

NZX 25001



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TANKVAC HV



Self-supported ultra-high capacity vacuum for fluid extraction

TANKVAC HV is a ultra-high capacity trailer mounted vacuum for fluid extraction with fine filtration at the discharge. It is ideal for vacuuming out and transferring large volumes of lubricants and non-foaming detergents.

TECHNOLOGY
HV®

TECHNOLOGY
TURBO®

FILTRATION
FINE

TANKVAC HV

TANKVAC HV is the combination of an extremely powerful suction, and the HV® transfer function, up to 250 l/min with an on-board capacity of 1000 to 4000 liters.

Available in a towable carriage version with large diameter solid tires and a skid version that can be handled by a forklift or electric pallet truck, it is suited to all industrial sites types.

With a 304L stainless steel suction/transfer intermediate tank and a large capacity HDPE storage tank, it is perfectly adapted to the emptying of lubricant tanks, but also of non-foaming detergent products.



1203M TC HV



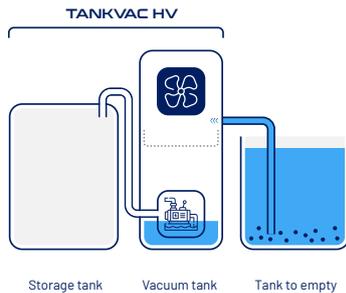
1209 TURBO HV

TECHNOLOGY HV®

This patented SIEBEC SOFRAPER exclusivity allows ultra-fast transfer of liquids while guaranteeing complete cleanup of tanks, without any residues liquids nor solids.

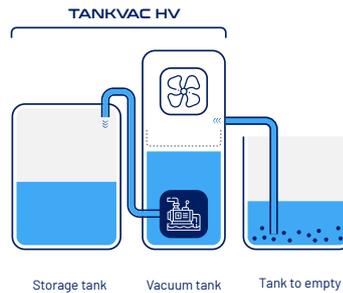


WATCH THE VIDEO



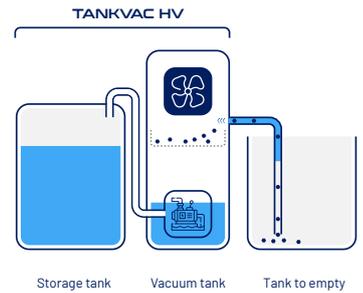
1. Standard suction

Enables the filling of the vacuum tank in order to prime the transfer pump.



2. Transfer up to 250 l/min

Once the pump submerged, the high velocity transfer automatically switches on !



3. Tank bottom suction

Allows the vacuuming of liquids and solids remaining at the bottom of the tank.

TECHNOLOGY TURBO®



WATCH THE VIDEO

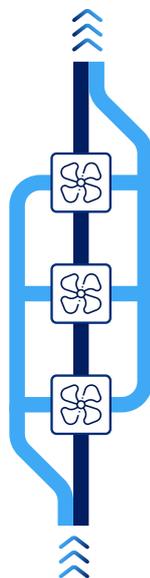
This patented auto-adaptive multi motors technology is unique on the market. It enables the device to detect the suction context and automatically switch its motor settings to favor powerful vacuum (serial motors) or high flow rate (parallel motors). Thus, it works just as well on liquids as solids!



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



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



FILTRATION FINE



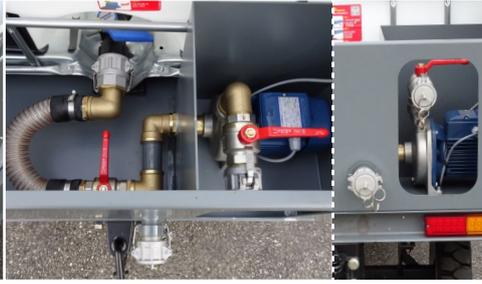
The fine filtration (20 or 5 µm) integrated upstream the discharge port enables the direct reuse of the fluid into the process. Significant time & money savings! The L-TECH™ cartridge has a very high filtration area (5 m²) and is washable and reusable.



DETAILS



A. Liquids / solids separation
15 l stainless steel basket for 2000 µm prefiltration.



B. Emptying of the storage tank
Gravity assist draining or via an external pump, with camlock connections and selection valve.



C. Outdoor mobility
Towable version with large diameter solid wheels. Double steering axle on the 4000 versions.



D. Handling
SKID version can be picked up by forklift or electric pallet truck with long forks.



E. Parking break
Via brake pads upon lifting of the tow bar.



F. Intermediate vacuum tank
304L stainless steel tank + submerged pump + low and high level floats for automatic HV mode + draining.



G. Safety
Electrical level indicator with stop on full storage tank + total retention.



H. Versatility
On-board fine filtration at the discharge port and sludge tank at the back, depending on the nature of the emptying job.



I. Ergonomics
Accessory support for dripping, pistol grip with discharge mode selection valve.

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.



Auxiliary tank
Double the TANKVAC HV capacity.

SPECIFICATIONS

TANKVAC HV with a storage capacity of 1000 liters are both available in skid and carriage versions.

The 4000 liters version, 4211 TURBO HV, exists in P version (parallel pumps) and S version (serial pumps) to prioritize flow rate or vacuum, depending on the client needs.

Available in a 11 kW standard version, TANKVAC 4211 TURBO

HV, also exists in 3,3 kW 230V single-phase (4203 TURBO HV) and 5,5 kW 400V three-phase (4205 TURBO HV).



VISUAL NOT AVAILABLE

| | 1203M TC HV | 1205 HV | 1209 TURBO HV | 4211 P / 4211 S TURBO HV |
|---|--|--------------------|--------------------|-------------------------------|
| Capacity (liters) | 1000 + 150 | 1000 + 150 | 1000 + 150 | 2000 (x2) + 150 |
| TURBO® technology | Yes | No | Yes | Yes |
| Suction & discharge | Yes | Yes | Yes | Yes |
| Power supply | 230V Single-phase | 400V Three-phase | 400V Three-phase | 400V Three-phase |
| Power (kW) | 3.3 | 5.5 | 9.5 | 11 |
| Full retention | Yes | Yes | Yes | Yes |
| Total gravity draining | Yes | Yes | Yes | Yes |
| 2000 µm prefiltration basket | Yes | Yes | Yes | Yes |
| Fine filtration [outlet] (5 µm max) | Optional | Optional | Optional | Optional |
| Max vacuum (mmH₂O) | 3800 | 2900 | 5000 | P : 4900 / S : 6800 |
| Max air flow (m³/h) | 480 | 520 | 750 | P : 1000 / S : 560 |
| Suction hose diameter (mm) | Ø50 | Ø50 | Ø50 | Ø50 |
| Mobility | Single steering axle trailer or skid version | | | Double steering axle carriage |
| Trailer dimensions (tow bar not included) (W x L x H mm) | 1120 x 2400 x 1850 | 1120 x 2400 x 2100 | 1120 x 2400 x 2100 | 1580 x 3500 x 2450 |
| Skid dimensions (W x L x H mm) | 1120 x 2440 x 1530 | 1120 x 2440 x 1780 | 1120 x 2440 x 1780 | On demand |

Note: 4000 liters version also available in 3,3 kW 230V single-phase and 5,5 kW 400V three-phase.

INCLUDED ACCESSORIES

0. Straight PE pipe Ø50 mm HDPE with anti-suction spout and male camlock fitting for HV transfer

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. Suction & discharge hose with M/F camlock fittings (3, 6 or 10 m)
6. Floor nozzle (optional)



SOFRAPER SAS
15 chemin des bois | 73100 Ville-la-Grand | FRANCE
contact@sofraper.com | +33 4 76 93 12 09 | www.sofraper.com

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