

Plasma Cutter 12mm Cutting Range

Item No.:361362718

Product information

All electrically conductive steels up to a maximum thickness of 12mm can be ideally cut by this Plasma Cutter. It can function on any supply voltage between 110 V to 230 V.



Supplied with:

1. Initial supply consumables kit consisting of 2 x Electrode, 2 x Tip Drag and 1 x Cartridge
2. Air regulator with filter and water separator mounted on machine
3. Torch with 6m cable (connected directly to machine)
4. Return clamp with 6m cable and DIX25 connector
5. 3.5m primary cable mounted on the machine

Features

- Equipped with Intelligent Voltage Reading (IVR) function to indicate the end of life for plasma consumables
- Torch with safety trigger as per CE standard and "Reset" button" to avoid accidental trigger
- IP23 ingress protection with high resistance to dust and moisture
- Lightweight, portable and easy to operate
- Performs recommended cut of 8mm at cutting speed of 400mm/min and quality cut of 10mm at cutting speed of 200mm/min

Benefits

- Quality cut with lesser distortion and smaller Heat-Affected Zone (HAZ) compared to traditional oxy-fuel cutting process
- Uses Pilot Arc and not High Frequency (HF) blowback ignition system which does not interfere with shipboard radio communication or other electronically controlled equipment
- Spare part kit available for easy repair and to minimise downtime
- Safe and compliant for maritime and outdoor use. The plasma cutter may easily be passed through manholes and brought to any workplace on board vessel for maintenance and repair works
- Excellent cutting performance and versatile as it can cut a wide range of electrically conductive steels such as mild and stainless steels, castings, aluminium, titanium as well as copper alloys

Specification

General:	Invent Hazard Material (IMO/EU) classification	D-1
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Dimensions/ Weight:	Dimensions L x W x H [mm]	430 x 160 x 350
	Weight [kg]	15.4

Technical data:	Air Flow [l/min]	100
	Air pressure [bar]	5.5
	Duty cycle [%]	20%
	Ingress protection	IP23S
	Temperature class	H
	Voltage [V]	1 phase 110 – 230 50/60Hz main supply