

Technical specifications

General Data	FORCE 285	FORCE 335
Body capacity	28.5m ³	33.5m ³
Hopper capacity	8.5m ³	8.5m ³
Cab chassis configuration	6x4 - 22,500kg GVM	8x4 - 27,500kg GVM
Wheelbase (Approx)	4,800mm	5,840mm
Body length	9,504mm	10,704mm
Body height (Excluding Chassis)	2,550mm	2,550mm
Body width	2,495mm	2,495mm
Body weight	6,700kg	7,400kg
Tailgate opening angle	115 degrees	

Performance		
Payload*	Approx 9,000kg	Approx 11,000kg
Bin lifting capacity	2,500kg (Optional 3,600kg)	
Bin suitability	1.0m ³ - 6.0m ³ front loader bins & full range of MGB's**	
Compaction force	38,750kg	
Bin lift cycle time	12 seconds	
Half pack cycle time	20 seconds	
Full blade eject cycle time	42 Seconds	66 Seconds

Material Listing		
Body side sheets	3.2mm Wear Resistant Steel (1400MPa UTS) ⁺	4mm Wear Resistant Steel ⁺ (1400MPa UTS)
Body roof sheet	4mm Wear Resistant Steel (1400MPa UTS) ⁺	
Body floor sheet	5mm Wear Resistant Steel (1400MPa UTS) ⁺	
Tailgate sheets	4mm Wear Resistant Steel (1400MPa UTS) ⁺	
Hopper lids	3.2mm Wear Resistant Steel (1400MPa UTS) ⁺	
Ejector blade	4mm Wear Resistant Steel (1400MPa UTS) ⁺	
Lift arms	6mm High Strength Steel (950MPa UTS) ⁺⁺	
Fork blades	20mm Wear Resistant Steel (1400MPa UTS) ⁺	
Ejector blade/wear pads	Replaceable Oil Filled Nylon Wear Pads	

*Subject to loading conditions, waste type, fitted options and cab chassis selection

**MGB lifter option required

⁺Hardox 450 or equivalent material subject to availability

⁺⁺Domex 700 or equivalent material subject to availability

Controls & Hydraulics	
Control system	Bucher Municipal CANBus control system
Operator interface	Proportional multi function joystick with LCD screen & push button controls
Hydraulic pump	120-130L/min Variable displacement load sensing pump
Maximum system pressure	260 Bar
Hydraulic valving	Proportional hydraulic control valves
Hydraulic piping	Zinc plated steel piping
Hydraulic filters	10 Micron filters
Hydraulic oil tank	250 Litres

Productivity specifications

Model		FORCE 285	FORCE 335
Body Size		28.5m ³	33.5m ³
Cab chassis configuration		6x4	8x4
Hopper volume		8.5m ³	
Number of bins in hopper before packing	1.5m ³ bins	5 bins	
	3.0m ³ bins	2 bins	
Effective body volume		20m ³	25m ³
Average Payload ^{*1}		Approx. 9,000kg	Approx. 11,000kg
Maximum compaction force		380KN	380KN
Compaction density ^{*2}		180 - 450kg/m ³ - Adjustable	
Maximum bin loading rate ^{*3}		3 bins/minute = 180 bins/hour	
Bin lifter times ^{*4}	Total cycle time	11 - 12 seconds	
	Lift arms - raise	4 - 5 seconds	
	Lift arms - lower	3.5 - 4.5 seconds	
	Forks - raise	3 - 4 seconds	
	Forks - lower	3 - 4 seconds	
	Sliding forks - in	4 - 5 seconds	
	Sliding forks - out	6 - 7 seconds	
Body function times ^{*4}	Hopper lids - open	1.5 - 2 seconds	
	Hopper lids - close	3.5 - 4 seconds	
	Tailgate - open (including lock)	20 - 25 seconds	
	Tailgate - close (including lock)	20 - 25 seconds	
	Eject Blade - Extend	30 - 34 seconds	44 - 48 seconds
	Eject Blade - Retract	12 - 16 seconds	22 - 26 seconds
	Half-Pack cycle time	20 seconds	20 seconds
	Full-Pack cycle time	42 Seconds	66 Seconds
	Flipping roof - raise	2 - 3 seconds	
	Flipping roof - lower	4 - 5 seconds	
Suitable bin sizes	1m ³ - 6m ³ front loader bins	Yes	
	80L - 360L MGB	Yes ^{*5}	
	660L - 1,100L MGB	Yes ^{*5}	

KEY:

*1 - Indicative values only. Subject to loading conditions, waste type and cab chassis selection.

*2 - Indicative values only. Subject to loading conditions and waste type.

*3 - Assumes 3 bins are emptied into hopper before packing load.

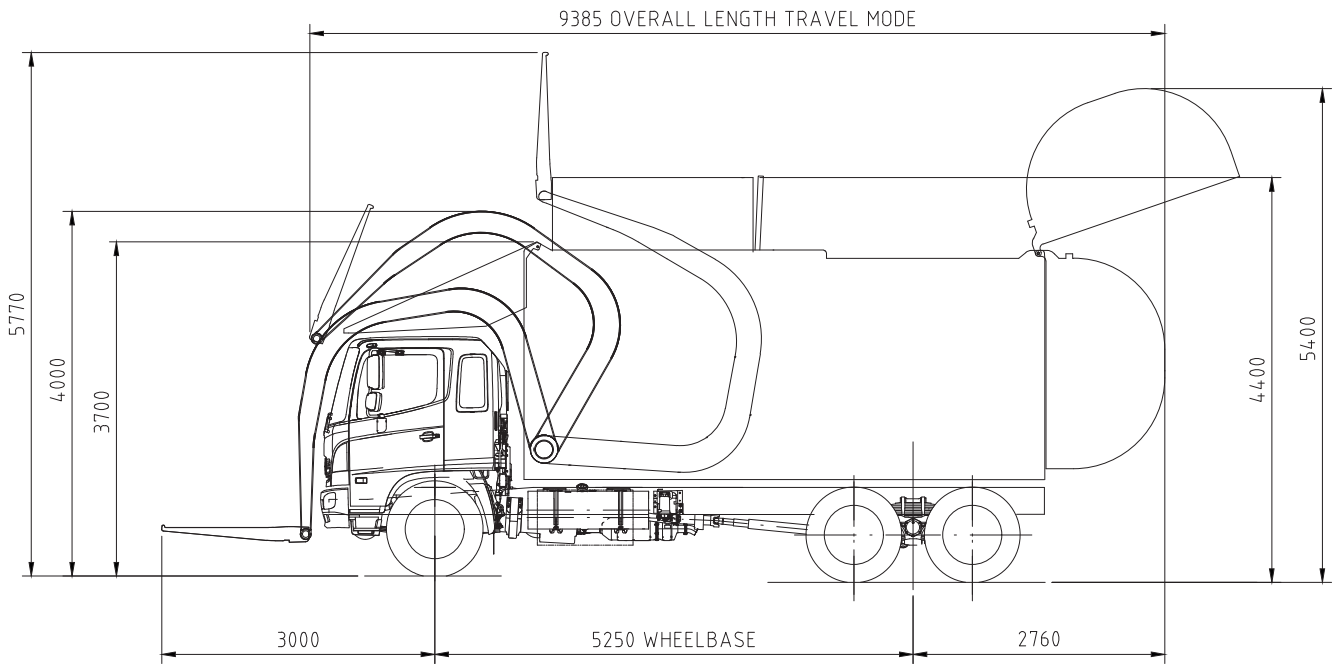
*4 - Indicative values only at 950rpm. Subject to loading conditions and cab chassis selection.

*5 - MGB bin lifter option required.

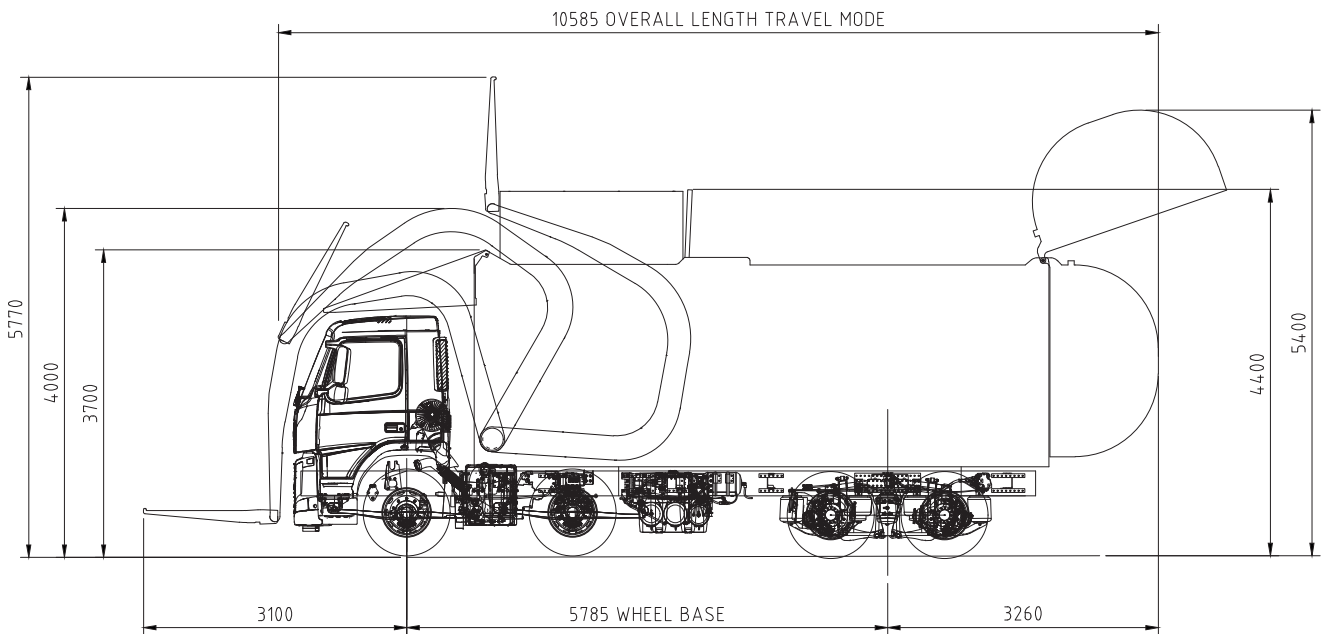
NOTE: Bucher Municipal exercises a program of continual product development, and in this context reserve the right to amend specifications without prior notice.

Overall Dimensions

FORCE 285, 28.5m³



FORCE 335, 33.5m³



Please Note:

Layouts shown are for optimal wheelbase and axle configurations only and not specific to chassis make and model.

Dimensions are subject to chassis, wheelbase and option selection.

Refer NHVR or local state regulations for Rear Overhang allowances.

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