

# URANOS NX 5000 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 5000 TLH
Cooling unit	WU 3000
Trolley	GT 500 / GT 700
Torch - Liquid Cooled	ST 4000 (Standard - U/D - DigiTig) / ST 4000 FX (Standard - U/D - DigiTig) / ST 4500 (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

# URANOS NX 5000 TLH

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	5000 TLH		
Dimensions	690x290x510mm	Slow blow line fuse	30/45 A
Weight	37.3kg	Open circuit voltage	73Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	18.2/18.9 kVA	Insulation Class	H
Maximum Input current	33.0/47.4 A	Power supply cable	4x6 mm <sup>2</sup> - 5 m
Efficiency	88%	cosφ	0.99
Power Factor (P.F.)	0.95	Adjustment range	3-500 A
Duty cycle TIG - 40 °C	50% - 500A 60% - 470A 100% - 420A	Duty cycle TIG - 25 °C	80% - 500A 100% - 470A
WU	WU 3000		
Dimensions	705x305x250 mm	Power	1.4 kW
Weight	13.0 kg	Cooling liquid	5.5 l
Power supply	360 Vdc	IP protection rate	IP23S
Torches - Liquid cooled	ST 4000 (all versions)	ST 4000 FX (all versions)	ST 4500 (all versions)
Duty cycle	100% 350A	100% 350A	100% 410A
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