

Thor 31-41 PFC *Autosensing*

High performances and Safety

Technical Data Thor 31 Thor 41 AS

Main Voltage	230/240 V	230/240 V
Phase	1	1
Frequency	50/60 Hz	50/60 Hz
Real Current (60%)	-	-
Real Power (60%)	-	-
Power Factor	-	-
No Load Voltage OCV	-	-
Current Range	15-30 A	15-30 A
Cutting Current 30% (25°C)	-	-
Cutting Current 100% (25°C)	-	-
Cutting Current 20% (40°C)	30 A	30 A
Cutting Current 60% (40°C)	-	-
Cutting Current 100% (40°C)	-	-

Features Thor 31 Thor 41 AS

Earth Clamp + Cable	16 mm ²	16 mm ²
Degree Protection	IP 23	IP 23
Insulation Class	H	H
Work Temperature	40°C	40°C
Length/Height/Width (mm)	430x160x350	430x160x350
Weight	-	-

The data are determined at an environment temperature of 40 °C



Made in ITALY

The THOR range is composed of a series of INVERTER Power Sources for plasma cutting. The use of the original 1Torch guarantees the maximum performance in cutting. The RESET switch offers added safety to the operator.



MATERIAL	QUALITY CUT		SEPARATION	
	THOR 31	THOR 41	THOR 31	THOR 41
STEEL	9 mm	12mm	12 mm	16mm
STAINLESS STEEL	6 mm	9mm	10 mm	14mm
ALUMINIUM	4 mm	7mm	8 mm	12mm



Materials

- Mild Steels
- Stainless Steels
- Castings
- Aluminium and Alloys
- Copper Steels and Alloys

Welding Process

- Plasma Cutting

Environments

- Medium Fabrications
- Ship-Building
- Maintenance
- Workshops
- Building and plumbing
- Electricians and installers
- Workshops

Main Features

- Ease of operation
- Compact
- Test Gas
- Reset
- 1-Torch (Thor 41 AS)