

The NEOCUT 45 plasma cutter combines performance and mobility to handle all cutting requirements up to a thickness of 30 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. FV technology dampens voltage fluctuations and optimises energy consumption.

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 reference directly from the HMI.
- **Pneumatic diagnostics** with alerts and air network management.
- Dedicated compartment for storing consumables.
- System update via USB stick.
- Job memory for recurring applications.

RELIABLE AND ROBUST

- Filters air and automatically removes moisture 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: 10.5 kW).
- Compact size, designed for easy transport and on-site integration.

ACCESSORIES & CONSUMABLES (options)

MT-70
Manual torch
without consumables



6 m	12 m
037502	037519

Consumable box
MT-70



061613

AT-70
Automatic torch
without consumables



240 mm	
50 A at 100 %	
6 m	12 m
037526	037533

AT-70 mini
Automatic torch
without consumables



110 mm	
50 A at 100 %	
6 m	
071865	

Digital / analogue
control cable
15 m



084643

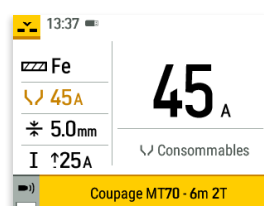


CNC
14 pin
5 pin

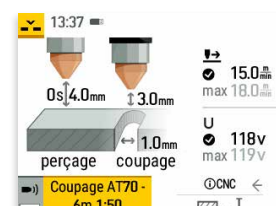
Supplied with



Earth clamp
4 m - 10 mm²



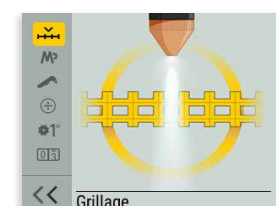
Manual synergetic
cutting











Diagrams for cutting
table



Compatible
consumables



Choice of operating
mode

			I ₂	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					
				Fe	Al/CrNi	Fe	Al/CrNi	Fe	Al/CrNi					I _A (60 %)					100 %
50/60 Hz		A	A	Fe	Al/CrNi	Fe	Al/CrNi	Fe	Al/CrNi		bar	L/min	I _A (60 %)	100 %	cm	kg			
230 V - 1~	5 m	20	15 → 45	12	10	25	15	30	20	3.3 kg/h	5 → 9	355	41 A	32 A	43 x 22 x 38	14.3	IP 23S	10.5 kW	