

18,000L Vac Trucks

Designed with the highest possible productivity in mind the TM180-170 vac truck is an extremely efficient and versatile unit suitable for most vacuum excavation tasks. Like the TM80-170 and TM120-170 this unit is for professional vacuum truck owners who deal in large volume projects. Simple to operate and simple to maintain the TM180-170 can be fitted with numerous options to enhance operator safety for example; reverse camera, scales and remote controlled boom. This unit is manufactured to suit a tri-axle semitrailer configuration.



Key Features

- Available in semitrailer configuration.
- Powerful suction – 900 to 1700CFM
- Highly efficient cyclone system greatly reduces maintenance on the filters – up to 500hrs between cleaning
- High volume & high pressure water
- -15”HG up to -22”HG vacuum
- Simple to operate and maintain
- Australian made – full service and support

Model TR 180-170 Specifications

Spoil Tank Details	Type/Description	Imperial	Metric
Tank Capacity		4737 US Gal	18000 L
Tank Size		6’6” x 24’	1.9 x 7.3 m
Door Size		6.2 ft	1900mm
Door Operation	Hydraulic		
Door Lock	Hydraulic		
Tipping Hydraulics	Telescopic Hoist		
Drain Size		6 in	150 mm
Primary Shut Off	Ball		
Water Tank Details			
Tank Capacity		525 US gal	2000 L
Water Fill Type	Hydrant at ground level		
Filtration			
Stages	4		
Cyclones	Yes		



Spoil Tank Details	Type/Description	Imperial	Metric
Filters	Yes		
Number of Filters	13		
Filtration Area		303 ft ²	28.2 m ²
Dimensions	Type/Description	Imperial	Metric
Height		7.9 ft	2.4 m
Length		23.9 ft	7.3 m
Width		7.9 T	2.4 m
Weight Dry		9.9 T	9000 kg
Weight Wet		30.93 T	28125 kg
Suggested Vehicle Size	Tri-axle Semitrailer		
Power Plant Option	Type/Description	Imperial	Metric
Blower Capacity M		1700 CFM	32 m ³ /min
Blower Vacuum		-14 Hg	-49 kPA
Blower Type	Rootes Type		
Efficiency Under Load			
Engine Make	Yanmar		
Engine Model	4TNV98T		
Fuel Type	Diesel		
Cooling	Water		
Power		83 HP	62.5 kW
Drive Type	Belt		
Truck Powered Options			
Blower Capacity		1700-2800 CFM	49 -78 m ³ /min
Blower Capacity Vacuum		-15 to -22 HG	-49 to -79 kPa
Drive Type – split shaft	Truck Engine		
High Pressure Water			
Max Pressure		3600 psi	248 bar
Max Flow		8.42 US gpm	32 lpm
Hose Length		65 ft	20 m
Hose Storage Type	Hose reel		
Vacuum Hose			
Suction Hose Size		4 in	100 mm
Suction Hose Length Std		65 ft	20 m
High Pressure Hose Length		65 ft	20 m
Lance Number			
Mounting Type			
Chassis Mount	Yes		
Skid Mount	As required		

Optional Extras: Vacvator offers a number of options for clients when ordering a new truck or retro-fitting an existing unit.

Need help choosing the right model? **Call 02 4822 4542.**