

Nitrogen charging unit N2S-MN

UPDATES

- Compact design
- Reduced weight thanks to a light-weight, stable tubular frame and aluminium Dibond panelling
- Optimum handling thanks to ergonomic handles
- Up to a maximum accumulator charge pressure of 160 bar



General

Total weight when filled with oil: Approx. 55 kg

Ambient temperature range: -15 °C to +50 °C

Hydraulic

Nitrogen charge pressure: 160 bar max.

Permitted pressure: 200 bar max.

Pressure gauge measuring range: 0-250 bar

Piston accumulator volume: 1 l

Flow rate: Approx. 1 l/min

Tank content: Approx. 6.5 l

Hose connection: bottle side
W 24.32 x 1/14"
accumulator side
union nut
M 14 x 1.5 ISO4834

Hose length: bottle side: 4 m
accumulator side: 4 m

Electrical

Supply voltage: 400 V – 50 Hz – 3ph.
(other voltages on request)

Power: 0.37 kW

Protection class: IP 44

Electrical connection: CEE male connector, 5-pin,
16 amp for 400 V
flange connector plug
without cable

Delivered filled with oil

RANGE OF APPLICATIONS

- Charging individual hydraulic accumulators
- Supplementing the gas pre-charge pressure of individual accumulators or accumulator stations

CUSTOMER BENEFITS AND ADVANTAGES

- Optimal utilisation of all standard commercial nitrogen bottles up to a residual pressure of 20 bar
- Rapid, straightforward and inexpensive charging
- Maximum accumulator charge pressure up to 160 bar
- Flexible use for both internal requirements and on-site service
- Works automatically until the pre-charge pressure pre-set at the display is reached

DESIGN

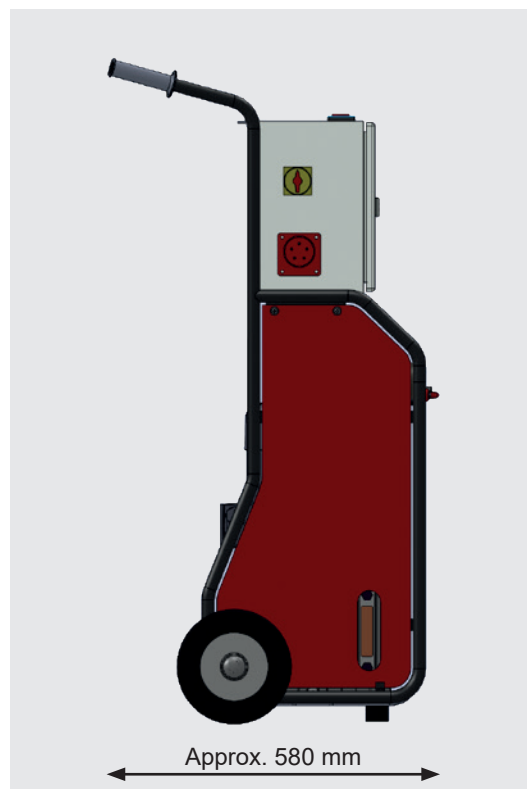
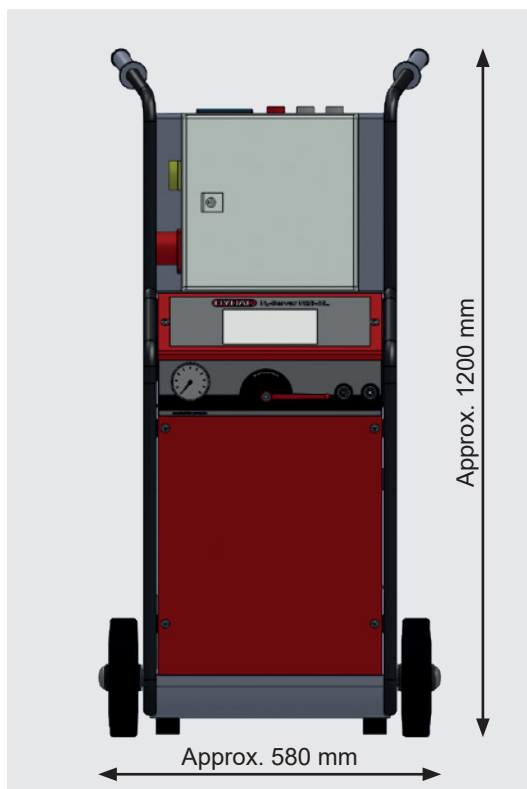
Essential components:

- Oil supply unit
- Piston accumulator
- Integrated control with manual control elements
- Two charging hoses

AVAILABLE AS AN ACCESSORY

- HYDAC charging and testing unit FPU-1
- Extension cable
- Other hose lengths available on request

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All technical and design details are subject to change without notice.