

UPC-1040 Plasma Cutter

General description

Cutting and gouging of all current carrying materials.

Features

- High capacity plasma arc that cuts any electrically conductive material
- No high frequency arc start as this may cause interference in electric circuits on board
- Compact and lightweight for easy transport and access to narrow spaces
- Steplessly adjustable output for precision cuts at slower speeds in thinner material
- Air regulator with filter and water separator protects machine and torch
- A microswitch in the torch head protects the operator by cutting current to torch if the nozzle is loosened
- If use of the machine exceeds the duty cycle and causes overheating an automatic overload protection will pause the cutting current until sufficient cooling has taken place
- Delivered complete with torch and accessories kit with consumable spares that fits in a kit holder on top of the machine

Benefits

- Lightweight and compact
- Safe in use
- Efficient

Technical data

Cutting current range	20-100
Duty cycle at max current	35%
Electric phase	3
Power supply voltage	440 (400)
Recommended fuses, slow	20 A (25 A)
Power supply cycles	50/60 Hz
Supply pressure	6-7 bar
Setting on machine at free flow	5.0 bar
Air consumption	190
IP protection	IP 63
Certification (approval)	CE
Length	560
Width	190



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Height	320
Weight	16

Ideal for cutting and gouging all types of metals. Superior to gas cutting as it also cuts stainless steel, cast iron, copper alloys and aluminum.

The UPC-1040 is compact and lightweight to move around on board. Its weight is only 15 kg and its size is: 550 x 180 x 320 mm. Cutting capacity of up to 40 mm thick steel. Penetrates completely, including thick bulbs in beams. Impressive cutting speed of more than half a meter per minute (13mm steel plate). High duty cycle and tolerance to ambient temperature will normally provide completely uninterrupted operation for manual cutting.

The slim nozzle design gives exceptionally good overview of the actual cutting arc and provides minimal slag clogging. Highly efficient for gouging out old welds and opening up cracks with the optional gouging nozzle.

Ordering information

Supplied with:

Torch, complete with 6 m cable and connector

Insulated return clamp with cable and connector

Built-in air regulator with filter and water separator

Accessories kit including: 3 pcs electrodes, 1 pcs tool for torch, 3 pcs nozzles, 1 pcs spatter shield

Accessories

Product number	Product name
404014	TORCH WITH 6M CABLE FOR UPC-1040
404015	TORCH WITH 15M CABLE FOR UPC-1040
404016	CIRCLE CUTT. GUIDE F/ UPC-1040/1041
404005	ELECTRODE LONG F/UPC-1040/1041 5PCS
404006	SWIRL RING FOR UPC-1040/1041 2PCS
404007	NOZZLE 1.0 F/UPC-1040/1041 5PCS
404008	NOZZLE 1.2 F/UPC-1040/1041 5PCS
404009	NOZZLE GOUGING F/UPC-1040/1041 5PCS
404010	SHIELD CUP F/UPC-1040/1041 2PCS
404013	CONSUMABLES KIT F/UPC-1040/1041