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UWI-500TP WELDING INVERTER

Product group: **191** Product number: **500500**

UWI-500TP is a powerful welding inverter for all arc welding (Stick/TIG/MIG/MAG) & gouging processes onboard. Ideal for vessels requiring high duty cycle welding using very long welding cables extension especially deck maintenance etc.



Product information

This product supersedes product no: **670398**

EU Ecodesign Compliant Welding Machine

The welding machine is supplied "without" any accessories. To order, include Part No. 670406 ACCESSORIES KIT F/UWI-230,-320,-500.

Features

- Stick electrode (MMA) with adjustable hot start and arc force for optimal welding properties
- Lift-Arc TIG welding with remote control option for all welding processes, with total arc control both during welding and for the down-slope finish of the weld. Adjustable gas post-flow prevents faults in the end phase of the weld
- Two machines can be linked in parallel for up to 1000 Amperes for Air Carbon Arc gouging
- Voltage Reduction Device (VRD) function reduces open circuit voltage to only 9VDC which reduces risks of electric shock and electrocution to the lowest level
- Built-in Total Protection (TP), Line-voltage compensation and Thermal overload protection
- Made of high-grade aluminium casing that reduces weight and corrosion risks

Benefits

- Safe and compliant welding machine for maritime use
- Heavy duty and superior reliability in tough maritime environment
- 5-500A current range covers the use of any size of welding electrodes and two machines can be connected parallel to provide 1000A
- Multi-process welding with combination of UWF-102 Wire Feeder for wire welding
- Spare part kit available easy repair and to minimise downtime

Specification

General

Invent Hazard Material (IMO/EU) classification	D-1
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Dimensions/Weight

Dimensions L x W x H [mm]	670 x 290 x 510
Weight [kg]	47

Technical data

Duty cycle [%]	50 at max current
Ingress protection	IP23S
Recommended fuse [A]	32 A slow
Voltage [V]	3 phase 380-440V 50/60Hz main supply
Welding current [A]	5-500

Documents

[UWI-500-TP-Owners-manual-10072017](#)

[SDoC and MD for IHM](#)

[500500_Reparation Manual PW](#)

Related products

Accessories

**Required UWI-500TP accessories kit for stick electrode welding. **

175844
WELDING CABLE 50 MM2

200000
TIG TORCH T-200 W.DIX 70 CONNECTOR

632901
TRIPLE CONNECTION DIX-70 MMF, 2 PCS

607810
TIG TORCH ACCESSORIES KIT

676973
REMOTE CONTROL PARALLEL CONNECTION

175729
CABLE DRUM W/CRANK

510010
REGULATOR 510 AR/CO2 FLOW 0-35L/MIN

597328
FLOWCONTROL METER, ARGON

510438
LEATHER JACKET LARGE

597310
FLOWCONTROL VALVE, ARGON

500103
UNDERCARRIAGE FOR UWI-500TP

905174
ARGON E-50 FILLING

175851
WELDING CABLE 70 MM2

528703
AIR CARBON ARC TORCH 600A

594317
RETURN CLAMP ASSY 400A W/DIX 70

670422
REMOTE CONTROL CABLE FOR UWI-320/500

670414
REMOTE CONTROL F/UWI-320/500 & UWW-301

634121
CONVERSION ASSEM. 2 PCS

779034
AUTODARK 820 FRESH AIR COMPLETE

632893
CABLE CONNECTOR DIX70 MALE-FEMALE

594325
EL. HOLDER 400A WITH DIX70 CONNECTOR

526015
SAFE GRINDER 42V FOR WELDING MACHINES

670406
ACCESSORIES KIT F/UWI-230,-320,-500

Is accessory to

**Required UWI-500TP accessories kit for stick electrode welding. **

500102
UWF-102 WIRE FEEDER FOR UWI-500TP

Spares

500505
SPARE PART KIT FOR UWI-500TP

Is frequently bought together with

150150
UWI-150 TP WELDING INVERTER IN CASE (1P 230V)

670000
ELECTRODE CABINET WITH 27 PACKAGES.

632794
TIG GLOVES. 6 PAIRS

632984
WIRE BRUSH STAINL. 6PCS

632976
WIRE BRUSH STEEL. 6PCS

632786
WELDERS GLOVES. 6 PAIRS

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