Wilhelmsen Ships Service

UNITOR by Wilhelmsen

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UPC-NEO NG PLASMA CUTTER (UPH-125) COMPLETE

Product group: **192** Product number: **404270**

The UPC-NEO NG is a new-generation, high performance, portable manual plasma cutting and gouging machine. It offers excellent weight-to-cutting ratio, can cut up to 40mm thickness of steel while weighing only 25kg. With the new innovative UPH-125 torch, it can perform FLATCUT and LONGCUT special cutting applications.



Product information

EU Ecodesign Compliant Welding Machine

Supplied with:

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

Note: Plug for the primary cable must fit the socket types used on board and is therefore not included.

Features

- Performs recommended cut of 20mm at cutting speed of 500mm/min and quality cut of 25mm at cutting speed of 250mm/min
- Equipped with Intelligent Voltage Reading (IVR) function to indicate the end of life for plasma consumables and Part In Place (PIP) function to warn if plasma consumables are not correctly mounted on the torch
- Built-in Total Protection (TP) function to protect machine against phase loss from incoming input power supply
- Self-regulation of input supply enables cutting to occur far from the distribution panel, with extension cable of 50m from a 400V 3ph input
- 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

Benefits

- Safe and compliant for maritime and outdoor use
- Superior reliability in tough maritime environment
- 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
- Quality cut with lesser distortion and smaller Heat-Affected Zone (HAZ) compared to traditional oxy-fuel cutting process
- Spare part kit available for easy repair and to minimise downtime

Specification

General

Suggested Inventory Hazard Material classification	D-1

Technical data

Air flow [l/min]	150
Air pressure [bar]	5.0 - 5.5
Duty cycle [%]	35%
Ingress protection	IP23S
Temperature class	H
Voltage [V]	3 phase 380-440V 50/60Hz main supply

Documents

404270_Manual

IHM_SDoC&MD_404270

Related products

Accessories

404210
TORCH UPH-125 WITH 6M CABLE F/UPC-NEO NG

600095
SET MALE/FEMALE PLUG 4P 63A IP67

720001
HPCE DYNAMIS/HPC 54/HPC 67/EL. CABLE 4x6 W/CONN. 63A 40M

Spares

404208
TOTAL REPAIR KIT F/UPC-NEO NG

Consumables

404260
CONSUMABLES UPH-125 SET FOR UPC-NEO NG

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