



Specification Sheet

## Gen V Side Loader Series II

# Gen V Series II Side Loader Specification Sheet

SERIES: GEN V SERIES II SIDE LOADER: 14M<sup>3</sup> - 35M<sup>3</sup>  
DATE: DECEMBER 2014  
SHEET: 1 OF 3



## Standard Features:

Safety	Body	Lighting
Full OH&S compliance	Body constructed from single sheet rolled Hardox steel	ADR approved body lighting
Tailgate safety check valve & automatic tailgate lock	Hard wearing Creusabro 8000 hopper bowl	High and low mount LED tail lights with guards
Bin lifter automatically retracts above 4Km/h	Body designed and tested for 10+ year life expectancy	Rear mounted amber flashing beacon light with guard
Fold down hopper access ladder with safety interlock	Low profile body	Front mounted amber flashing beacon light with guard
Integrated self aligning tailgate and body safety props.	Full length body subframe supporting body and bin lifter	Hopper work light
Anti-burst valves on hydraulic cylinders	Dual body tipping cylinders	Bin lifter work light
In cab warning system	Water tight tailgate seal	Two rear search lamps
Emergency stops to disable all functions	Automatic airbag suspension dump when raising body	Backlit in-cab control console
Electrical & Hydraulic Control	Standard Accessories	Standard Accessories cont...
Bucher Municipal CANBus control system with diagnostic interface	Automatic paddle shut off	Hour meter
Fully configurable control system	Bin counter	Hydraulic tank ball valves
Ergonomic control console with armrest	Bin lifter spill flap	Bucher Municipal mudflaps
Dual tipping controls	Broom holder	Plastic mudguards
Twin load sensing high capacity hydraulic pumps	Centralised, low level 6 point paddle greasing system	Premium single colour 2 pack paint
Cushioned hydraulic cylinders	Control handle - 4 button	Warranty - 1 year/2400 hours
Hydraulic oil tank mounted on subframe at front of body	First service labour costs	Technical manual

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DATE: DECEMBER 2014  
SHEET: 2 OF 3

## Technical Specifications:

General Data	14M <sup>3</sup>	18M <sup>3</sup>	22M <sup>3</sup>	25M <sup>3</sup>	29M <sup>3</sup>	35M <sup>3</sup>
Body capacity	14m <sup>3</sup>	18m <sup>3</sup>	22m <sup>3</sup>	25m <sup>3</sup>	29m <sup>3</sup>	35m <sup>3</sup>
Hopper capacity	1.3m <sup>3</sup>			1.5m <sup>3</sup>		
Cab chassis configuration	4x2 - 12,000 - 15,000kg GVM	4x2 - 15,000kg GVM	6x4 - 22,500kg GVM	4x2 - 15,000kg GVM 6x4 - 22,500kg GVM	6x4 - 22,500kg GVM	6x4 - 22,500kg GVM
Wheelbase (Approx)	4,000mm	4,400mm	5,000mm	5,000mm	5,200mm	5,500mm
Body length (Including Hopper)	5,103mm	5,888mm	6,973mm	6,775mm	7,275mm	7,969mm
Body height (Excluding Chassis)	2,148mm		2,515mm		2,727mm	
Body width (Overall)	2,496mm					
Body weight	4,050 kg	4,270kg	4,730kg	5,100kg	5,235kg	5,596kg
Body tipping angle	35 - 42 degrees					
Body - raised height (Approx)	5,450mm	5,900mm	6,400mm	6,300mm	6,700mm	7,300mm
Tailgate opening angle	115 degrees					
Performance						
Payload*	4,000 - 5,000kg	5,000 - 6,000kg	10,000 - 11,000kg	4x2 3,500 - 4,500kg 6x4 8,000 - 9,000kg	9,000 - 10,000kg	9,000 - 10,000kg
Bin lifting capacity	125kg - 180kg					
Bin suitability	80L, 120L, 140L, 240L & 360L**					
Bin lifter reach	3,186mm - 3,796mm					
Bin lifter cycle time (Total)	8 - 12 Seconds***					
Paddle cycle time	10 Seconds					
Compaction force	10,800kg					
Operating rpm	950 rpm					
Compaction density (Refuse)	400 - 500kg/m <sup>3</sup> - Adjustable					
Compaction density (Recycling)	180 - 220kg/m <sup>3</sup> - Adjustable					
Paddle displacement rate	2.8m <sup>3</sup> /minute					
Controls and Hydraulics						
Control system	Bucher Municipal CANBus control system					
Operator interface	Proportional multi function joystick with LCD screen and push button controls					
Hydraulic pump	Twin variable displacement pump - 2 x 74L/min (Danfoss)					
Maximum system pressure	210 bar					
Hydraulic valving	Proportional hydraulic control valves (Danfoss)					
Hydraulic piping	Zinc plated steel piping					
Hydraulic filters	10 Micron 200 Beta filters (Parker/MP Filtri)					
Hydraulic oil tank	203L					
Material Listing						
Body side sheets	3.2mm Hardox 450					
Body floor sheet	3.2mm Hardox 450					
Body roof sheet	3mm Grade 350 Steel			3mm Grade 300 Steel		3.2mm Hardox 450 Steel
Tailgate sheets	3mm Grade 350 Steel					
Hopper bowl floor	8mm Cruesabro 8000					
Hopper bowl sides	8mm Cruesabro 8000					
Hopper walls	4mm Grade 350 Steel					
Paddle	12mm Grade 350 Steel					

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

\*\* 360L bin lifter option recommended

\*\*\* Cycle includes picking up bin at full reach, emptying into hopper and returning to original position

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Due to continuous development Bucher Municipal reserves the right to alter specifications without prior notice.

# Gen V Series II Side Loader Specification Sheet

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## Options:

General Data	14M <sup>3</sup>	18M <sup>3</sup>	22M <sup>3</sup>	25M <sup>3</sup>	29M <sup>3</sup>	35M <sup>3</sup>
360L grab	✓	✓	✓	✓	✓	✓
Additional cab/body paint/sign-writing	✓	✓	✓	✓	✓	✓
Additional copies of technical manual	✓	✓	✓	✓	✓	✓
Aluminium tailgate	x	x	x	✓	✓	x
Aluminium/stainless steel mudguards	✓	✓	✓	✓	✓	✓
Automatic greasing system	✓	✓	✓	✓	✓	✓
Bin shaker (automatic & button operated)	✓	✓	✓	✓	✓	✓
Body weighing system	✓	✓	✓	✓	✓	✓
Colour camera system - up to 4 cameras	✓	✓	✓	✓	✓	✓
Control handle - broomstick	✓	✓	✓	✓	✓	✓
Control handle - palmtop	✓	✓	✓	✓	✓	✓
Double paddle	x	x	x	✓	✓	✓
Driver training	✓	✓	✓	✓	✓	✓
Engine advance on/off switch	✓	✓	✓	✓	✓	✓
Extended warranty (2 years/4,800 hours)	✓	✓	✓	✓	✓	✓
Fall arrest system	✓	✓	✓	✓	✓	✓
Fire extinguisher - 4.5kg	✓	✓	✓	✓	✓	✓
Garbage/recycle switch	✓	✓	✓	✓	✓	✓
Green waste body	x	✓	✓	✓	✓	x
Hand wash and soap dispenser	✓	✓	✓	✓	✓	✓
Hella LED tail lights (in lieu of standard)	✓	✓	✓	✓	✓	✓
MGB lid carry box	✓	✓	✓	✓	✓	✓
Rear under run bumper	✓	✓	✓	✓	✓	✓
Remote bin lifter controls	✓	✓	✓	✓	✓	✓
Reverse sensor system	✓	✓	✓	✓	✓	✓
Semi automatic bin lifter	✓	✓	✓	✓	✓	✓
Spray suppressant on wheel arches	✓	✓	✓	✓	✓	✓
Strobe/LED beacon lights	✓	✓	✓	✓	✓	✓
Toolbox	✓	✓	✓	✓	✓	✓
Tow hook	✓	✓	✓	✓	✓	✓
Twin rear beacon lights	✓	✓	✓	✓	✓	✓
Wind deflector	✓	✓	✓	✓	✓	✓

**Bucher Municipal Head Office**

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The current Bucher international locations.



## Specification Sheet - Garwood Rear Loaders



MODELS	BANTAM	COMPACT	POWAPACT	POWAPACT	POWAPACT	MAXIPACT
Body Capacity <sup>^</sup>	6m <sup>3</sup> /10m <sup>3</sup>	8m <sup>3</sup>	10m <sup>3</sup>	12m <sup>3</sup>	15m <sup>3</sup>	22m <sup>3</sup>
Hopper Bowl Capacity	0.85m <sup>3</sup>	1.28m <sup>3</sup>	1.38m <sup>3</sup>	1.38m <sup>3</sup>	1.38m <sup>3</sup>	2.5m <sup>3</sup>
Floor Length	3200/3800mm	3200mm	3800mm	4500mm	5000mm	5200mm
Tailgate Width	1840mm	2180mm	2180mm	2180mm	2180mm	2240mm
Body Height (Plus Chassis)	1320/1400mm	1700mm	1700mm	1700mm	1700mm	2250mm
Body Width	2020mm	2170mm	2170mm	2170mm	2170mm	2350mm
Body Weight Including Tailgate (Approximate)	2900/3200kg	4100kg	4200kg	4575kg	4765kg	6600kg
Payload*	Up to 2500kg   Up to 4000kg	3500-4000kg	4000-4500kg	4000-5500kg	4500-6000kg	9000kg
Cab Chassis GVM	7500kg /10,400kg <sup>+</sup>	10,400kg <sup>+</sup>	12,000kg <sup>+</sup>	15,000kg <sup>+</sup>	15,000kg <sup>+</sup>	22,500kg <sup>+</sup>
Cab Chassis Wheelbase (Approximately)	3500/4250mm	3800mm	4250mm	5000mm	5000mm	5200mm
Bin Lifter	Widecombe	Widecombe	Widecombe	Widecombe	Widecombe	Widecombe

(\* ) Subject to different types of refuse produce variations in payloads, cab chassis selection & wheelbase requirements.

(<sup>^</sup>) Monocoque design are used on all bodies.

Please Note: Optional Hardox steel & 3500kg hydraulic winch available at additional cost if so required.

Various body sizes are available in the Bantam, Compact & Powapact range.

**Material used in construction**

MODELS	BANTAM	COMPACT	POWAPACT	POWAPACT	POWAPACT	MAXIPACT
Side Sheets	3mm MPA380	3mm MPA380	3mm MPA380	3mm MPA380	3mm MPA380	3mm MPA380
Roof Sheets	3mm MPA380	3mm MPA380	3mm MPA380	3mm MPA380	3mm MPA380	3mm MPA380
Floor Sheets	3mm MPA380	5mm MPA380	5mm MPA380	5mm MPA380	5mm MPA380	5mm MPA380
Tailgate Bowl	5mm Bisalloy 80	6mm Bisalloy 80	6mm Bisalloy 80	6mm Bisalloy 80	6mm Bisalloy 80	6mm Bisalloy 80

Electric & hydraulic operations and safety features are as per Work Cover & OH&S requirements plus more.

Due to ongoing product developing, Garwood International Pty Ltd reserves the rights to change specifications without notice.

Measurements and weights are approximate and could differ at time of manufacturing.



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