



EN

# TANKVAC SQ

Self-supported high capacity vacuum for fluid extraction

TANKVAC SQ is a 600 liters self-supported emptying vacuum with fine filtration before the discharge port. It is ideal for emptying machine-tool lubricants.

TECHNOLOGY  
**TURBO®**

FILTRATION  
**FINE**

# TANKVAC SQ

The TANKVAC SQ enables the collection of all kinds of non-corrosive industrial fluids.

It separates chips, sludge and sediments from the vacuumed fluid. The discharge is either direct, to evacuate the fluid, or goes through the integrated fine filtration to refill with the regenerated fluid.

Devices from the TANKVAC SQ range have a 600 liters internal capacity allowing the full emptying of most machine-tools lubricant tanks. As all the TANKVAC and OPTIMOIL it has simultaneous suction/discharge which basically gives it an unlimited capacity.

Its "cubic" design makes the TANKVAC SQ compact and narrow, facilitating its way between machines. Its grip bar and polyurethane-tired wheels improve its maneuverability, while its forkliftable chassis and optional towing drawbar make it easy to move the device.



603M TC

## TECHNOLOGY TURBO®



WATCH THE VIDEO

This patented auto-adaptive multi motors technology is unique on the market. It enables the device to detect the suction context and automatically switch its motor settings to favor powerful vacuum (serial motors) or high flow rate (parallel motors). Thus, it works just as well on liquids as solids!



• **Vacuum (x2)**  
Liquids vacuuming (charged fluids, oils, sludge...)



• **Flow rate (x3)**  
Solids vacuuming (lubricated chips, dust...)



## FILTRATION FINE



The fine filtration (20 or 5 µm) integrated upstream the discharge port enables the direct reuse of the fluid into the process. Significant time & money savings!

The L-TECH™ cartridge has a very high filtration area (5 m<sup>2</sup>) and is washable and reusable.



## DETAILS



### A. Liquids / solids separation

15l stainless steel basket for 2000 µm prefiltration.



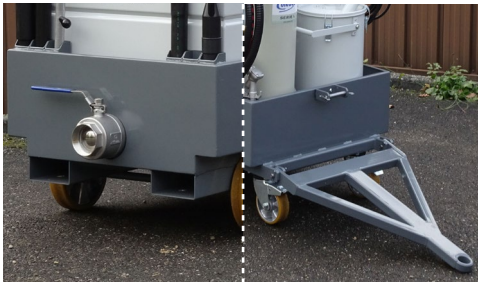
### B. Simplified cleaning and safety

Gravity draining coupled to a 3 tilted wall bottom. 3" lockable valve for quick emptying and avoid accidental spills.



### C. Handling

Grip bar and polyurethane swivel castors in the front and large diameter castors in the back.



### D. Mobility

Forkliftable or towable with optional drawbar for maximum mobility.



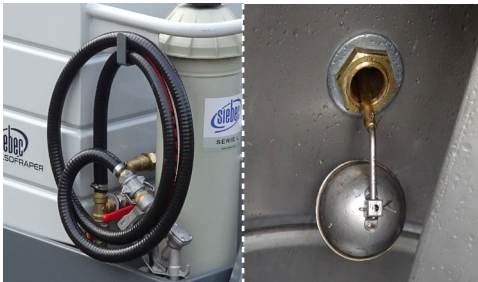
### E. On-board accessories

Accessory holder on drip tray.



### F. Optimal mobility

"Cubic" design for a narrow and compact device.



### D. Controlled and secured emptying

Discharge by removable pistol grip on cam fitting. Mechanical shut-off float as standard and electrical shut-off float as an option.



### E. On-board filtration and sludge tank

Although compact, the design allows for the integration of fine filtration and optional sludge tank.

## OPTIONS



### Sludge tank (30 liters)

Separated sludge or chips collections. 3m long hose included.



### HP effect lance

For easy cleaning of tanks.



### Prefiltration bag

To turn 2000 µm prefiltration into 200 µm.



### Fine filtration

Fine filtration at the discharge port on 5 or 20 µm cartridge.



### Traction tow-bar

Enables traction of TANKVAC SQ for fast moving.



### Electrical cut-off float

Stops the vacuum motor for maximal safety.

## SPECIFICATIONS

TANKVAC SQ have a 600 liters capacity and are available in 3 different motorization.

The 4 kW three-phase version, entry-level, is perfectly suited for the usual emptying of machine-tools lubricant tanks.

The 5,5 kW three-phase version with double stage impeller is more suited when there are high quantities of chips in the tank to empty.

The ultimate 3M TC version will be appreciated for the tremendous power and versatility that TURBO® technology provides while being connected to a very common 230V single-phase 16A power supply.



**SQ 603M TC**



**SQ 604**



**SQ 605**

	<b>SQ 603M TC</b>	<b>SQ 604</b>	<b>SQ 605</b>
<b>Capacity (liters)</b>	600	600	600
<b>TURBO® technology</b>	Yes	No	No
<b>Suction &amp; discharge</b>	Yes	Yes	Yes
<b>Power supply</b>	230V Single-phase	400V Three-phase	400V Three-phase
<b>Power (kW)</b>	3.3	4	5.5
<b>Drip tray</b>	Yes	Yes	Yes
<b>Accessory holder</b>	Yes	Yes	Yes
<b>Total gravity draining</b>	Yes	Yes	Yes
<b>2000 µm prefiltration basket</b>	Yes	Yes	Yes
<b>Fine filtration [outlet] ( 5 µm max)</b>	Optional	Optional	Optional
<b>Max vacuum (mmH<sub>2</sub>O)</b>	3800	2900	2900
<b>Max air flow (m<sup>3</sup>/h)</b>	480	370	520
<b>Suction hose diameter</b>	Ø50	Ø50	Ø50
<b>Trailer dimensions (tow bar not included) (L x P x H mm)</b>	800x1800x1670	800x1800x1860	800x1800x1960

## RECOMMENDED ACCESSORY KIT - Ø50 MM

1. Semi-rigid PE-metal cane (90 cm)
2. Straight PE cane (90 cm)
3. Flat spout (120 mm width)
4. Flat beveled spout
5. Reinforced suction hose with knurled screwed sleeves (3 or 6 m)
6. Discharge hose, 3 m extension with M/F camlock (optional)
7. Floor nozzle (optional)



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Photos and specifications are not contractual.

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