

THOR 41K PFC



TEST GAS	MOTOGEN.	SAFETY BUTTON	CE CERT.	61000-3-12 60974-10 60974-1	61000-3-12 Green Welder
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INCLUDED

Inverter 1Phase PFC Plasma Cutting



PFC Multi-Link™

WARRANTY YEARS 2

Made in ITALY

Technical Data THOR 41K PFC

Voltage Range	150 V → 290 V
Main Voltage	230 V
Phase	1
Frequency	50/60 Hz
Real Current (35%)	9,5 A
Real Power (35%)	2,2 KVA
Power Factor	0,99
Efficiency	74 %
No Load Voltage	250 V
Current Range	15-30 A
Cutting Current 40% (25°C)	30 A
Cutting Current 100% (25°C)	27 A
Cutting Current 35% (40°C)	30 A
Cutting Current 60% (40°C)	26 A
Cutting Current 100% (40°C)	25 A

Features THOR 41K PFC

Earth Cable	16 mm ²
Degree of Protection	IP 23
Insulation Class	H
Work Temperature	40°C
Safety Approved	
Length/Width/Height (mm)	580x190x405
Weight	23,8 Kg

The data is measured at an environment temperature of 40 °C

The technology "Check Consumables" warns the operator when consumables are ready for replacement, therefore avoiding damage to torch.

Due to the PFC feature, the Plasmacutter Thor 41K PFC can cut connected to any 1Phase plug world wide, working from 90 to 290 V without modifications. The Air Compressor incorporated with the Inverter makes cutting possible without the use of large external industrial compressors.

Portable and compact, the THOR 41K PFC can be utilized in various areas, site-work, buildings and plumbing, fabrication work-shops and car body repairs. Simple operating use, fast cutting speeds.

CUTTING THICKNESS

8mm Recommended Quality Cut (500mm/min)	10mm Quality Cut (250mm/min)	12mm Maximum Separation
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PIERCE RATING OF 6mm

The declared cutting data are equal with internal or external compressor

Materials	Welding Process	Environments	Main Features
<ul style="list-style-type: none"> Mild Steels Stainless Steels Castings Aluminum and Alloys Copper and Alloys 	<ul style="list-style-type: none"> Plasma Cutting 	<ul style="list-style-type: none"> Light Fabrications Special Maintenance Ordinary Maintenance Maintenance Building and plumbing Electricians and installers Workshops 	<ul style="list-style-type: none"> Inverter Technology Ease of operation Test Gas Reset Incorporated Compressor Fireproof plastic PFC Consumables Check