

URANOS NX 2700 TLH

Equipment for TIG DC HF welding. Inverter technology.
Three-phase power supply.



HIGHLIGHTS

- » User panel with 3,5" LCD graphic colour display.
- » TIG DC HF welding with 4 proprietary welding processes by Böhler Welding.
- » Up to 240 personalized programs (Jobs).

EQUIPMENT	
Power source	URANOS NX 2700 TLH
Cooling unit	WU 1000
Torch - Air Cooled	ST 2200 (Standard - U/D - DigiTig) / ST 2200 FX (Standard - U/D - DigiTig)
Torch - Liquid Cooled	ST 2500 (Standard - U/D - DigiTig) / ST 2500 FX (Standard - U/D - DigiTig) / ST 2500 MP (Standard - U/D - DigiTig) / ST 3000 (Standard - U/D - DigiTig) / ST 3000 FX (Standard - U/D - DigiTig) / ST 3000 MP (Standard - U/D - DigiTig)

WELDING TECHNOLOGIES	
TIG DC Processes	DcDrive / DcPulse / FastPulse / EasyArc by Böhler Welding
MMA	✓
Personalized programs (jobs)	240
Main TIG functions	Easy Joining / Spot Welding / Pulse Slope

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TECHNICAL FEATURES	
Inverter technology	Inverter greenWave® by Böhler Welding
Communication	CANBUS Digital communication 500 Kbs
Software upgrade	Proprietary software
Validation program	Included
User panel	Colour 3,5" graphic LCD display
Welding parameters display A/V	Digital

TECH DATA			
URANOS NX	2700 TLH		
Dimensions	500x190x400mm	Slow blow line fuse	16/25 A
Weight	18.8kg	Open circuit voltage	80Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	10.5 kVA	Insulation Class	H
Maximum Input current	15.3/30.8 A	Power supply cable	4x4 mm ² - 5 m
Efficiency	83%	cosφ	0.99
Power Factor (P.F.)	0.96	Adjustment range	3-270 A
Duty cycle TIG - 40 °C	40% - 270A 60% - 230A 100% - 180A	Duty cycle TIG - 25 °C	80% - 270A 100% - 240A
WU	WU 1000		
Dimensions	480x190x180 mm	Power	0.6 kW
Weight	8.8 kg	Cooling liquid	2.0 l
Power supply	48 Vdc	IP protection rate	IP23S
Torches - Air cooled	ST 2200 (all versions)	ST 2200 FX (all versions)	
Duty cycle	35% 180A	35% 180A	
Diameter	0.5÷4.0 mm	0.5÷4.0 mm	
Cable length	4-8 m	4-8 m	
	ST 2500 (all versions)	ST 2500 FX (all versions)	ST 2500 MP (all versions)
Duty cycle	100% 225A	100% 225A	100% 225A
Diameter	0.5÷4.0 mm	0.5÷4.0 mm	0.5÷4.0 mm
Cable length	4-8 m	4-8 m	4-8 m
Torches - Liquid cooled	ST 3000 (all versions)	ST 3000 FX (all versions)	ST 3000 MP (all versions)
Duty cycle	100% 280A	100% 250A	100% 250A
Diameter	0.5÷4.0 mm	0.5÷4.0 mm	0.5÷4.0 mm
Cable length	4-8 m	4-8 m	4-8 m