

# URANOS NX 2700 TLH

## Welding process

- MMA (Electrode)
- TIG DC Lift and HF start

## Materials

- Carbon steels
- Stainless steels
- Nickel and nickel alloys
- Copper and copper alloys
- Titanium and titanium alloys
- Cast irons

## Applications

- Light job shop fabrication
- Boiler and tank construction
- Buildings sites
- Shipyards
- Automobile industry
- Motorcycle industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Repair and overhaul
- Chassis
- Workshops



## Technical features

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Manual restart or downslope stop functions
- Lock-unlock function key protected by password
- Power source trolley for easy system manoeuvrability
- Forgiving arc for a low noise welding operations
- Linear controlled fan on demand
- Current socket (panel) 50/70 mm<sup>2</sup>
- Digital TIG torch compatible
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

## Power source

			<b>P</b>	<b>X%</b>	<b>P.F.</b>	<b>I<sub>2</sub></b>	<b>U<sub>0</sub></b>	<b>IP</b>	<b>mm</b> l x w x h	<b>kg</b>	
<b>URANOS NX 2700 TLH</b>	3x400V	16A	10,5kVA 10,1kW	40°C 35%	0,96	3-270A	80V	23S	500x190x400mm	18,8kg	
				40°C 60%							230A
				40°C 100%							180A
				25°C 80%							270A
				25°C 100%							240A
	3x230V	25A	10,9kVA 10,4kW	40°C 35%	0,96	3-270A	80V	23S	500x190x400mm	18,8kg	
				40°C 60%							230A
				40°C 100%							180A
				25°C 80%							270A
				25°C 100%							240A

## Cooling unit

		<b>P</b>		<b>IP</b>	<b>mm</b> l x w x h	<b>kg</b>
<b>WU 1000</b>	48Vdc	0,6kW	2,0l	23S	480x190x180mm	8,8kg

