

URANOS NX 5000 AC/DC

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



HIGHLIGHTS

- » User panel with 3,5" LCD graphic colour display.
- » TIG AC and DC welding with 7 proprietary welding processes by Böhler Welding.
- » Up to 240 personalized programs (jobs).

EQUIPMENT	
Power source	URANOS NX 5000 AC/DC
Cooling unit	WU 3000
Trolley	GT 500 / GT 700
Torch - Liquid Cooled	ST 4500 (Standard - U/D - DigiTig)
WELDING TECHNOLOGIES	
TIG AC Processes	AcDrive / AcPulse / MixAc / EasyArc by Böhler Welding
TIG DC Processes	DcDrive / DcPulse / FastPulse / EasyArc by Böhler Welding
MMA	✓
Personalized programs (jobs)	240
Main TIG functions	Extra Energy / Easy Rounding / Wave Form / 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	5000 AC/DC		
Dimensions	690x290x510mm	Slow blow line fuse	30/40 A
Weight	37.3kg	Open circuit voltage	73Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	19.4/19.8 kVA	Insulation Class	H
Maximum Input current	27.3/48.0 A	Power supply cable	4x6 mm ² - 5 m
Efficiency	85%	cosφ	0.99
Power Factor (P.F.)	0.95	Adjustment range	3-500 A
Duty cycle TIG - 40 °C	35% - 500A 60% - 450A 100% - 400A	Duty cycle TIG - 25 °C	70% - 500A 100% - 430A
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 4500 (all versions)		
Duty cycle (AC)	100% 290A		
Diameter	0.5+4.0 mm		
Cable length	4-8 m		