

mini REFUSE COLLECTION VEHICLE (Rear End Loader)



The mini Rear-End Loading refuse collection vehicles complement the Heavy-duty series by allowing the REL to be mounted onto chassis with GVW ranging from 8.0Mtons to 15.0Mtons and having body volume from 6.5m³ to 12.0m³.

Body Capacity	M3	6.5	9.0	12.0
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Estimated max payload	kg	2,200	3,500	5,000
Estimated Body weight (tailgate+body, exclude Binlifter)	kg	2,600	2,800	3,600
Recommended min Vehicle GVW	kg	8,500	11,000	15,000
Estimated Overall Height (dependant on chassis)	mm	2,700	2,750	3,100
Recommended Wheelbase	mm	3,400	3,600	3,700
Hopper volume	M3	800	950	950

Compaction Cycle time	sec	Approx 20~22 secs based on PTO output ratio of 80% and engine throttle at 1,100 rpm.		
Operatiing pressure	bar	195 to 210 bar (depending on desired loading)		

Standard features :

- 1) Push-button controls for single OR continuous packing cycles and refuse-ejection controls inside cabin
- 2) Rear-lights cluster and beacon light , emergency-stop button and audible warning for tailgate raising
- 3) Leachate tank under the hopper (approx 80 to 120 ltrs depending on chassis)

Optiona Features :

- 1) Binlifter for MGB bins (lifting by COMB) , handling bin sizes 120 to 660 ltrs (cannot lift 1100 ltr MGB)
- 2) Rear cover for hopper (Manual raise and lower. NOT suitable if fitted with Binlifter operation)
- 3) Leachate tank under the body (approx 100 to 150 ltr depending on space availability)

Note:

- 1) All the above data are based on unladen vehicle and excluding the binlifter (average Zenith binlifter weighs approx 350kg) , extra weight if other accessories are added , example : leachate tanks, bumpers, tool-box, tools, etc) .
- 2) The recommended wheelbase in based on normal single-cabin (twin-cabin would require a longer wheelbase) . Plse verify wheelbase with Zenith Sales personnel if unsure. Customer to advise if any restriction for Rear_Overhang for export outside of Singapore.
- 3) Optional binlifter is suitable for MGB Euro bins only, if non-MGM Euro bins are to be handled then customization is required. Please consult Zenith sales personnel for details.

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