

# 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.
- » 16 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       | -  | 16  |
| Main MIG/MAG functions | Welding Speed / Arc Dynamic / Spot Welding | Welding Speed / Arc Dynamic / Spot Welding / Mig Bi-Level |

# URANOS NX 2200 SMC

| 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 <sup>2</sup> - 2 m |
| Efficiency                    | 86%                                     | cosφ                          | 0.99                        |
| Power Factor (P.F.)           | 0.99                                    | Adjustment range              | 3-220 A                     |
| Duty cycle<br>MIG/MAG - 40 °C | 35% - 220A<br>60% - 190A<br>100% - 180A | Duty cycle<br>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 <sub>2</sub>  | 60% 260A                                |                               |                             |
| Wire diameter                 | 0.8+1.6 mm                              |                               |                             |
| Cable length                  | 3-4 m                                   |                               |                             |
| Torches - Liquid cooled       | MT 440 W                                |                               |                             |
| Duty cycle ArCO <sub>2</sub>  | 100% 450A                               |                               |                             |
| Wire diameter                 | 0.8+1.6 mm                              |                               |                             |
| Cable length                  | 3-4 m                                   |                               |                             |