

TERRA NX 400 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 4 proprietary welding processes by Böhler Welding.
- » Up to 600 Böhler Arc welding programs.



EQUIPMENT	
Power source	TERRA NX 400 PME
Master Software	MS Terra NX PMC/PME
Wire feeder	WF NX 230 SteelDrive / WF NX 330 SteelDrive / WF NX 430 SteelDrive
Cooling unit	WU 430
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 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

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TECHNICAL FEATURES	
Inverter technology	Inverter ThreeLevel® 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			
TERRA NX	400 PME		
Dimensions	690x290x510mm	Slow blow line fuse	30 A
Weight	27.5kg	Open circuit voltage	61Vdc
Power supply (50/60 Hz)	3x400V±15%	IP protection rate	IP23S
Maximum Input Power	22.0 kVA	Insulation Class	H
Maximum Input current	31.5 A	Power supply cable	4x4 mm ² - 5 m
Efficiency	89%	cosφ	0.99
Power Factor (P.F.)	0.74	Adjustment range	3-400 A
Duty cycle MIG/MAG - 40 °C	50% - 400A 60% - 360A 100% - 340A	Duty cycle MIG/MAG - 25 °C	80% - 400A 100% - 360A
WF NX	230 SteelDrive	330 SteelDrive	430 SteelDrive
Dimensions	470x170x430 mm	660x280x390 mm	640x250x460 mm
Weight	8.8 kg	13.0 kg	19.0 kg
Wire drive unite power	120W	120W	120W
Wire speed	0.5 - 22.0 m/min	0.5 - 22.0 m/min	0.5 - 22.0 m/min
N° rolls	2	4	4
Wire spool diameter	D 200 mm	D 200/300 mm	D 200/300 mm
WU	WU 430		
Dimensions	705x305x250 mm	Power	1.4 kW
Weight	15.0 kg	Cooling liquid	5.5 l
Power supply	1x400 Vac	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 ₂	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