

## URANOS NX 4000 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 4000 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	4000 GSM		
Dimensions	690x290x510mm	Slow blow line fuse	25/45 A
Weight	37.5kg	Open circuit voltage	73Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	16.1/16.5 kVA	Insulation Class	H
Maximum Input current	24.4/43.7 A	Power supply cable	4x6 mm <sup>2</sup> - 5 m
Efficiency	88%	cosφ	0.99
Power Factor (P.F.)	0.95	Adjustment range	3-400 A
Duty cycle MIG/MAG - 40 °C	60% - 400A 100% - 360A	Duty cycle MIG/MAG - 25 °C	100% - 400A
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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<b>TECH DATA</b> <i>(continued)</i>			
<b>WU</b>	<b>WU 3000</b>		
<b>Dimensions</b>	705x305x250 mm	<b>Power</b>	1.4 kW
<b>Weight</b>	13.0 kg	<b>Cooling liquid</b>	5.5 l
<b>Power supply</b>	360 Vdc	<b>IP protection rate</b>	IP23S
<b>Torches MIG/MAG - Liquid cooled</b>	<b>MT 440 W / 440 W U/D</b>	<b>MT 540 W / 540 W U/D</b>	<b>MB 501 DGMIG</b>
<b>Duty cycle ArCO<sub>2</sub></b>	100% 450A	100% 550A	100% 450A
<b>Wire diameter</b>	0.8÷1.6 mm	0.8÷1.6 mm	0.8÷1.6 mm
<b>Cable length</b>	3-4 m	3-4 m	4-8 m
<b>Torches TIG - Liquid cooled</b>	<b>ST 4000 (all versions)</b>	<b>ST 4000 FX (all versions)</b>	<b>ST 4500 (all versions)</b>
<b>Duty cycle</b>	100% 350A	100% 350A	100% 410A
<b>Wire diameter</b>	0.5÷4.0 mm	0.5÷4.0 mm	0.5÷4.0 mm
<b>Cable length</b>	4-8 m	4-8 m	4-8 m