

## URANOS NX 2700 MTE

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.
- » Built-in wire feeder unit.
- » 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 2700 MTE
Master Software	MS URANOS NX PMC/MTE
Cooling unit	WU 230 / WU 232
Trolley	GT 150 / GT 350 / GT 400 / GT 600
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)

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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	2700 MTE		
Dimensions	620x270x460mm	Slow blow line fuse	16/20A
Weight	25.0kg	Open circuit voltage	92Vdc
Power supply (50/60 Hz)	3x400/230V±15%	IP protection rate	IP23S
Maximum Input Power	9.1/9.1 kVA	Insulation Class	H
Maximum Input current	13.1/22.8 A	Power supply cable	4x2.5 mm <sup>2</sup> - 5 m
Efficiency	88%	cosφ	0.99
Power Factor (P.F.)	0.94	Adjustment range	3-270 A
Duty cycle MIG/MAG - 40 °C	45% - 270A 60% - 250A 100% - 230A	Duty cycle MIG/MAG - 25 °C	100% - 270A
WF NX			
Wire drive unite power	120W		
Wire speed	0.5 - 22.0 m/min		
N° rolls	4		
Wire spool diameter	D 200/300 mm		

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<b>TECH DATA</b> <i>(continued)</i>			
<b>WU</b>	<b>WU 230</b>		
<b>Dimensions</b>	660x240x220 mm	<b>Power</b>	1.0 kW
<b>Weight</b>	12.0 kg	<b>Cooling liquid</b>	3.0 l
<b>Power supply</b>	1x400 V	<b>IP protection rate</b>	IP23S
<b>Torches MIG/MAG - Air cooled</b>	<b>MT 350 G / 350 G U/D</b>		
<b>Duty cycle ArCO<sub>2</sub></b>	60% 310A		
<b>Wire diameter</b>	0.8÷1.6 mm		
<b>Cable length</b>	3-4 m		
<b>Torches MIG/MAG - Liquid cooled</b>	<b>MT 440 W / 440 W U/D</b>	<b>MB 240 DGMIG</b>	
<b>Duty cycle ArCO<sub>2</sub></b>	100% 450A	100% 270A	
<b>Wire diameter</b>	0.8÷1.6 mm	0.8÷1.2 mm	
<b>Cable length</b>	3-4 m	3-4 m	
<b>Torches TIG - Air cooled</b>	<b>ST 2200 (all versions)</b>	<b>ST 2200 FX (all versions)</b>	
<b>Duty cycle</b>	35% 180A	35% 180A	
<b>Wire diameter</b>	0.5÷4.0 mm	0.5÷4.0 mm	
<b>Cable length</b>	4-8 m	4-8 m	
<b>Torches TIG - Liquid cooled</b>	<b>ST 3000 (all versions)</b>	<b>ST 3000 FX (all versions)</b>	<b>ST 3000 MP (all versions)</b>
<b>Duty cycle</b>	100% 280A	100% 250A	100% 250A
<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