

## Dimension Sheet / Technical Data

B143R11V4

### Mini Series

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The service cart of the mini-series for liquid storage offers the best entry into professional gas handling in the medium voltage range and thus, allow gas recovery down to < 5 mbar. Equipped with the well-proven DILO components this service cart allows the recovery, filling and purification of SF<sub>6</sub> gas as well as the evacuation of air small gas compartments.

This service cart offers semi-automatic operation via a 7" touch screen with protective cover shielding from sunlight and dust. Equipped with four solid tyred wheels, the devices can be conveniently moved on uneven and gravel ground. It is the compact solution for emission-free gas handling thanks to self-closing DILO couplings DN20.



#### Standard version:

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- Oil-free DILO compressor (1.6 m<sup>3</sup>/h (at 50 Hz))
- Oil-free vacuum compressor for recovery of SF<sub>6</sub> gas (3.3 m<sup>3</sup>/h; final vacuum < 5 mbar)
- Vacuum pump for evacuation of air; delivery rate (16 m<sup>3</sup>/h [at 50 Hz], final vacuum < 1 mbar)
- Dry filter (water absorption capacity 60 g at a dew point of -36 °C)
- Particle filter 1 µm
- Operation and indication of important process parameters via 7" touch screen with protective cover
- Indication units in bar / mbar, kPa or psi / torr to be selected on the touch screen
- Pressure reducer 0 - 16 bar
- Crane eyelets
- Standard cylinder connections
- Paint: anthracite-orange
- Fixing and steerable rollers
- 3 m long electrical connecting cable
- Digital weighing scales for SF<sub>6</sub> cylinders (with automatic shutdown), 0 - 120 kg with tare function, accuracy ± 20 g
- Made in India





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### Features:

- Gas Recovery	: < 5 mbar
- Filling Of Gas	: 0 - 16 Bar
- Evacuation Of Air	: < 1 mbar
- Maximum Storage Pressure	: 50 Bar
- Recommended Gas Quantity	: < 40 Kg
- Operation	: Semi-Automatic
- Operating Voltage	: 220- 240V
- Ambient temperature	: 0 to +50 °C
- Operating temperature	: 0 to +45 °C
- Storage temperature	: -20 to +60 °C
- Protection class	: IP54
- Dimension (W x H x D ) ( in mm )	: 750 x 1350 x 730 mm
- Weight ( kg )	: 192 kg (without storage cylinder and transformer)

### Optional Accessories (Additional Price):

- 6-1017-R050	: 5m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends.
- 6-1017-R100	: 10 m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends.
- 6-1017-R150	: 15m long rubber hose DN20 with DILO coupling tongue part DN20 on both ends.

