



■ ECONOMY SERIES

L057R01/R51

SF₆ gas service carts

DILLO is proud to introduce the all new L057. This model captivates with its compact construction and modern design while integrating state-of-the-art technology and ergonomics.

There's nothing we haven't thought of, from the integrated drawer for adapters and hoses to the digital weighing scales. Modern control technology in conjunction with a user-friendly interface in several languages make device operation simple and convenient. The external covering of the device protects the integrated components and considerably reduces operating noise. Thanks to various options, the device can be configured to meet any customer's needs.

A protective, shading cover combined with a swiveling control panel allows glare-free and ergonomic operations at the optimal working height. An additional USB and Ethernet connection is integrated in the control panel for data exchange.

This device is a culmination of decades of SF₆-specific R&D, which guarantees end-users the most cutting-edge technology and intuitive controls on the market.



- Devices for liquid storage of SF₆ gas
- Gas recovery down to < 1 mbar
- Automatic control and 10" capacitive multi-touch panel
- Optional remote control via mobile devices
- Reversing switch for direction of rotation
- Digital weighing scales for SF₆ cylinders
- Residual gas recovery down to 1 mbar during filter change
- Automated special functions for emission-free maintenance of the device
- All versions are available with tanks that can be assembled under the device; with CE marking or optionally with SQL or ASME approval
- The service carts can also be mounted onto a trailer, if required





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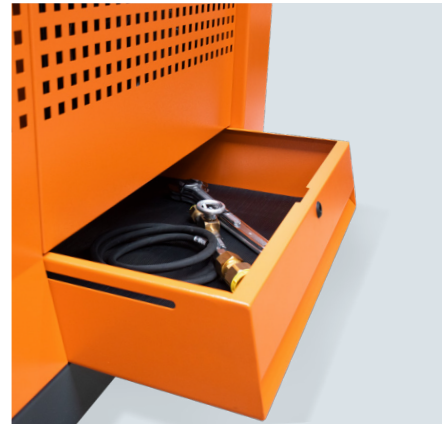
L057R01/R51
SF₆ gas service carts
For liquid storage



A swiveling control panel allows ergonomic working.



Operation, indication of the important process parameters and illustration of the selected gas flow on the control panel. Indication units (e.g. bar/mbar/kg) can be selected directly on the panel.



Lockable drawer for storing tools, adapters and hoses.



With TÜV SÜD confirmed performance data





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SF₆ gas service carts**Technical data:**

Dimensions: 72.8" L x 37.4" W x 53.1" H (1,850 mm x 950 mm x 1,350 mm)
Weight: 1165 lbs. (755 kg)

Standard equipment:

TM 5.0 B oil-free DILLO compressor; delivery rate: [6.5 m ³ /h (at 50/60 Hz)] at medium suction pressure with SF ₆
Oil-free suction pump for recovery of SF ₆ gas [15 m ³ /h (at 50 Hz); 18 m ³ /h [at 60 Hz], final vacuum < 1 mbar)
Vacuum pump for evacuation of air (40 m ³ /h [at 50 Hz]; 48 m ³ /h [at 60 Hz], final vacuum < 1 mbar)
Operation and indication of the important process parameters via 10" multi-touch panel with protective cover
Evaporator
Dry filter (water absorption capacity: 175 g at a dew point of -32.8 °F / -36 °C)
Particle filter 1 µm
Selectable pressure and vacuum units
Fork lift provisions
Crane eyelets
Tool tray as storage
Different wrenches
Protection class IP54
Sound pressure level < 70dB(A)
Paint: anthracite-orange
Operating manual

Operating voltage for service carts (3-phase current ranges to be selected):

208 - 240 V / 60 Hz	Standard
380 - 440 V / 50 Hz or 380 - 480 V / 60 Hz	6-057SP-R012





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Mounted onto a pressure tank / storage



L057R01 with 300 l pressure tank

Optional additional equipment (mounted) at an extra charge :
(ASME available upon request)

	Storage capacity	Length	Width mm	Hight mm	Net weight	Article No.
300 l / 50 bar pressure tank in accordance with 2014/68/EU regulations and CE marked with electronic weight indication, fixing and steerable rollers	617 lbs. 280 kg	72.8 in. 1,850 mm	37.4 in. 950 mm	73.2 in. 1,860 mm	2,469 lbs. 1,120 kg	B179R01L057
600 l / 50 bar pressure tank in accordance with 2014/68/EU regulations and CE marked with electronic weight indication, fixing and steerable rollers	1,279 lbs. 580 kg	72.8 in. 1,850 mm	37.4 in. 950 mm	73.2 in. 1,985 mm	2,954 lbs. 1,340 kg	B179R02L057
300 l / 50 bar pressure tank in accordance with 2014/68/EU regulations and CE marked with electronic weight indication, chassis with solid tired wheels	617 lbs. 280 kg	98.4 in. 2,500 mm	41.3 in. 1,050 mm	81.7 in. 1,945 mm	2,976 lbs. 1,350 kg	B179R11L057
600 l / 50 bar pressure tank in accordance with 2014/68/EU regulations and CE marked with electronic weight indication, chassis with solid tired wheels	1,279 lbs. 580 kg	98.4 in. 2,500 mm	41.3 in. 1,050 mm	81.7 in. 2,075 mm	3,637 lbs. 1,650 kg	B179R12L057
4- cylinder storage rack- DOT/ISO approved cylinders with electronic weight indication	460 lbs. 209 kg	102.5 in. 6,604 mm	59.5 in. 1511 mm	20.25 in. 514 mm	825 lbs. 374 kg	C-400-US
4-cylinder storage rack- DOT/ISO approved cylinders with electronic weight indication and mounting provisions for T-MA1 Phase Master	460 lbs. 209 kg	96 in. 2,438 mm	48 in. 1,219 mm	27 in. 686 mm	1,025 lbs. 466 kg	C-44-L057-W
6-cylinder storage pack- Vertical cylinder rack with DOT/ISO approved cylinders.	690 lbs. 313 kg	30 in. 762 mm	21 in. 534 mm	81.5 in. 2,070 mm	1,036 lbs. 471 kg	C-600-Pack



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Can be mounted onto a trailer with the following accessories:



Dual-axle trailer shown with optional 35kW diesel genset

Standard Equipment:

- DOT Approved
- All aluminum walk-in enclosure
- LED lighting
- Torflex axels
- Electric brakes
- 3" Pintle eye, w/adjustable height
- Breakaway switch
- Spare tire
- 3/16" steel deck
- Split rear door
- 30" side service door
- Rear stabilizing jacks

Description:

Single axle trailer, 10' x 6' x 7' 7,000 lb. GVW Dimensions : length 168" L x 86" W x 102" H (4.27 x 2.18 x 2.59 m) / Additional weight: 1,750 lbs. (794 kg)	T-106-70
Dual axle trailer, 12' x 8' x 7.5' 14,000 GVW Overall trailer dimensions : 192" L x 102" W x 113" H (4.88 x 2.59 x 2.87 m) / Additional weight: 2,420 lbs. (1,098 kg)	T-81275-140
Dual axle trailer, 16' x 8' x 7.5' 14,000 GVW Overall trailer dimensions : 240" L x 102" W x 113" H (6.10 x 2.59 x 2.87 m) / Additional weight: 2,450 lbs. (1,098 kg) Includes compartment for generator	T-81675-140

Options:

Hose reel with 15 m long hose DN20	K197R100
Pre-filter unit DN20	B007R22
Trailer deluxe package- Interior lights, 120 V receptacles, hose hangers	T-DP
Trailer external lighting package- 4x recessed LED lights w/ switches	T-EL
Trailer grounding package	T-GP
Trailer vacuum pump heater package- wall mounted next to vacuum pump	T-HP
Single phase operation- for trailer mount only	T-MA-1
13 Kw Diesel Genset- tier 4 generator (2 year, 2,000 hour warranty)	T-MEC13D0-T4F





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Optional additional equipment (mounted) at an extra charge for all service carts of the Economy series:

Additional price for electrical special voltage 200 V / 50 - 60 Hz 3-phase current	6-057SP-R017
Additional price for electrical special voltage 210 - 240 V 50 Hz 3-phase current	6-057SP-R018
Additional price for electrical special voltage 600 V / 60 Hz 3-phase current	6-057SP-R019
Vacuum pump, (63 m ³ /h [at 50 Hz]; 76 m ³ /h [at 60 Hz]), final vacuum < 1 mbar	6-057VP-R001
Vacuum pump, (100 m ³ /h [at 50 Hz], 120 m ³ /h [at 60 Hz]), final vacuum < 1 mbar	6-057VP-R002
Two-stage vacuum pump with exhaust filter, type RH0060, nominal suction capacity (55 m ³ /h [at 50 Hz]; 65 m ³ /h [at 60 Hz]), final vacuum 0.0067 mbar	6-057VP-R007
Automatic control and switch off function (evacuation, filling, recovery of SF ₆) when reaching the corresponding final values	K141R11
Dew point control for dry filter	K129R08
Tarp	6-057KA-R002
Chassis with solid tired wheels Ø 400 mm	6-057FG-R001
Exhaust control for vacuum pump	K203R01
Additional coupling DN20 for simultaneous evacuation and recovery or filling	K177R12
Filling up to pa 15 bar instead of pa 10 bar	K205R02
Recovery of storage tank down to 1 mbar	K204R01
Remote control (Wi-Fi) via mobile devices	K176R13

Optional equipment at an extra charge for all service carts of the Economy series:

16 ft/5 m long rubber hose DN20 with DN20 couplings PN 50 bar	6-1017-R050
33 ft/10 m long rubber hose DN20 with DN20 couplings PN 50 bar	6-1017-R100
16 ft/5 m long wire braided hose DN20 with DN20 couplings PN 64 bar	6-1365-R050
30 ft/10 m long wire braided hose DN20 with DN20 couplings PN 64 bar	6-1365-R100
DN20 Adapter Kit for joining storage hoses to common SF ₆ connection types	Adapter Kit DN20 V2
DN20 manifold: 4 port with 4x DN20 ball valves and 4x DN20 male couplings	3-718-R036
Storage manifolds: 4 or 6 port with DN20 & DN8 male couplings, covering caps, DN8 storage, and rugged case	D-240-R002/ D-260-R002
DN20 manifold: 4 port with 4x DN20 male couplings, covering caps, and rugged case	D-220-R002
Electrical connecting cable 5 x 6 AWG 9 for 380 - 600 V (available lengths 5 - 30 m)	6-1053-R003
Electrical connecting cable 5 x 10 AWG 7 for 200 - 240 V (available lengths 5 - 30 m)	6-1053-R005
Steerable rolling wheels with lock function for easy transport	K223R057

Service and spare parts kits for L057R01/51:

Annual maintenance service <ul style="list-style-type: none"> • Replace all filters and vacuum pump oil • Perform a comprehensive inspection at the beginning and end of service • Hands-on operational training during visit • Additional services upon request 	D-910-R100
Annual maintenance kit for L057 with standard vacuum pump (40 m ³ /h)	6-1048-R401
Annual maintenance kit for L057 with 6-057VP-R001 / R002 vacuum pump	6-1048-R421
Annual maintenance kit for L057 with 2-stage 6-057VP-R007 vacuum pump	6-1048-R424
Spare parts kit for compressor	6-1010-R011
Spare filter kit (for SF ₆ dry and particle filter)	6-1101-R121

