

# UWI-320TP WELDING INVERTER

Product group: **191**    Product number: **320320**

No. 1 Trusted High Performance and Reliable 300A Welding Machine for Ship Welding. UWI-320TP is a compact yet powerful welding inverter with 320Amps welding capacity. It is capable to perform Stick/TIG welding and able to weld electrode up to size of 5,0mm. The welding machine is supplied "without" any accessories.



## Product information

This product supersedes product no: **670430**

### Features

- Voltage reduction device (VRD) function reduces touchable open circuit voltage to only 9V.
- Its design utilises an active fan control, which reduces the amount of dust and dirt inside the machine, thereby reducing the risk of short circuiting and increasing efficiency and life time.
- The unique TP (Total Protection) function effectively prevents damage to the machine in case one phase in the primary power supply fails.
- Thermal overload protection prevents damage due to overload.
- Lift-start in TIG mode provides easy and soft arc start.
- With the use of remote control the welder has full control of arc and heat input during welding, and at finish he has full control of down-slope and arc stop.
- With up to 320A output it provides full capacity for welding all coated electrodes including most 6mm high recovery electrodes.
- Parallel connection of two machines provides 640A output for the few coated electrodes that require more than 320A, and full Air Carbon Arc gou

### Benefits

UWI-320TP design utilize an active fan control which reduces the amount of dust and dirt deposit inside the machine during cooling. thereby eliminating the risk of short circuiting.

Full capacity for welding all coated electrodes including 6,0mm high recovery electrode. The unique total protection (TP) function effectively prevent damage to the machine in case one phase in the primary power supply fails.

## Specification

### General

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

Height [mm]	325
Length [mm]	460
Weight [kg]	18
Width [mm]	230

### Technical data

Ingress protection	IP23S
Voltage [V]	3 phase 380-440V 50/60Hz main supply
Welding current [A]	320

## Documents

[UWI-320-TP-Owners-manual-23092014](#)

[320320\\_Reparation Manual PW](#)

[SDoC and MD for IHM](#)

## Related products

### Accessories

<b>632794</b>	TIG GLOVES. 6 PAIRS	<b>320323</b>	SPARE PART KIT FOR UWI-320TP
<b>778149</b>	TROLLEY E10/M10 F/TIG/MIG WELDING	<b>510010</b>	REGULATOR 510 AR/CO2 FLOW 0-35L/MIN
<b>632976</b>	WIRE BRUSH STEEL. 6PCS	<b>597310</b>	FLOWCONTROL VALVE, ARGON
<b>619379</b>	MANOMETER/GAUGE GUARD +	<b>779032</b>	AUTODARK 300 WELDING SHIELD
<b>607810</b>	TIG TORCH ACCESSORIES KIT	<b>200000</b>	TIG TORCH T-200 W.DIX 70 CONNECTOR
<b>516161</b>	WELDING GAUGE TYPE J	<b>632786</b>	WELDERS GLOVES. 6 PAIRS
<b>597328</b>	FLOWCONTROL METER, ARGON	<b>526015</b>	SAFE GRINDER 42V FOR WELDING MACHINES
<b>632984</b>	WIRE BRUSH STAINL. 6PCS	<b>576157</b>	GAS HOSE 1/4" 6.3MM BLACK

### Spares

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

### Is frequently bought together with

<b>779032</b>	AUTODARK 300 WELDING SHIELD
<b>594325</b>	EL.HOLDER 400A WITH DIX70 CONNECTOR
<b>594317</b>	RETURN CLAMP ASSY 400A W/DIX 70

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