

URANOS NX 2700 SMC

Equipment for MIG/MAG welding. Inverter technology.
Three-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 2700 SMC SMART).

EQUIPMENT	
Power source	URANOS NX 2700 SMC
Cooling unit	WU 230 / WU 232
Trolley	GT 150 / GT 350 / GT 400 / GT 600
Torch TIG - Air Cooled	MT 350 G
Torch TIG - Liquid Cooled	MT 440 W / PP PLUS 401D

WELDING TECHNOLOGIES		
URANOS NX	2700 SMC CLASSIC	2700 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	2700 SMC		
Dimensions	620x270x460mm	Slow blow line fuse	16/20A
Weight	23.7kg	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 ² - 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		
WU	WU 230		
Dimensions	660x240x220 mm	Power	1.0 kW
Weight	12.0 kg	Cooling liquid	3.0 l
Power supply	1x400 V	IP protection rate	IP23S
Torches - Air cooled	MT 350 G		
Duty cycle ArCO ₂	60% 310A		
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		