

ZENITH

Refuse Collection Vehicle

Tailor-Made to your needs



Established Since 1972



SAFE & RELIABLE

- * Packing Operation stops at end of each compaction cycle
- * Easy access to working components

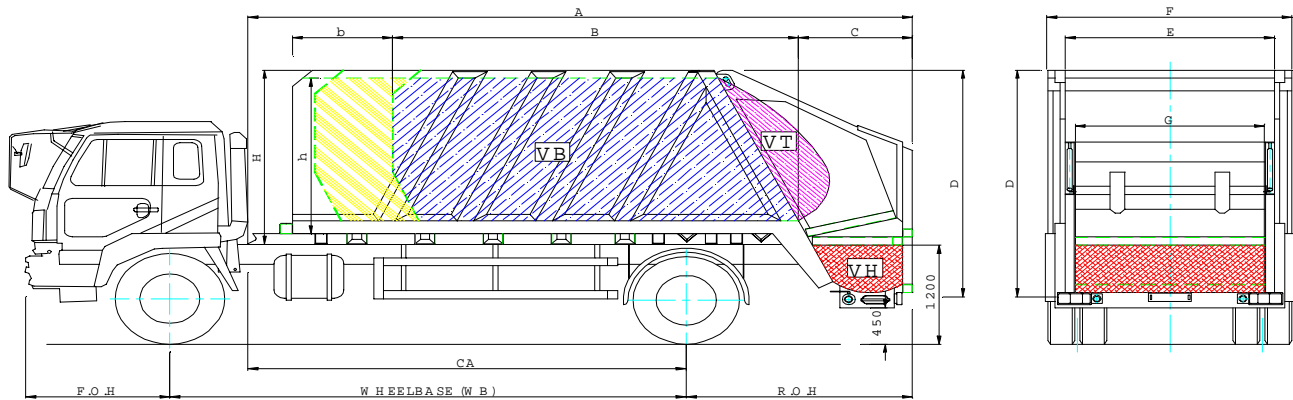
ROBUST BODY DESIGN

- * Use of harden & corrosion resistant steel
- * Reinforcement by vertical cross members

EFFICIENT COMPACTION MECHANISM

- * Packer & Carrier plates on curve track increases body volume
- * Partial retraction of ejector plate improves compaction ratio

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Above drawing shows a 4 X 2 chassis for illustration purpose , a 6 X 4 chassis is applicable for GVW above 20 MT , and the wheelbase is measured from the middle of 2 rear axles .

	MODELS	1104	1205	1507	1708	1910	2412	2613
Dimensions (mm) (Tolerance +/- 3%)								
Overall Length	A	5,520	5,520	5,520	5,520	6,035	6,435	6,883
Overall Width	F	2,050	2,050	2,300	2,450	2,450	2,450	2,450
Overall Height	D	2,400	2,400	2,400	2,550	2,550	2,550	2,550
Body Height	H	1,950	1,950	1,950	2,100	2,100	2,100	2,100
Inside Body Width	E	1,850	1,850	2,100	2,250	2,250	2,250	2,250
Inside Body Height	h	1,750	1,750	1,750	1,900	1,900	1,900	1,900
Hopper's inside Width	G	1,680	1,680	1,930	2,080	2,080	2,080	2,080
Rear Overhang	ROH	2,370	2,370	2,370	2,370	2,520	2,770	2,770
Min Wheelbase * (for 60% ROH)	WB	3,950	3,950	3,950	3,950	4,250	4,400	4,650
Cab to Axle	CA	3,150	3,150	3,150	3,150	3,515	3,665	4,113
Effective Body Length	B	2,486	3,548	3,548	3,548	4,515	4,915	5,263
Dummy length (to comply with max 60% rear OH)	b	1,412	352	352	352	NA	NA	NA
Tailgate Length	C	1,320	1,320	1,320	1,320	1,320	1,320	1,320

Above dimensions based on Spring Suspension , Chassis fitted with air-suspension allows for shorter lengths.

* Important dimension to determine suitable chassis length is the CA distance & NOT Wheelbase.

Volume (M3) (Tolerance +/- 3%)								
Body Volume	VB	5.94	8.70	10.65	12.19	15.90	17.61	19.10
Tailgate Volume	VT	0.78	0.78	0.89	0.95	0.95	0.95	0.95
Total Volume		6.72	9.48	11.54	13.14	16.85	18.56	20.05

Characteristics (kg) (Tolerance +/- 3%)								
Body & Tailgate Weight		3,500	3,800	4,100	4,400	4,800	5,200	5,600
Zenith Binlifter (660 to 1,000 ltr Bins)		350	350	350	350	350	350	350
Zoeller Binlifter (120 to 1,000 ltr Bins)		800	800	800	800	800	800	800
Max Payload		4,000	5,000	7,000	8,000	10,000	12,000	14,000
Recommended min GVW		11,000	12,500	16,000	17,000	20,000	24,000	27,000
Approx Chassis Weight		3,600	3,800	4,000	4,500	5,000	7,300	7,700

Cycle Duration	Secs	20 to 25 secs (based on engine rev of 1,100 to 1,350 RPM and PTO ratio 0.8)						
Max working Pressure	bar	160	160	200	200	200	200	200

Note : Due to the need for continuous improvement, the above specifications are subject to change without the need of any prior notice.

All data for unladen vehicle excluding the Bin Lifter