

URANOS NX 2200 SMC

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



HIGHLIGHTS

- » MIG/MAG welding with ArcDrive process by Böhler Welding.
- » Built-in wire feeder unit.
- » 18 Böhler Arc welding programs (URANOS NX 2200 SMC SMART).



EQUIPMENT		
Power source	URANOS NX 2200 SMC	
Cooling unit	WU 232	
Trolley	GT 150 / GT 350 / GT 400	
Torch TIG - Air Cooled	MT 300 G	
Torch TIG - Liquid Cooled	MT 440 W / PP PLUS 401D	

WELDING TECHNOLOGIES		
URANOS NX	2200 SMC CLASSIC	2200 SMC SMART
MIG/MAG Processes	ArcDrive by Böhler Welding	ArcDrive by Böhler Welding
MMA	✓	✓
TIG DC LIFT	✓	✓
Welding programs	–	18
Personalized programs (jobs)	240	240
Main MIG/MAG functions	Welding Speed / Arc Dynamic / Spot Welding	Welding Speed / Arc Dynamic / Spot Welding / Mig Bi-Level

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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	Led-based
Welding parameters display A/V	Digital

TECH DATA			
URANOS NX	2200 SMC		
Dimensions	620x270x460mm	Slow blow line fuse	25A
Weight	22.4kg	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		
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 - Air cooled	MT 300 G		
Duty cycle ArCO ₂	60% 260A		
Wire diameter	0.8+1.6 mm		
Cable length	3-4 m		
Torches - Liquid cooled	MT 440 W		
Duty cycle ArCO ₂	100% 450A		
Wire diameter	0.8+1.6 mm		
Cable length	3-4 m		