

URANOS 1800 TLH

Welding process

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

Materials

- Carbon steels
- Stainlesssteels
- Nickel and nickel alloys
- Castirons
- Copper and copper alloys
- Titanium and titanium alloys

Applications

- Light job shop fabrication
- Buildingsites
- Shipyards
- Cycle industry
- Nuclear industry
- Food industry
- Chemical industry
- Repair and overhaul
- Repair and overhaul
- Building
- Plumbing



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
- Airflow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- 2/4 step operating mode
- Bi-Level operating mode
- Spot welding mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Synergic post-flow adjustment
- Easy joining
- Manual restart or downslope stop functions
- Current socket (panel) 50/70 mm²
- Predisposition for TIG U/D torch
- Remote control compatible

Power source

			P	X%	P.F.	I₂	U₀	IP	mm l x w x h	kg
URANOS 1800 TLH	1x230V TIG	16A	5,5kVA 5,5kW	40°C 35% 180A	1,00	3-180A	106V	23S	410x150x330mm	9,4kg
				40°C 60% 160A						
				40°C 100% 140A						
				25°C 70% 180A						
	1x230V MMA	16A	5,5kVA 5,5kW	40°C 35% 170A	1,00	3-170A	80V	23S	410x150x330mm	9,4kg
				40°C 60% 150A						
				40°C 100% 120A						
				25°C 70% 170A						
	1x115V TIG	20A	3,3kVA 3,3kW	40°C 30% 140A	1,00	3-140A	106V	23S	410x150x330mm	9,4kg
				40°C 60% 120A						
				40°C 100% 105A						
				25°C 70% 140A						
	1x115V MMA	20A	3,3kVA 3,3kW	40°C 30% 110A	1,00	3-110A	80V	23S	410x150x330mm	9,4kg
				40°C 60% 95A						
				40°C 100% 80A						
				25°C 70% 110A						
			25°C 100% 95A							

