

ZENITH

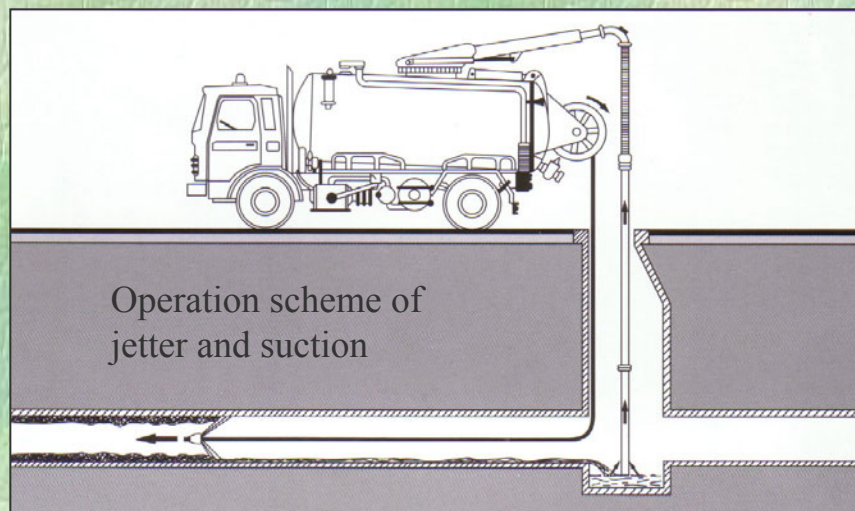
Vacuum Tanker
Tailor-Made to your needs



Tank Capacity :

Water compartment : 500 to 5,000 ltrs

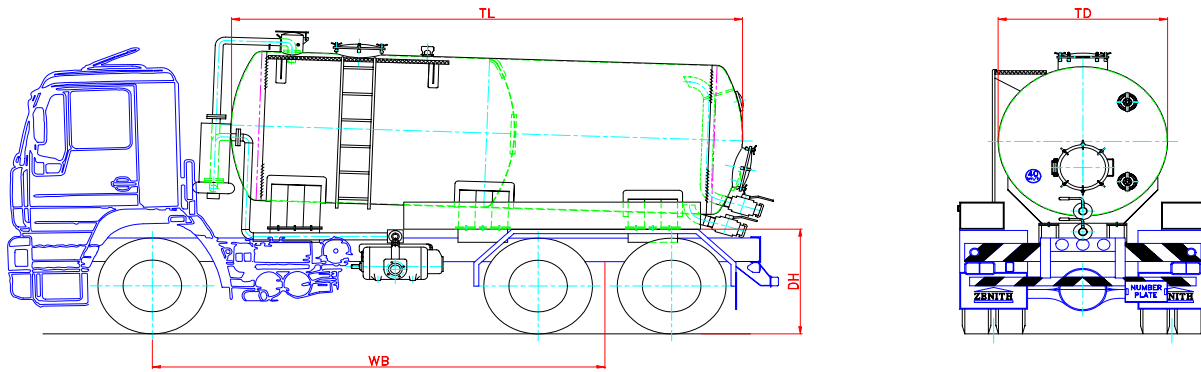
Sludge compartment : 3,000 to 12,000 ltrs



Zenith Engineering Pte Ltd No 34, Joo Koon Circle , Jurong , Singapore 629060
Tel : (65) 6861 1100 Fax : (65) 6862 1948 info@ze.com.sg

IG Zenith Sdh Bhd (480123-H) Lot 6975, Batu 12, Jalan Balakong, 43300 Balakong, Selangor, Malaysia
Tel: (60-3) 8962 1060/61 Fax: (60-3) 8962 1062

VACUUM TANKER (GULLY EMPTIER) - General Specification



Above drawing shows a 6X4 chassis for illustration purpose , a 4X2 chassis is applicable for GVW 20MT and below .

Model			VCT35	VCT50	VCT60	VCT70	VCT80	VCT100	VCT120
Capacity (Tank Volume)	Ltr		3,500	5,000	6,000	7,000	7,800	10,000	12,000
Recommended GVW	kg		8,000	11,500	14,000	15,000	16,000	19,000	24,000
Recommended Wheel Base	WB	mm	3,500	4,100	4,200	4,250	4,300	4,300	4,500
Tank Overall length (approx)	TL	mm	3,400	3,500	3,650	3,900	4,200	4,900	5,000
Tank Diameter (approx)	TD	mm	1,200	1,400	1,450	1,550	1,600	1,650	1,800
Deck Height (approx)	DH	mm	1,100	1,200	1,250	1,250	1,300	1,380	1,420
No. of compartments			single	single	single	single	single	single	single
Shell Thickness	mm		5.0	6.0	6.0	6.0	6.0	6.0	6.0
Dishhead Thickness	mm		6.0	6.0	6.0	6.0	6.0	6.0	6.0
PUMP (PTO - Pulley driven)									
Free Air Flow	m ³ /min		9.0	10.0	10.0	10.0	14.0	15.0	15.0
Cooling			Air	Air	Air	Air	Air	Water	Water
Maximum vacuum	%		92.0	92.0	92.0	92.0	92.0	95.0	95.0
Noise level (60% vacuum at 7m)	dB		78.0	78.0	78.0	78.0	78.0	75.0	75.0
Pump weight (approx)	kg		175.0	175.0	175.0	175.0	240.0	350.0	350.0

Tolerance for above dimensions & specifications : +/- 3 %

TANK

Design Code	: ASME Section VIII Division I
Working Pressure	: 2.0 bar
Tank type	: Cylindrical section , torispherical ends
Material	: BS 4360 Grade
Internal Coating	: coal tar epoxy resin or equivalent
Feature	: Longitudinal welding performed at top of tank only
Pump	: Rotary sliding vane (air or liquid cool)
Standard Features	: Single manhole , primary and secondary overflow valve : Sludge trap tank for overflowed liquid : pressure line filter, change over valve , discharge silencer : Vacuum & pressure relief valve : 3" ball valve terminating into quick coupling and dust cap at rear door : Sight glass at rear door & Access ladder
Optional Features	: Dual compartments for water and sludge : Hydraulic tank tilting & rear door opening : 330 deg swivel suction boom & High pressure water jetting : 3rd Party certification and testing to 4 bar pressure

(payload will be reduced with additional features)

Note : Above specifications are subject to change without prior notice
 All data for unladen vehicle excluding all optional features .