



GYS CUTTER 45 CT SINGLE-PHASE PLASMA CUTTING

Reference: 013629

GYS CUTTER 45 CT SINGLE-PHASE PLASMA CUTTING

GYS CUTTER 45 CT SINGLE-PHASE PLASMA CUTTER: Power, Precision and Robustness for Professional Cutting

The GYS CUTTER 45 CT is a 45 A single-phase plasma cutting machine designed to deliver excellent performance, robustness and ease of use in a variety of cutting applications. With its advanced technology, large cutting capacity and robust construction, the CUTTER 45 CT is the ideal choice for professionals and experienced hobbyists.

Key features:

High cutting performance:

Cutting capacity up to 15 mm thickness on a variety of materials, including steel (mild, stainless, hardened, HLE), aluminium, copper and more.

Higher cutting speed than oxyacetylene cutting for greater efficiency.

Advanced technology:

HF-free pilot arc starting system for longer consumable life and superior cutting quality.

PFC technology for better mains utilisation and energy savings of up to 30%.

Robustness and reliability:

Reinforced body and anti-slip feet for increased stability and durability in harsh environments.

IP23-rated casing to resist dust and moisture.

Detachable torch for easy transport and maintenance.

Safety button mechanism for safe use.

Ease of use:

Intuitive control panel with 3 working modes (solid sheet, perforated sheet, clamping) and manual air pressure adjustment.

HF-free trigger to avoid interference with nearby electronic equipment.

Compatible with CNC kit for automated table cutting.

Portability:

Compact and lightweight design for easy transport and storage.

Ergonomic handle for comfortable carrying.

Technical specifications:

Supply voltage: 230 V - 110 V

Mains frequency: 50/60 Hz

110V I2: 15 - 30 A

230V I2: 15 - 45 A

Perforation:

110V Fe: 5 - Al/CrNi - 3

230V Fe: 8 - Al/CrNi - 5

Net Cut:

110V Fe: 10 - Al/CrNi: 8

230V Fe: 15 - Al/CrNi: 10

Breakaway:

110V Fe: 15 - Al/CrNi: 10

230V Fe: 20 - Al/crNi: 15

Air System

110V - 230V Input Pressure (bar) 5.5 - 7

110 V: L/min: 115

230 V: L/min.: 185

Reference standards:

EN 60974-1 (40°C)

Weight: 15 Kg

Degree of protection: IP 23

Product dimensions: 480 x 370 x 230 mm

Absorbed power: 10 Kw

thickness capacity

gap: 20 mm

net cut: 15 mm

Perforation: 8 mm

Looking for a portable plasma cutting machine with different features? [HERE](#) you can find the entire GYS range or other specialised brands

Images and technical data are not binding and may be subject to revision by the supplier

Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	110 / 230
Protection degree	IP23
Product dimensions (mm)	480 x 370 x 230
Video	f3180AKjIRk
Maximum input power (kW)	10.5
EN 60974-1 (40°C) 110V	X (40 °C): 21 A @ 60 %

EN 60974-1 (40°C) 230V

X (40 °C) : 41 A @ 60 %