

URANOS NX 5000 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 5000 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 3000
Trolley	GT 500 / GT 500 WF / GT 700 / GT 700 WF
Torch MIG/MAG - Liquid Cooled	MT 440 W / MT 440 W U/D / MT540 W / MT 540 W U/D / MB 501 DGMIG / PP PLUS 401D
Torch TIG - Liquid Cooled	ST 4000 (Standard - U/D - DigiTig) / ST 4000 FX (Standard - U/D - DigiTig) / ST 4500 (Standard - U/D - DigiTig)

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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	5000 GSM		
Dimensions	690x290x510mm	Slow blow line fuse	30/63 A
Weight	40.5kg	Open circuit voltage	73Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	22.9/23.9 kVA	Insulation Class	H
Maximum Input current	33.0/60.3 A	Power supply cable	4x6 mm ² - 5 m
Efficiency	88%	cosφ	0.99
Power Factor (P.F.)	0.95	Adjustment range	3-500 A
Duty cycle MIG/MAG - 40 °C	50% - 500A 60% - 470A 100% - 420A	Duty cycle MIG/MAG - 25 °C	80% - 500A 100% - 470A
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	

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TECH DATA <i>(continued)</i>			
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 MIG/MAG - Liquid cooled	MT 440 W / 440 W U/D	MT 540 W / 540 W U/D	MB 501 DGMIG
Duty cycle ArCO₂	100% 450A	100% 550A	100% 450A
Wire diameter	0.8÷1.6 mm	0.8÷1.6 mm	0.8÷1.6 mm
Cable length	3-4 m	3-4 m	4-8 m
Torches TIG - Liquid cooled	ST 4000 (all versions)	ST 4000 FX (all versions)	ST 4500 (all versions)
Duty cycle	100% 350A	100% 350A	100% 410A
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