

URANOS NX 3200 GSM

Equipment for MIG/MAG, TIG DC HF and MMA welding.
Inverter technology. Three-phase power supply.



HIGHLIGHTS

- » User panel with 3,5" LCD graphic colour display.
- » MIG/MAG, pulsed MIG/MAG and TIG DC HF welding with 9 proprietary welding processes by Böhler Welding.
- » Up to 600 Böhler Arc welding programs.

EQUIPMENT	
Power source	URANOS NX 3200 GSM
Master Software	MS1-MS2-MS3 Unalloyed steel / MS4 High alloyed steel / MS5 Aluminum-Copper Alloy
Wire feeder	WF NX 3000 SMART / WF NX 4000 SMART
Cooling unit	WU 2000
Trolley	GT 150 / GT 350 / GT 400 / GT 400 WF / GT 600 / GT 600 WF
Torch MIG/MAG - Air Cooled	MT 350 G / MT 350 G U/D
Torch MIG/MAG - Liquid Cooled	MT 440 W / MT 440 W U/D / MB 240 DGMIG / PP PLUS 401D
Torch TIG - Air Cooled	ST 2200 (Standard - U/D - DigiTig) / ST 2200 FX (Standard - U/D - DigiTig)
Torch TIG - Liquid Cooled	ST 3000 (Standard - U/D - DigiTig) / ST 3000 FX (Standard - U/D - DigiTig) / ST 3000 MP (Standard - U/D - DigiTig)

URANOS NX 3200 GSM

WELDING TECHNOLOGIES	
MIG/MAG Processes	ArcDrive / RapiDeep / PulsDrive / QuickPulse / CladPulse by Böhler Welding
TIG DC	DcDrive / DcPulse / FastPulse / EasyArc by Böhler Welding
MMA	✓
Welding programs	Böhler Arc / Universal Arc - 600
Personalized programs (jobs)	240
Main MIG/MAG functions	Welding Speed / Arc Dynamic / Crater Filler / Spot Welding / Mig Bi-Level
Main TIG functions	Easy Joining / Spot Welding / Pulse Slope

TECHNICAL FEATURES	
Inverter technology	Inverter greenWave® by Böhler Welding
Communication	CANBUS Digital communication 500 Kbs
Wire feeder technology	4 rolls motorgear by Böhler Welding
Wire spool diameter	D 200/300 mm
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 GSM		
Dimensions	620x240x460mm	Slow blow line fuse	20/30 A
Weight	27.6kg	Open circuit voltage	75Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	13.0/13.3 kVA	Insulation Class	H
Maximum Input current	18.8/32.9 A	Power supply cable	4x4 mm ² - 5 m
Efficiency	85%	cosφ	0.99
Power Factor (P.F.)	0.96	Adjustment range	3-320 A
Duty cycle MIG/MAG - 40 °C	50% - 320A 600% - 310A 100% - 250A	Duty cycle MIG/MAG - 25 °C	70% - 320A 100% - 270A
WF NX	3000 SMART	4000 SMART	
Dimensions	660x280x390 mm	640x250x460 mm	
Weight	13.0 kg	19.0 kg	
Wire drive unite power	120W	120W	
Wire speed	0.5 - 22.0 m/min	0.5 - 22.0 m/min	
N° rolls	4	4	
Wire spool diameter	D 200/300 mm	D 200/300 mm	

URANOS NX 3200 GSM

TECH DATA <i>(continued)</i>			
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 MIG/MAG - Air cooled	MT 350 G / 350 G U/D		
Duty cycle ArCO₂	60% 310A		
Wire diameter	0.8÷1.6 mm		
Cable length	3-4 m		
Torches MIG/MAG - Liquid cooled	MT 440 W / 440 W U/D	MB 240 DGMIG	
Duty cycle ArCO₂	100% 450A	100% 270A	
Wire diameter	0.8÷1.6 mm	0.8÷1.2 mm	
Cable length	3-4 m	3-4 m	
Torches TIG - Air cooled	ST 2200 (all versions)	ST 2200 FX (all versions)	
Duty cycle	35% 180A	35% 180A	
Wire diameter	0.5÷4.0 mm	0.5÷4.0 mm	
Cable length	4-8 m	4-8 m	
Torches TIG - Liquid cooled	ST 3000 (all versions)	ST 3000 FX (all versions)	ST 3000 MP (all versions)
Duty cycle	100% 280A	100% 250A	100% 250A
Wire 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