



## PICCOLO SERIES SERVICE CART

When portability and ease of use is needed for small to medium size gas-insulated equipment, look no further than the L030R02 Piccolo. The Piccolo series was developed for the purpose of servicing SF<sub>6</sub> volumes between 60-100lbs quickly and efficiently within a zero-emission operating environment. This fully featured cart can perform all functions necessary to process SF<sub>6</sub> gas to near-new condition.

Standard functions include:

- Removal of SF<sub>6</sub> to achieve >99.99% gas recovery.
- Cleansing of SF<sub>6</sub> during the recovery and filling functions
- Evacuate a gas compartment to remove ambient air and moisture after breaker entry
- Refilling of reclaimed SF<sub>6</sub> from an external cylinder

The Piccolo's operation has been designed with total simplicity in mind. This unit offers a single "do-all" service port, along with proprietary set-and-forget software that allows even the least experienced individual to operate this cart without issue. When combined with other on-board equipment, such as an integrated scale and venting ball valve, it becomes clear that DILO has put forth the effort to provide the most versatile and efficient service cart available in its class.

- Device for liquid storage of SF<sub>6</sub> gas
- SF<sub>6</sub> gas recovery down to < 1 mbar
- Semi-automatic control and 3.5" colour touch panel
- Optional remote control via mobile devices
- Reversing switch for direction of rotation
- Digital weighing scales for SF<sub>6</sub> bottles
- Residual gas recovery down to 1 mbar during filter change
- Reduction to transport pressure as integrated special function



### Technical Information:

Dimensions	47.2" L x 31.5" W x 46.1" H (119.9 x 80.0 x 117.1 cm)
Weight	661 lbs. (299.8 kg)

### Standard Equipment:

B100R40 oilfree DILO compressor (3.2 m <sup>3</sup> /h, [at 50 Hz], 50 bar; 3.8 m <sup>3</sup> /h [at 60 Hz], 50 bar)
Oilfree suction pump for recovery of SF <sub>6</sub> (3 m <sup>3</sup> /h, final vacuum < 1 mbar)
Vacuum pump for evacuation of air (25 m <sup>3</sup> /h, final vacuum < 1 mbar)
Operation and indication of important process parameter via 3.5" colour touch panel with protective cover
Drying and particle filter
Digital weighing scales for SF <sub>6</sub> bottles (with automatic switching off), 0 - 120 kg with tare function, accuracy ± 20 g
10 foot (3 m) storage connecting hose DN8 with DN20 couplings
SF <sub>6</sub> Leak Pointer
DN20 Quick Coupling w/ cap



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### Operating Voltage:

208 - 240 V / 60 Hz 3-phase current	included
380 - 440 V / 50 Hz or 380 - 480 V / 60 Hz 3-phase current	6-030SP-R012

### Hose Options:

16 foot (5 m) Rubber hose with DN20 female couplings	6-1017-R050
33 foot (10 m) Rubber hose with DN20 female couplings	6-1017-R100
16 foot (5 m) Stainless Steel braided hose with DN20 couplings PN 40 bar	6-1024-R050
33 foot (10 m) Stainless Steel braided hose with DN20 couplings PN 40 bar	6-1024-R100
16 foot (5 m) stainless steel braided hose with DN20 couplings on both ends PN 64 bar	6-1365-R050
33 foot (10 m) stainless steel braided hose with DN20 couplings on both ends PN 64 bar	6-1365-R100

\*Additional hoses available upon request

### Accessories:

DN20 Adapter Kit	<ul style="list-style-type: none"> <li>• Connection adapters for common breaker types.</li> <li>• Watertight, crushproof, and dust proof case with custom cut foam for each fitting and a second layer for additional storage</li> </ul>	DN20 V2 Adapter Kit
High Capacity Pre-Filter Unit:	<ul style="list-style-type: none"> <li>• Drier filter for processing of moisture and arc byproducts</li> <li>• Particle filter</li> <li>• DILO DN20 self-sealing connections</li> <li>• Also needed: 16ft. DN20 service hose (6-1017-R050)</li> </ul>	B007R22
Pre-Filter Cores For B007R22	Particle filter core	3-377-08
Pre-Filter Cores For B007R22	Moisture and decomposition core	3-899-06
Additional 6.6ft. Wire-Braided Service Hose	<ul style="list-style-type: none"> <li>• Can be used in conjunction with the above listed pre-filter</li> <li>• DN20 female couplers</li> </ul>	6-1024-R020
Integrated Dew Point Tester	<ul style="list-style-type: none"> <li>• Shows the moisture content of the on board drying filter</li> <li>• Not intended for SF<sub>6</sub> testing</li> </ul>	6-030TF-R011
External Cylinder Weight Scale	<ul style="list-style-type: none"> <li>• Resolution: 0.1lbs</li> <li>• Accuracy +/- 0.1lbs (Exceeding the accuracy requirements by EPA &amp; CARB minimum standard of +/- 2 lbs)</li> <li>• Small, lightweight and stable</li> <li>• Uses an AC power supply or batteries</li> <li>• Digital display with upper set-points</li> <li>• Safe, unsupervised operation</li> </ul>	K091R165
Optional Cylinder Weight Scale Case	Transport case for the K091R165 Cylinder Weight Scale	K091R165-Case
Tarp Cover for L030	Protective / removable tarp cover	6-030KA-R001
Remote Operations	Wifi operation via mobile device (i.e. smart phone, tablet, iPad, or laptop)	On request
*Special version for trailer mount	L030 system for trailer mount <ul style="list-style-type: none"> <li>• Without casters</li> <li>• Without integrated weight scale</li> </ul>	L030R05



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### Spare Parts Kit:

Annual maintenance package for SF <sub>6</sub> dry filter, particle filter and vacuum pump (25 m <sup>3</sup> /h)	6-1048-R302
Spare parts kit for compressor	6-1081-R020
Spare part kit (SF <sub>6</sub> dry and particle filter)	6-1101-R111