

## B052INDIAR33 (With 300L Storage Tank) Compact Series

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The service cart of the Compact series for liquid storage offers the best entry into professional gas handling. 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 and venting of gas compartments. **Thus, a 300 L gas compartment with 17.5 kg and 7 bar pe using DN20 hose can be recovered down to 5 mbar in only 75 mins. (TÜV SÜD certified)**

This service cart offers semi-automatic operation via a 3,5" touch screen with protective cover shielding from sunlight and dust. 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 (6.5 m<sup>3</sup>/h (at 50 Hz))
- Oil-free vacuum compressor for recovery of SF<sub>6</sub> (4.8 m<sup>3</sup>/h; final vacuum < 5 mbar)
- Vacuum pump for evacuation of air; delivery rate (40 m<sup>3</sup>/h [at 50 Hz], final vacuum < 1 mbar)
- Dry filter (water absorption capacity 175 g at a dew point of -36 °C)
- Particle filter 1 µm
- Operation and indication of important process parameters via 3,5" touch screen with protective cover
- Indication units in bar / mbar, kPa or psi / torr to be selected on the touch screen
- Fork lift slots
- Crane eyelets
- Standard cylinder connections
- Wrenches for DILO couplings and filters
- Tarpaulin cover for device protection
- 300l pressure vessel with pneumatic wheels
- Digital weighing scales for SF<sub>6</sub> cylinders (with automatic shutdown), 0 - 120 kg with tare function, accuracy ±0.02 %
- Made in India





## Features:

|                                 |                     |
|---------------------------------|---------------------|
| - Gas Recovery                  | : < 5 mbar          |
| - Filling Of Gas                | : 0 - 10 Bar        |
| - Evacuation Of Air             | : < 1 mbar          |
| - Maximum Storage Pressure      | : 50 Bar            |
| - Tank Capacity                 | : 300 L             |
| - Recommended Gas Quantity      | : < 300 Kg          |
| - Operation                     | : Semi-Automatic    |
| - Operating Voltage             | : 380- 440V         |
| - Ambient temperature           | : 0 to +50 °C       |
| - Operating temperature         | : 0 to +45 °C       |
| - Storage temperature           | : -20 to +60 °C     |
| - Protection class              | : IP54              |
| - Dimension (L x W x H) (in mm) | : 1850 x 950 x 1725 |
| - Weight (kg)                   | : 915 kg            |

## 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.  |



## Guaranteed Technical data

### B052INDIAR33



|                       |   |                      |                              |                   |
|-----------------------|---|----------------------|------------------------------|-------------------|
| <b>Pressure tank:</b> | <b>Max. admissible pressure</b>                                   | <b>Test pressure</b> | <b>Operating temperature</b> |                   |
|                       | 50 bar  | 71,5 bar             | -10 bis+50 <sup>0</sup> c    |                   |
| <b>Dimensions:</b>    | <b>Length</b>   | <b>Width</b>         | <b>Height</b>                | <b>Net Volume</b> |
|                       | mm  | mm                   | mm                           | <b>weight</b>     |
|                       | 1850  | 950                  | 1725                         | 915 kg            |
| <b>Compressor:</b>    | For recovery of SF6: delivery rate: [6.5 m3/h (at 50Hz)]          |                      |                              |                   |
| <b>Vacuum</b>         | For recovery of SF6 (4.8 m3/h [at 50 Hz], final vacuum<5 mbar)    |                      |                              |                   |
| <b>Compressor:</b>    |   |                      |                              |                   |
| <b>Vacuum pump:</b>   | For evacuation of air (40 m3/h [at 50 Hz], final vacuum < 1 mbar) |                      |                              |                   |

