue intuitive interface

ACCESSORIES & CONSUMABLES *(options)*

For use on cutting table:

CNC-1 Analogic kit	CNC-2 Digital Kit	+	AT-125 automatic torch	Consumables box 45 - 65 - 85 A	85 - 105 A	Sack truck	Filter kit
039988	064737		6 m 038479 / 12 m 039520	039537	064720	039568	046580

50/60 Hz	AM	I₂	⬇ mm (max)						Gouging	AIR SYSTEM		EN 60974-1 (40°C)	⬍	⚖	IP	Protected & compatible power generator (+/-15 %)
			Piercing		**Clean cut**		**Separation**		Withdrawal rate	Pressure (bar)	L/min	X (40°C)	cm	kg		
	A	A	Fe	Al/CrNi	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

CE - EN 60974-1   **www.ims-welding.com**   MADE in FRANCE