NEOCUT 70 T400

Ref. 083448 (without torch)

GYS
INVEST IN THE FUTURE

The NEOCUT 70 plasma cutter combines performance and mobility to handle all cutting requirements up to a thickness of 35 mm. It features a fully automatic air pressure management system to ensure clean and precise cutting, as well as a dedicated marking mode. Ready for integration into an automation system, it offers native cutting table connection via two standard connectors. The colour interface is unique to the plasma cutter market, and facilitates easy set-up and adjustment, providing unparalleled user experience.

SYNERGIC AIR PRESSURE

■ **Automatic air pressure and flow management** to deliver impeccable cutting results and extend the life of consumables.
■ **2 display modes available:**
- Material/Consumable selection: to keep the same consumable used, no matter the thickness you need to cut.
- Material/Thickness Selection: optimises cutting time for maximum efficiency.

CNC FUNCTIONALITY

■ **2 pre-installed CNC connectors** (analogue and digital), compatible with major brands of cutting tables.
■ Voltage divider can be easily adjusted from the HMI.
■ Charts available on-screen, indicating cutting speed and height.
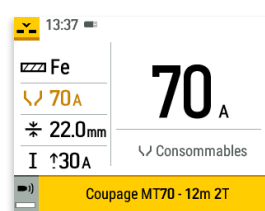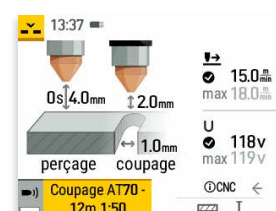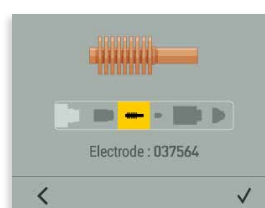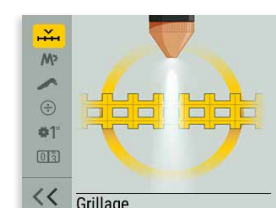
EASY TO USE

■ **New intuitive, multilingual 3.5'' HMI.**
■ **5 operating modes:** Cutting solid sheet metal, Cutting perforated sheet metal with continuous arc, Marking, Gouging, and Spot (piercing points).
■ **2T or 4T trigger mode** for performing lengthy cuts manually.
■ **HF-free ignition** to avoid interference with nearby electronic equipment.
■ **Consumable usage indicator** (nozzle and electrode).
■ Consult consumable part number referencei directly from the HMI.
■ **Pneumatic diagnostics** with alerts and air network management.
■ System update via USB stick.
■ Job memory for recurring applications.

RELIABLE AND ROBUST

■ Filters air to extend the life of consumables.
■ Optimised cooling for use in industrial environments.
■ Reinforced casing with pads for greater resistance to jolts and bumps from handling.
■ IP 23S dust protection.
■ Generator compatible (recommended power: 15 kW).
■ Compact size, designed for easy transport and on-site integration.

CNC
14 pin
5 pin

Supplied with

Earth clamp
4 m - 10 mm²

Manual synergetic cutting

Diagrams for cutting table

Compatible consumables

Choice of operating mode

ACCESSORIES & CONSUMABLES (options)

MT-70 Manual torch without consumables	Consumable box MT-70	AT-70 Automatic torch without consumables	AT-70 mini Automatic torch without consumables	Digital / analogue control cable 15 m
75°		240 mm	110 mm	
		50 A at 100 %	50 A at 100 %	
6 m | 12 m		6 m | 12 m	6 m	
037502 | 037519	037540	037526 | 037533	071865	084643

50/60 Hz	↕	⊣AM⊢	I₂	Cutting capacity in mm (max.)						Gouging	Air		EN 60974-1 (40°C)		↕	🛆	IP	Protected & compatible power generator (+/-15 %)
				Piercing		**Clean cut**		**Separation**		Removal rate	Pressure	Flow rate	**Cutting**					
		A	A	Fe	Al/CrNi	Fe	Al/CrNi	Fe	Al/CrNi		bar	L/min	IA (60 %)	100 %	cm	kg		
400 V - 3~	5 m	16	20 → 70	15	12	25	18	35	25	4 kg/h	5 → 9	355	70 A	55 A	52.5 x 26 x 45.5	21.5	IP 23S	15 kW

$C\epsilon$ - EN 60974-1

Made in France