



OVERVOLTAGE  
PROTECTION



WORK WITH WEAK  
POWER NETWORKS



ADAPTIVE COOLING



IGBT  
TECHNOLOGY



HOUSEHOLD CHAIN



TWO-STROKE /  
FOUR-STROKE  
MODE

IP23

# PRO SERIES

**PATON ProCUT-40 plasma cutting machine** is designed for manual cutting of metals and alloys with a plasma arc in the air stream. This machine of the «Professional» series is powered by 230 single-phase mains, has a big color LCD screen with a multilingual interface, and has an increased duty cycle. A pneumatic ignition system makes it possible to use this machine in the sensitive to electromagnetic vibrations environment.

## Features and Benefits:

- Peak overloads protection system.
- High duty cycle at rated current.
- Increased reliability of the machine in the conditions of dusty production.
- Big color LCD screen for easy machine setup.
- Presence of a pilot arc for better ignition of the main arc.
- Pneumatic ignition system.
- The plasmatron protection system that avoids machine work in case of insufficient air pressure.

**THERMACUT**  
THE CUTTING COMPANY



**1** year  
warranty

# PROCUT-40 DC CUT

## TECHNICAL SPECIFICATIONS

### PARAMETERS:

	ProCUT-40
Rated supply mains voltage 50Hz, V	230
Rated current consumption from the mains phase, A	30
Rated cutting current, A	40
Duty cycle	70% at 40A / 100% at 33A
Power supply voltage range, V	185 – 250
Cutting current control range, A	15 – 40
Maximum thickness of metal cut, mm	12
Operating air pressure range, MPa	0,5 - 0,55
Air flow, l / min	not less than 135
Plasma ignition voltage, V	270
Rated power consumption, kVA	5,2
Maximum power consumption, kVA	6,6
Efficiency, %	90
Cooling	Adaptive
Overall dimensions, LxWxH, mm	470 x 200 x 320
Standards	EN IEC 60974-1
Insulation class	H
Weight, kg	11,3
Protection class	IP 23

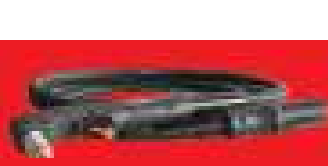
### DELIVERY SET ProCUT-40:

Fitting for quick-release gas hose

Welding cable with ABICOR  
BINZEL «ground» terminal

FHT-EX45TTH TCS13, 5m  
plasmatron

PATON branded  
corrugated box



# COMPLETE