



Specification Sheet

FORCE Refuse Front Loader

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SERIES: FORCE Refuse Front Loader 285 & 335
DATE: DECEMBER 2014
SHEET: 1 OF 3



Standard Features:

Safety	Body	Lighting
Full OH&S compliance	Smooth body design with single side sheets	LED upper and lower tail lights with guards
Emergency stops to disable all functions	3 lid hopper design	Rear mounted amber flashing beacon light with guard
In cab warning systems	Twin ejector blade cylinders	LED tailgate side warning lights
Safety interlocks at body access points	Floor mounted sump with muck out doors on both sides	Two tailgate mounted work lights
Dual self aligning tailgate props	Water tight tailgate seal	Two side body work lights
Hydraulic cylinder burst valves	High front spill panel	Reverse lamp and alarm
Fork angle safety interlock	Hardox ejector blade runners	Body mounted side-marker LEDs
Vehicle speed limited when over height	Replaceable ejector blade wear pads	Hopper & eject blade work lights
Electrical & Hydraulic Control	Standard Accessories	Standard Accessories cont...
Bucher Municipal CANBus control system with diagnostic interface	Hopper access ladder, platform & mesh door with safety interlock	Technical manual
Pack on the run functionality	Roof access ladder with safety interlock	Warranty - 1 year/2,400hour
Ability to lift and manoeuvre bins during entire packing cycle	Plastic mudguards	First service labour costs
Hopper lid safety controls	Hydraulic tank ball valves	Sump door spill trays
Hose burst and counter balance valves	Aluminium flipping roof	Interchangeable, bolt on arms & forks
High capacity load sensing piston pump	Eject blade mounted shovel holder	Anti slip & safety rails on body roof
Proportional control valves	Broom holder	Statutory/safety signage
Hydraulic filtration on pressure and return lines	Premium single colour 2 pack paint	Bucher Municipal mudflaps

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Technical Specifications:

General Data	FORCE 285	FORCE 335	Controls & Hydraulics	
Body capacity	28.5m ³	33.5m ³	Control system	Bucher Municipal CANBus control system
Hopper capacity	8.5m ³	8.5m ³	Operator interface	Proportional multi function joystick with LCD screen & push button controls
Cab chassis configuration	6x4 - 22,500kg GVM	8x4 - 27,500kg GVM	Hydraulic pump	120-130 L/min Variable displacement load sensing pump - (Parker/Danfoss)
Wheelbase (Approx)	4,800mm	5,840mm	Maximum system pressure	260 Bar
Body length	9,504mm	10,704mm	Hydraulic valving	Proportional hydraulic control valves (Danfoss/Sun)
Body height (Excluding Chassis)	2,550mm	2,550mm	Hydraulic piping	Zinc plated steel piping
Body width	2,495mm	2,495mm	Hydraulic filters	10 Micron filters (Parker/MP Filtri)
Body weight	6,700kg	7,400kg	Hydraulic oil tank	250 Litres
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 Hardox 450 (1400MPa UTS)	4mm Hardox 450 (1400MPa UTS)		
Body roof sheet	3.2mm Hardox 450 (1400MPa UTS)			
Body floor sheet	5mm Hardox 450 (1400MPa UTS)			
Tailgate sheets	4mm Hardox 450 (1400MPa UTS)			
Hopper lids	3.2mm Hardox 450 (1400MPa UTS)			
Ejector blade	4mm Hardox 450 (1400MPa UTS)			
Lift arms	6mm Domex 700 (950MPa UTS)			
Fork blades	20mm Hardox 450 (1400MPa UTS)			
Ejector blade/wear pads	Replaceable Ertalon LFX wear pads (Oil filled Nylon)			

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

** MGB lifter option required

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Options:

Description	FORCE 285	FORCE 335
Additional copies of technical manual	✓	✓
Aluminium or stainless steel mudguards Hopper floor wear strips	✓	✓
Arm & fork safety interlock (Brake pedal)	✓	✓
Cab chassis paint	✓	✓
Colour camera system - up to 4 cameras	✓	✓
Driver training	✓	✓
Extended warranty - 2 years/4,800 hours	✓	✓
Fall arrest system	✓	✓
Fire extinguisher (9kg)	✓	✓
Handwash & soap dispenser	✓	✓
Loadcells mounted under body	✓	✓
Loadcells mounted on lift arms	✓	✓
LED rear beacon	✓	✓
MGB lifter	✓	✓
Rear push bar	✓	✓
Sliding forks	✓	✓
Spare wheel carrier	✓	✓
Spray suppressant on wheel arches	✓	✓
Toolbox	✓	✓



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The current Bucher international locations.

