

URANOS NX 2200 MTE

Equipment for MIG/MAG, TIG DC HF and MMA welding.
Inverter technology. Single-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 2200 MTE
Master Software	MS URANOS NX PMC/MTE
Cooling unit	WU 232
Trolley	GT 150 / GT 350 / GT 400
Torch MIG/MAG - Air Cooled	MT 300 G / MT 300 G U/D / MB 25 DGMIG
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	2200 MTE		
Dimensions	620x270x460mm	Slow blow line fuse	25A
Weight	23.7kg	Open circuit voltage	92Vdc
Power supply (50/60 Hz)	1x230V±15%	IP protection rate	IP23S
Maximum Input Power	6.4 kVA	Insulation Class	H
Maximum Input current	28.2 A	Power supply cable	3x2.5 mm ² - 2 m
Efficiency	86%	cosφ	0.99
Power Factor (P.F.)	0.99	Adjustment range	3-220 A
Duty cycle MIG/MAG - 40 °C	35% - 220A 60% - 190A 100% - 180A	Duty cycle MIG/MAG - 25 °C	100% - 220A
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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TECH DATA <i>(continued)</i>			
WU	WU 232		
Dimensions	660x240x220 mm	Power	1.0 kW
Weight	13.4 kg	Cooling liquid	3.0 l
Power supply	1x230/400 V	IP protection rate	IP23S
Torches MIG/MAG - Air cooled	MT 300 G / 300 G U/D	MB 25 DGMIG	
Duty cycle ArCO₂	60% 260A	60% 200A	
Wire diameter	0.8+1.6 mm	0.8+1.2 mm	
Cable length	3-4 m	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