

URANOS NX 3200 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 3200 AC/DC
Cooling unit	WU 2000
Trolley	GT 150 / GT 350 / GT 400 / GT 600
Torch - Air Cooled	ST 2200 (Standard - U/D - DigiTig) / ST 2200 FX (Standard - U/D - DigiTig)
Torch - Liquid Cooled	ST 3000 (Standard - U/D - DigiTig) / ST 3000 FX (Standard - U/D - DigiTig) / ST 3000 MP (Standard - U/D - DigiTig) / ST 4000 (Standard - U/D - DigiTig) / ST 4000 FX (Standard - U/D - DigiTig) / 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	3200 AC/DC		
Dimensions	620x240x460mm	Slow blow line fuse	16/25 A
Weight	27.5kg	Open circuit voltage	80Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	13.8/14.3 kVA	Insulation Class	H
Maximum Input current	19.9/35.0 A	Power supply cable	4x4 mm ² - 5 m
Efficiency	80%	cosφ	0.99
Power Factor (P.F.)	0.95	Adjustment range	3-320 A
Duty cycle TIG - 40 °C	40% - 320A 60% - 300A 100% - 270A	Duty cycle TIG - 25 °C	65% - 320A 100% - 290A
WU	WU 2000		
Dimensions	660x240x220 mm	Power	1.0 kW
Weight	12.0 kg	Cooling liquid	3.0 l
Power supply	360 Vdc	IP protection rate	IP23S
Torches - Air cooled	ST 2200 (all versions)	ST 2200 FX (all versions)	
Duty cycle (AC)	35% 125A	35% 125A	
Diameter	0.5÷4.0 mm	0.5÷4.0 mm	
Cable length	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 (AC)	100% 220A	100% 175A	100% 175A
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
	ST 4000 (all versions)	ST 4000 FX (all versions)	ST 4500 (all versions)
Duty cycle (AC)	100% 270A	100% 270A	100% 290A
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