

**Compressed Air Use**

**BLOVAC®**

**Industrial Vacuum Cleaner**

# **BLOVAC CLEANER**

**Quick Change to a Cleaner by just setting onto a pail !**

*Standard Type*



CE

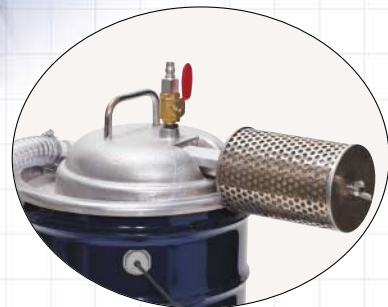
*Economical Type*



*High Vacuum Type*



*Large Capacity Type*



*Silencer Type (with silencer)*

**BLOVAC Co.,Ltd.**

# Industrial Vacuum Cleaner using compressed air


# BLOVAC CLEANER

By just setting onto a pail, BLOVAC CLEANER powerfully collects the unnecessary things that come out at the various work spots such as the factory and the gas station etc. It can be used for water, oil, cutting chips, pellets, dust and sludge etc. regardless dry or wet. And, since there is no rotation part inside, there is no fear of troubles that are caused by wear etc.

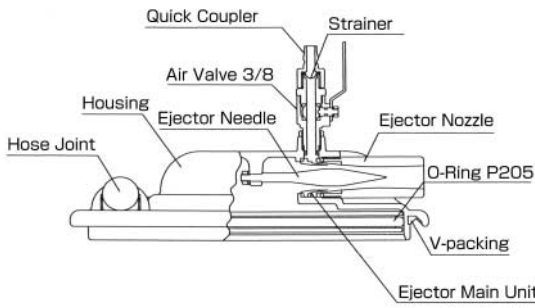
- ◎Quick Change to a Cleaner by just setting onto a pail (O.D. 300mm).
- ◎Maintenance-Free and No Trouble by wear etc.
- ◎Easy to carry thanks to compact design.
- ◎Safe even in the fire-strict-prohibition area.
- ◎No Oil Mist generated.

**Standard Type (A pail is not included.)**

**Model V300 / V500**      <Main Unit>  
Aluminum Alloy Casting



Square Nozzle      Round Nozzle


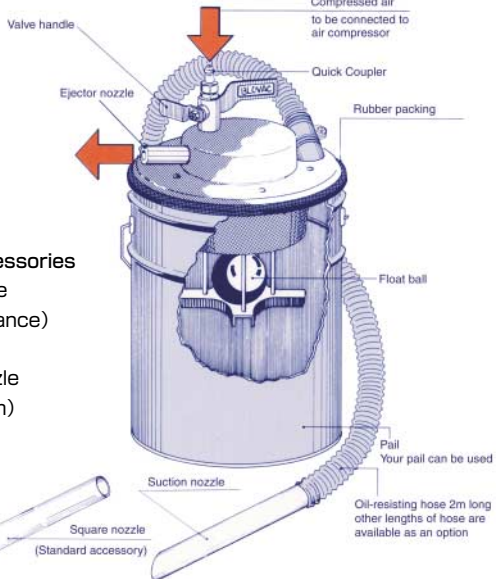


**Standard Accessories**

- Suction Hose (of Oil-resistance)  $\phi 32 \times 2m$
- Suction Nozzle (of Aluminium)  $\phi 32 \times 30cm$

**Economical Type (A pail is not included.)**

**Model V500EX**      <Main Unit>  
Deep Drawing Steel Plate (SPCE)

**Standard Accessories**

- Suction Hose (of Oil-resistance)  $\phi 32 \times 2m$
- Suction Nozzle (of Aluminium)  $\phi 32 \times 30m$
- Oil Stopper

**High Vacuum Type**

**Model V300H / V500H**



This is exclusively for the liquid.  
**VacuumDegree : 7000mmH<sub>2</sub>O at 5kg/cm<sup>2</sup>**  
**Note : Use a reinforced can.**

**Large Capacity Type**


**Model V530W / V550W**



It is possible to suck a large quantity of cutting chips, wooden waste, pellets, dust etc.  
**Note : It is recommended to use an air compressor of more than 10HP.**

**Silencer Type (with silencer)**

**Model VS300 / VS500**

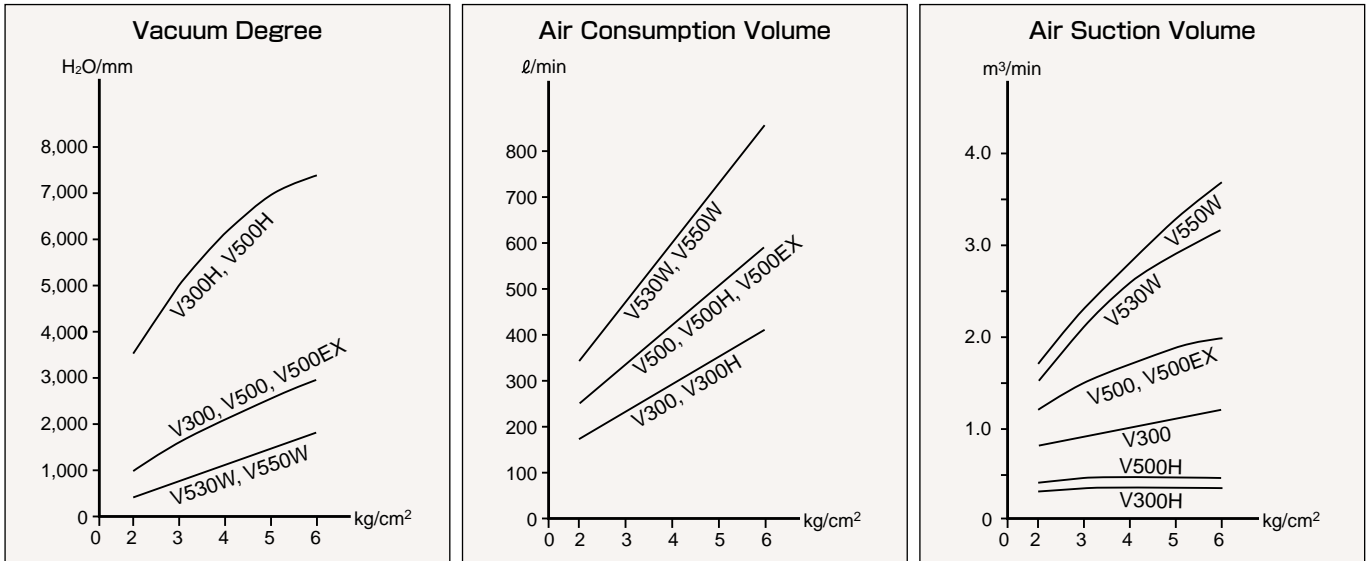


The air exhaust sound is lowered 15dB than the standard type.  
**Note : The silencer cannot be equipped with the large capacity type.**










## Applications

- Oil Exchange of various machines and Collection of Sludge.
- Collection of Cutting Chips etc. at machining factories.
- Collection of Sand and Cutting Chips at foundries.
- Collection of Pellets at injection forming works.
- Collection of Oil and Sewage staying in the manhole and the drain.
- Collection of Punching Chips and Exchange of Hydraulic Oil of press machines.
- Collection of Sludge in car washing machine and Cleaning of car inside at gas stations.
- Collection of Sand and Steel Balls of shot blasting machines.
- Collection of Unnecessary Things that come out at various work spots.

### ■ Specifications



## Special Accessories

Oil Stopper		Filter Set		Mounting Metals		Silencer		Needle *1)	P Frame *2)
									
Code No. OS500 (Standard) OS500W (W Type)	Code No. ① FB70 (Standard) ② FB130 (W Type) ③ FB70P	Code No. F20 (Standard) F20W (W Type)	Code No. KS20 (Standard) KS20W (W Type)	Code No. S30N (for V300) S50N (for V500)	Code No. 50F	for V300 for V500		Code No. P20	
T-type Nozzle Set *3)			Pail Can Caster *4)		Exclusive Can *5)				
									
for V500	for V500	for V500	Code No. PK50S	Code No. PK20R	Code No. HS19L	Code No. 50LD			

\*1) Needle S : Degree of Vacuum is raised approx. 50%

\*2) P Frame : Reinforcement of pail and Separation of cutting chips and oil.

\*3) T-type Nozzle : Cutting chips, fine dust etc. scattered on the floor are efficiently sucked in.

\*4) Pail Can Caster : Movement of the pail is easily done.

\*5) Exclusive Can : 50L Drum (with top cover) /use for collection of large quantities of liquids and cutting chips etc.  
19L Reinforced Stainless Steel Can / use with the high vacuum type.

## Kind of Hose

### Oil-proof (Vynil Chloride) Hose <Standard>



For Water, Oil, Cutting Chips, Wooden Waste etc.

### Wear-proof Hose <Option>



For Consecutive Suction of Cutting Chips etc.  
Use Temperature range : -30°C~80°C

### Stainless Steel Hose <Option>



For General Solvent like Thinner etc.  
©Size :  $\phi 25 \times 2\text{m}$  only

## Model and Type

	Model			Specifications <small>at.5kg/cm<sup>2</sup></small>				
	Standard	with oil stopper	with filter	Oil-proof Hose	Aluminium nozzle	Air Consumption Amount	Vacuum Degree	Air Suction Amount
Standard Type	<b>V300</b>	<b>V300-OS</b>	<b>V300-F</b>	$\phi 25 \times 2\text{m}$	$\phi 25 \times 30\text{cm}$	280 /min	2,600mm/H <sub>2</sub> O	1.1m <sup>3</sup> /min
	<b>V500</b>	<b>V500-OS</b>	<b>V500-F</b>	$\phi 32 \times 2\text{m}$	$\phi 32 \times 30\text{cm}$	450 /min	2,600mm/H <sub>2</sub> O	1.7m <sup>3</sup> /min
Economical Type	<b>V500EX</b>		<b>V500EX-F</b>	$\phi 32 \times 2\text{m}$	$\phi 32 \times 30\text{cm}$	450 /min	2,600mm/H <sub>2</sub> O	1.7m <sup>3</sup> /min
Large Capacity Type	<b>V530W</b>	<b>V530W-OS</b>	<b>V530W-F</b>	$\phi 38 \times 2\text{m}$	$\phi 38 \times 30\text{cm}$	850 /min	2,600mm/H <sub>2</sub> O	3.3m <sup>3</sup> /min
	<b>V550W</b>	<b>V550W-OS</b>	<b>V550W-F</b>	$\phi 50 \times 2.5\text{m}$	$\phi 50 \times 50\text{cm}$	950 /min	2,600mm/H <sub>2</sub> O	3.6m <sup>3</sup> /min
High Vacuum Type	<b>V300H</b>	<b>V300H-OS</b>	—	$\phi 25 \times 2\text{m}$	$\phi 25 \times 30\text{cm}$	280 /min	7,000mm/H <sub>2</sub> O	0.3m <sup>3</sup> /min
	<b>V500H</b>	<b>V500H-OS</b>	—	$\phi 32 \times 2\text{m}$	$\phi 32 \times 30\text{cm}$	450 /min	7,000mm/H <sub>2</sub> O	0.4m <sup>3</sup> /min
Silencer Type (with silencer)								
Standard Type	<b>VS300</b>	<b>VS300-OS</b>	<b>VS300-F</b>	$\phi 25 \times 2\text{m}$	$\phi 25 \times 30\text{cm}$	280 /min	2,600mm/H <sub>2</sub> O	1.0m <sup>3</sup> /min
	<b>VS500</b>	<b>VS500-OS</b>	<b>VS500-F</b>	$\phi 32 \times 2\text{m}$	$\phi 32 \times 30\text{cm}$	450 /min	2,600mm/H <sub>2</sub> O	1.5m <sup>3</sup> /min
High Vacuum Type	<b>VS300H</b>	<b>VS300H-OS</b>	—	$\phi 25 \times 2\text{m}$	$\phi 25 \times 30\text{cm}$	280 /min	7,000mm/H <sub>2</sub> O	0.2m <sup>3</sup> /min
	<b>VS500H</b>	<b>VS500H-OS</b>	—	$\phi 32 \times 2\text{m}$	$\phi 32 \times 30\text{cm}$	450 /min	7,000mm/H <sub>2</sub> O	0.3m <sup>3</sup> /min

## Caution/Maintenance

- (1) Prepare a container(pail) of thicker wall with no bruise and also with the even rim which has not been deformed.
- (2) The capacity of air compressor required is 3HP for V300/V300H, 5HP for V500/V500H and more than 10HP for V530W/V550W.
- (3) The air pressure to be supplied must be below 7kg/cm<sup>2</sup>.
- (4) The temperature of the thing to be sucked must be below 60°C.
- (5) V300H/V500H are only for the liquid. Be sure to use an exclusive can (HS19L) or a can of thick wall according to the exclusive can.
- (6) If the hose is stuffed up or damaged, it causes functional fall. Check it regularly.
- (7) If the strainer in the coupler is blocked, functional fall will occur. Sometimes wash it with the soap water etc.  
(Do not take the strainer out of the coupler)

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