



## 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 %

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EN 60974-1 (40°C) 230V

X (40 °C) : 41 A @ 60 %

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