

# URANOS NX 5000 PME

Equipment for MIG/MAG welding. Inverter technology.  
Three-phase power supply.



## HIGHLIGHTS

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

EQUIPMENT	
Power source	URANOS NX 5000 PME
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 - Liquid Cooled	MT 440 W / MT 440 W U/D / MT540 W / MT 540 W U/D / MB 501 DGMIG / PP PLUS 401D
WELDING TECHNOLOGIES	
MIG/MAG Processes	ArcDrive / RapiDeep / PulsDrive / QuickPulse / CladPulse by Böhler Welding
MMA	✓
TIG DC LIFT	✓
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

# URANOS NX 5000 PME

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			
<b>URANOS NX</b>	<b>5000 PME</b>		
Dimensions	690x290x510mm	Slow blow line fuse	30/63 A
Weight	37.0kg	Open circuit voltage	73Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	23.6/24.5 kVA	Insulation Class	H
Maximum Input current	33.0/60.3 A	Power supply cable	4x6 mm <sup>2</sup> - 5 m
Efficiency	88%	cosφ	0.99
Power Factor (P.F.)	0.95	Adjustment range	3-500 A
Duty cycle MIG/MAG - 40 °C	50% - 500A 60% - 470A 100% - 420A	Duty cycle MIG/MAG - 25 °C	80% - 500A 100% - 470A
<b>WF NX</b>	<b>3000 SMART</b>		<b>4000 SMART</b>
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	
<b>WU</b>	<b>WU 3000</b>		
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	MT 440 W / 440 W U/D	MT 540 W / 540 W U/D	MB 501 DGMIG
Duty cycle ArCO <sub>2</sub>	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