



HANDYPLASMA

MANUAL PLASMA CUTTING MADE EASY.



HANDYPLASMA[★]

After two long years of development, the HandyPlasma has finally arrived - a light and portable hand-held plasma cutting machine, weighing only 13.5kg (including the torch), with a 220V 50/60Hz single phase power supply.

The interface not only incorporates the latest technology in a color LCD panel, but also simplifies every cutting setup. With a single knob, the operator can select each function to meet any need.

Available in two models.

MANUAL PLASMA CUTTING MADE EASY.

HandyPlasma is the introductory manual plasma cutter that's powerful enough to handle tough cutting jobs without dealing with complicated set-up and operation. Cut through mild steel, stainless steel or aluminum grates and plates with ease. Available in two versions to meet your required thickness level:

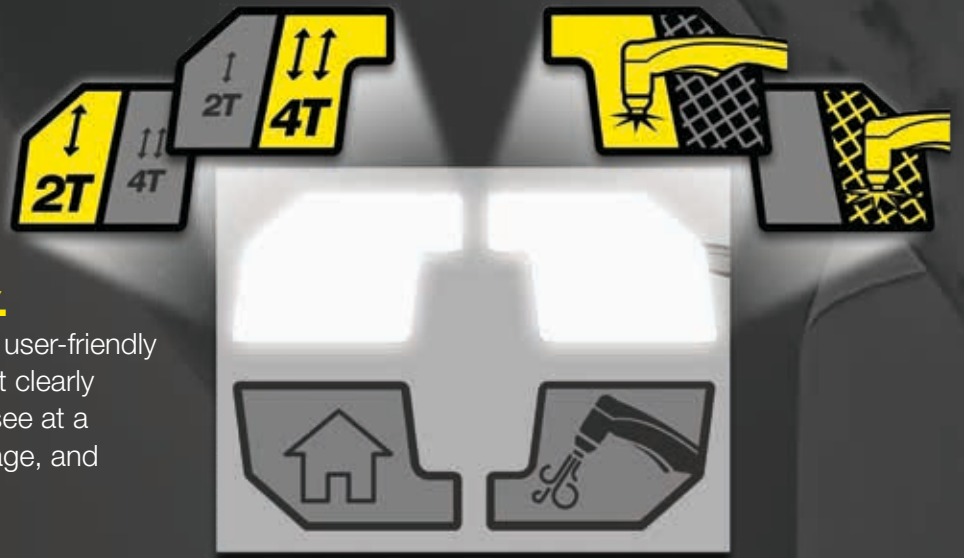
HandyPlasma 35i

Recommended cut - 12 mm
Maximum cut - 16 mm

HandyPlasma 45i

Recommended cut - 15 mm
Maximum cut - 24 mm





INTUITIVE LCD DISPLAY.

The HandyPlasma panel is totally user-friendly with a 2.8" color LCD screen, that clearly displays all settings you need to see at a glance - cutting mode, input voltage, and input air pressure.



ALL IN ONE KNOB.

Complete with the functions necessary for any cutting job, HandyPlasma cutting machine is simple and quick to set up with just one knob:

- 1** Select the desired mode for torch control,
2T - On/Off
4T - Lock-on
- 2** "Select "grate" or "plate" depending on the material you'll be cutting - there's a specific setting for each!
- 3** You're ready to start cutting!

AIR REGULATOR.

The HandyPlasma comes with an automatic internal regulator that manages the air passing through the torch. It is not necessary to adjust the gas – the machine automatically detects the inlet and outlet pressure. It comes with an external air filter with a purge valve for removing excess oil in the compressed air.

CONSUMABLES.

A complete line of consumables has been specially developed to take advantage of the full potential of the HandyPlasma and keep it always ready for work.

TORCH INCLUDED.

The HandyPlasma comes ready to use, with a 60A torch and a five meter lead. This ergonomic torch features a trigger lock for greater safety and a choice of 2T/4T function on the machine panel.

The automatic system purges gas after cutting, increasing the life of the consumables.



PACKAGE CONTENTS

- Plasma Power Source HandyPlasma 35i or 45i
- Handy Torch 60A Plasma Torch
- Work Cable and Clamp
- Wrench for Air Filter
- 1x ¼" Nitto Air Line Connector
- Shoulder Strap
- Operating Manual
(Power Source and Plasma Torch)



SPECIFICATIONS	HandyPlasma 35i	HandyPlasma 45i
Mild Steel Clean Cut	12 mm	16 mm
Mild Steel Severance	16 mm	24 mm
Stainless Clean Cut	10 mm	12 mm
Aluminium Clean Cut	8 mm	10 mm
Input Power	240V, 1Ph, PFC, 10A	240V, 1Ph, PFC, 15A
Duty Cycle	35% @ 35A	35% @ 45A
Input Air Required	730 kPa, 110 LPM	730 kPa, 110 LPM
Generator Required	8 kVA	9 kVA
Dimensions	495 mm L x 165 mm W x 385 mm H	495 mm L x 165 mm W x 385 mm H
Weight	11.8 kg	11.8 kg

ORDERING INFORMATION

HandyPlasma 35i System Package	1-1601-35D
HandyPlasma 45i System Package	1-1601-45D
HandyPlasma 60A Plasma Torch	ESAB337000
Plasma Cutting Tip 35A (5un)	ESAB337001
Plasma Cutting Tip 45A (5un)	ESAB337002
Electrode (5un)	ESAB337003
Plasma Standoff Guide	ESAB337004
Plasma Shield Cup	ESAB337005
Plasma O-Ring	ESAB337006
Plasma Torch Gas Diffuser	ESAB337007
Inline Air Filter	ESAB337039
Plasma Filter Cartridge	ESAB337040
Circle Cutting Guide	ESAB337041

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Take advantage of plasma cutting without the complications at esab.com/handyplasma.



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