

Once a body and binlift specification is agreed, a check needs to be done to confirm the chassis and body are matched and will be safe to use. This is done with a Body Weight Calculation.

Details of the chassis, body and binlift specification are sent to the factory, Tarrega or Warwick, where they will be put together within a specialist program to see they match. As well as dimensions, this programme will show axle weights when the RCV is empty and full of waste.

The results will show:

- If the body and chassis are matched for length and there is not any illegal overhang.
- The gap between the cab and body is acceptable.
- Overall height is within legal limits.
- The maximum payload possible when the legal or design limits for the axles are reached.
- The front axle has enough weight on it at all times to be able to brake and steer safely.
- If there are axle overloads, or limitations they will be shown in this document

The impact of different specifications like cab size, vertical or horizontal exhaust, wheelbase, suspension and local Gross Vehicle Weight can all have a bearing on the results. The density of the waste will also affect payload. Wetter waste will have the RCV at its legal maximum with less volume than drier waste. These documents are produced with an accuracy of 3-5%.

The table below gives some working examples of vehicles that have been manufactured by us. These are for indicative purposes only. For more information or to discuss your requirements further, please contact your TRRG sales representative. The data below relates to vehicles built within and for European markets only.

EXAMPLE BODY/CHASSIS/LIFTER COMBINATIONS					
Body size	Chassis	Wheelbase (mm)	Bin lift	Legal payload* (kg)	GVW and Axle config.
OL MINI 6	Isuzu URBAN N75 E6	2900	Bar Lifter Mini	1323	7.5t - 4x2
OL MINI 7	MAN TGL 12.250 4x2 BL E6	3300	Bar Lifter Mini	4258	12t - 4x2
OL MINI 7	IVECO ML100E21P CNG VID	3105	Bar Lifter Mini	1958	10t - 4x2
OL MINI 8	MERCEDES ATEGO 1224 Lnr 4x2 E6	3320	Bar Lifter Mini	3795	12t - 4x2
OL MINI 8	IVECO MLC MY2015 CNG	3330	Bar Lifter Mini	3799	12t - 4x2
OL14 W	IVECO ML190EL25P EVI_C	3690	Terberg OmniTrade	4400	18t - 4x2
OL14 W	IVECO ML190EL25P EVI_C	3692	Terberg EuroTrade	3859	18t - 4x2
OL16 W HCT	IVECO AD190X40/P HR OFF E6	3800	Terberg EuroTrade	3381	18t - 4x2
OL16 W	VOLVO FM 330 HP6*2RigidE6	3800	Terberg EuroTrade Hopper	3381	18t - 4x2
OL19 W	VOLVO FM 330 HP 6*2 Rigid E6	4300	Terberg EuroTrade	6984	26t - 6x2RS
OL19+ W	MAN TGS 26.320 6x2/4 BL	3750	OmniMAX	11777	27t - 6x2MS
OL20+ W	SCANIA NTG 6x2 E6	3750	Terberg OmniMax	9422	26t - 6x2RS
OL20 W	SCANIA NTG 6x2 E6	3750	Terberg OmniMax	9611	26t - 6x2RS
OL20 W HCT	IVECO AD260S27Y/PS CNG	4200	UPC + Underground	7923	26t - 6x2RS
OL21 W HCT	RENAULT D26 ACCESS MUN 320E6	3900	Terberg EuroTrade WLS	10350	26t - 6x2RS
OL21 W	SCANIA NTG 6x2*4 E6	3950	Eurotrade Winch	9450	26t - 6x2RS
OL23 W	IVECO CNG S-Way AS260S46Y/FS	4800	EuroTRADE	9723	26t - 6x2RS
OL23 W	Scania CNG Low CL20N	4150	Open back	9996	26t - 6x2RS
OL23 W	Mercedes-Benz Econic 2630LL	4200	OmniMAX or EuroTRADE	11008	26t - 6x2RS
OL27 W	Scania S410..500 B8X4*4 NA CS20N	5100	OmniDEL	14292	32t - 8x4
OL27 W	Mercedes-Benz Econic 3235LL 8X4MS	5100	OmniDEKA	12770	32t - 8x4

When High Capacity Tailgate is specified, add 300mm to overall length

*This data table is for reference only and does not include, or take into consideration: any specific accessories, particular special options, fuel levels and carried persons.

We do not guarantee the information wholly accurate at time of build.

Data does and will change as chassis, body and lifter specifications can change regularly.