HYDAC

TECHNEWS

Nitrogen charging unit N2S-M

UPDATES

- Compact design
- Reduced weight thanks to a light-weight, stable tubular frame and aluminium Dibond panelling
- Optimum handling thanks to ergonomic handles

General	
Total weight when filled with oil:	Approx. 65 kg
Ambient temperature range:	-15 °C to +50 °C
Hydraulic	
Nitrogen charge pressure:	320 bar max.
Permitted pressure:	350 bar max.
Pressure gauge measuring range:	0-400 bar
Piston accumulator volume:	1 l
Flow rate:	Approx. 0.9 l/min
Tank content:	Approx. 8 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:	0.75 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 320 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

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

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Also available as RENTAL EQUIPMENT
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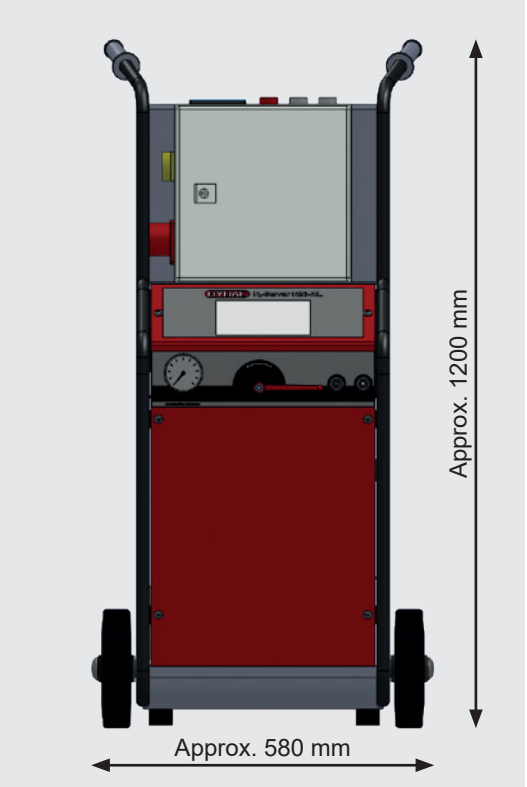

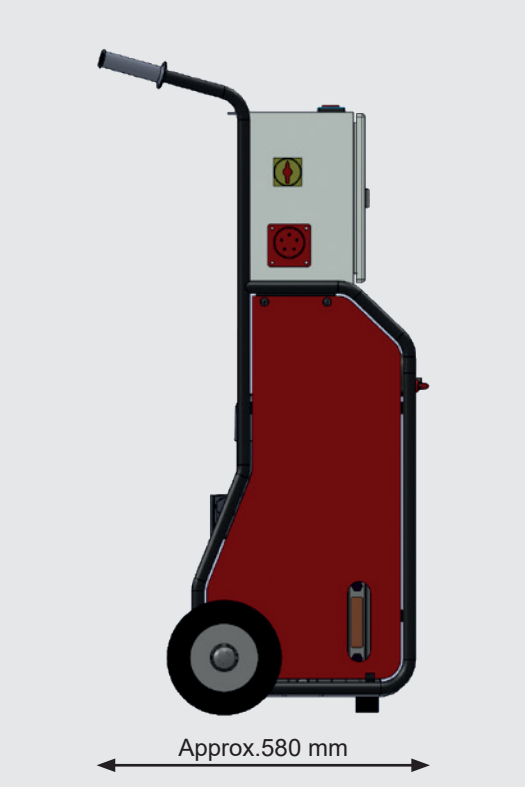

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