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Jet Maintenance & Service
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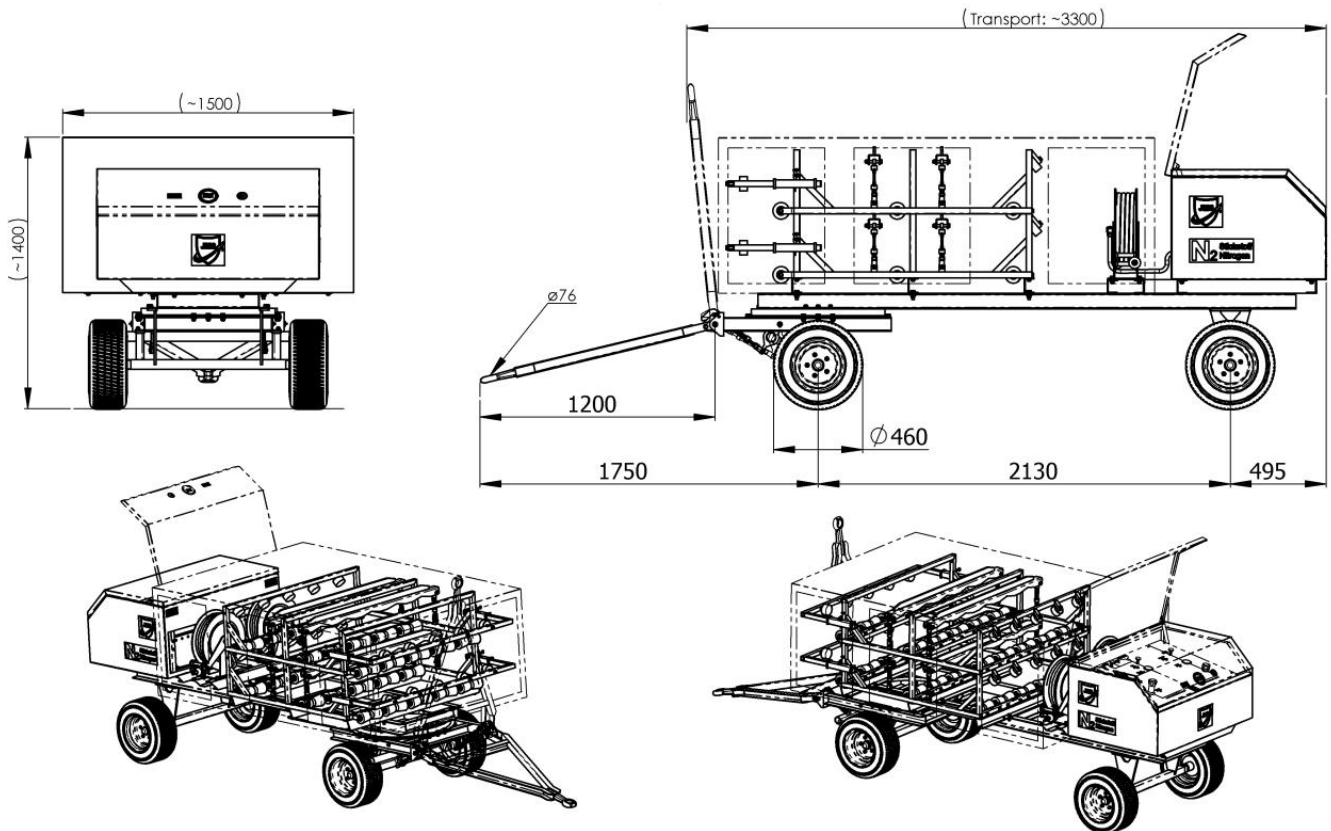


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HRB 705130 Amtsgericht Freiburg i.Br.
VAT Reg No/USt.-IdNr.: DE270217003

Doc. No. TDS J-CART-10BN-DME_R00.docx

J-CART-10BN-DME



General description:

Nitrogen service cart for aircraft tire/shock-strut servicing. Allows safe and easy carrying of up to ten (10) nitrogen bottles for onsite-service. Nitrogen system consists of one low-pressure (LP) circuit for aircraft tire inflation servicing and one high-pressure (HP) circuit for shock-strut/oleo servicing including high-capacity air/nitrogen-driven booster pump.

Chassis:

- Sturdy trailer in welded steel-frame design, frame hot-dip galvanized
- Front and rear axle spring-suspended
- Towing bar with tow-eye diam. 2"/50mm, including stop-brake in raised/locked position
- Four air-inflated tires, diam. 18"/460mm with steel rim

Cylinder storage:

- Storage rack for safe storage/transportation of up to qty. 10 pressure cylinders as per GOST 949-73 V = 40 Liters, p = 147 bar with a total of 58.800 Liters nitrogen capacity (normalized condition at 1 bar)
- Hard-cover canopy for protecting pressure cylinders against the elements, including access doors for loading/unloading of cylinders
- Finish: monochromatic white paint (RAL 9003)

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Manifold system N2:

- 10 off connection hoses for nitrogen pressure cylinders
- 10 off cylinder adapters G3/4"
- Inline filter
- Manifold/supply pressure gauge, NG63, 250 bar, accuracy class 1,0
- Three-way-valve for periodic calibration
- External filling connection with stop valve and nitrogen filling hose, 5m
- Safety valve set at 165 bar for protecting pressure cylinders during external filling
- Hard-cover/housing for complete N2 system, incl. top lid (gas-spring supported)
- Finish: monochromatic white paint (RAL 9003)

LP (low-pressure) system N2:

- Pressure regulator 0 - 34,4 bar
- Stop valve
- Spring-retracted hose-drum with nitrogen supply hose, 10m

HP (high-pressure) system N2:

- Pressure regulator 1,7 - 250 bar
- Compressor pressure gauge, NG100, 250 bar, accuracy class 1,0
- Delivery pressure gauge, NG100, 250 bar, accuracy class 1,0
- Safety valve set at 240 bar
- Stop valve
- Spring-retracted hose-drum with nitrogen supply hose, 10m3
- Venting valve

Compressor system N2:

- High-volume air/nitrogen-driven gas booster (displacement volume 60cm³)
- Air supply unit for external compressed air including pressure regulator, pressure gauge, stop valve
- Nitrogen supply unit for use of internal nitrogen including pressure regulator, pressure and stop valve
- Internal filling function, allowing the use of air/nitrogen-driven gas booster for re-filling of on-board pressure cylinders

Documentation:

- Operation and maintenance manual in ENGLISH and RUSSIAN language, including illustrated spare parts list
- N2 system test certificate
- Calibration certificates for pressure gauges

Shipping dimensions:

Approx. Weight	Approx. shipping Dim. l x w x h	Approx. Volume
[kg] 750	[mm] 3400 x 1450 x 1680	[m ³] 8,3
[lbs] 1655	[inch] 134 x 57 x 66	[ft ³] 293