



Specification Sheet

UrBin Series II Rear Loader

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SERIES: URBIN SERIES II REAR LOADER: 6M³ - 24M³
DATE: APRIL 2015
SHEET: 1 OF 3



Standard Features:

Safety	Body	Lighting
Full OH&S compliance	Body constructed from single sheet rolled Hardox and High Grade steel	ADR approved body lighting
Tailgate safety check valve and automatic tailgate lock	Low profile small and medium bodies	High and low mount LED tail lights with guards
Windows both sides of tailgate	Smooth finish side panels	Rear mounted amber flashing beacon light with guard
Bin lifter safety interlock	Hopper bowl constructed from Hardox steel	Front mounted amber flashing beacon light with guard
Integrated self aligning tailgate props	Slide channels fabricated from full length Domex Steel	Hopper work light
Anti-burst valves in cylinders	Optimal sweep and slide panel geometry	Reverse search lamps
In-cab warning system	Replacable wear pads in body and tailgate	Backlit control box on left hand side of tailgate
In-cab emergency stop to disable all body functions	Non sliding tailgate pivot	
Emergency stops at all control stations to disable all body functions	Water tight tailgate seal	
Electrical & Hydraulic Control	Standard Accessories	Standard Accessories cont...
Bucher iQ CANBus control system with diagnostic interface	Bin counter	Bucher Municipal mudflaps
Fully configurable control system	Bin lifter spill tray (Steel)	Plastic mudguards
10" touch screen control monitor	Broom holder	Premium single colour 2 pack paint
Control box on left hand side of tailgate	First service labour costs	Warranty - 1 year/2400 hours
High capacity load sensing piston pump	Hour meter	Statutory & safety signage
Cushioned hydraulic cylinders	Hydraulic tank ball valves	Technical manual
Hydraulic filtration on pressure & return lines	Hydraulic tank level and temperature gauge	

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Technical Specifications:

General Data	6M ³	8M ³	11M ³	14M ³	20M ³	24M ³
Body capacity	6M ³	8M ³	11M ³	14M ³	20M ³	24M ³
Hopper bowl capacity	0.75M ³		1.3m ³		2.2m ³	
Cab chassis configuration	(4x2) 7,500 - 9,000kg GVM	(4x2) 8,500 - 11,000kg GVM	(4x2) 11,000 - 14,000kg GVM	(4x2) or (6x4) 14,000 - 20,000kg GVM	(6x4) 22,500kg GVM	(6x4) 22,500kg GVM
Wheelbase (Approx)	3,365mm	4,250mm		4,800mm	5,000mm	5,200mm
Body length (Including tailgate)	3,911mm	4,611mm	4,875mm	5,675mm	6,495mm	7,295mm
Body height (Excluding Chassis)	1,500mm		1,800mm		2,350mm	
Body width	2,200mm		2,500mm			
Body weight (Including tailgate)	2,725 kg	2,935kg	4,145kg	4,415kg	5,660kg	5,930kg
Hopper opening width	2,052mm		2,150mm			
Tailgate opening angle	115 degrees					
Performance						
Payload*	2,000 - 2,500kg	3,500 - 4,000kg	4,000 - 4,500kg	4,000 - 6,700kg	8,500 - 10,500kg	8,500 - 10,500kg
Bin lifting capacity - Underbody bin lifter	600kg					
Bin lifting capacity - UCBL bin lifter	200kg (Single UCBL)			400kg (Twin UCBL)		
Bin suitability**	60L, 80L, 120L, 140L, 240L, 660L & 1,100L		60L, 80L, 120L, 140L, 240L, 660L, 1,100L		All bin sizes incl. Winch & Rolltop bins **	
Operating rpm*	950 rpm					
Compaction density***	400 kg/m ³		480 kg/m ³		500 kg/m ³	
Compaction cycle time	13 seconds		16 seconds		22 seconds	
Material Listing						
Body side sheets	3mm Grade 350 Steel		3.2mm Hardox 450		3.2mm Hardox 450	
Body floor sheet	3.2mm Hardox 450		4mm Hardox 450		5mm Grade 350 Steel	
Body roof sheet	3mm Grade HA300 Steel		4mm Grade 350 Steel		3.2mm Hardox 450	
Tailgate side sheets	3mm Grade 350 Steel + Hardox liner		4mm Hardox 450			
Hopper bowl floor	4mm Hardox 450		6mm Hardox 450			
Sweep panel	5mm Hardox 450					
Slide panel	4mm Hardox 450					
Ejector blade	3mm Grade 350 Steel					
Ejector blade/tailgate wear pads	Replaceable wear pads (Oil filled Nylon)					
Controls and Hydraulics						
Control System	Bucher iQ CANBus control system					
Operator Interface (External)	Electronic push button controls on LH side of tailgate (RH Control option available)					
Operator Interface (Internal)	Electronic control console with 10" touch screen					
Hydraulic Pump	Load sensing variable displacement pump - Up to 130cc/rev					
Maximum System Pressure	240 bar					
Hydraulic Valving	Proportional hydraulic control valves (Danfoss)					
Hydraulic Piping	Zinc plated steel piping					
Hydraulic Filters	10 Micron (Pressure & Return), 200 Beta filters					
Hydraulic oil tank	130L		150L		230L	

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

** Subject to bin lifter configuration and options selected

*** Subject to loading conditions & waste type

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Options:

General Data	6M ³	8M ³	11M ³	14M ³	20M ³	24M ³
Additional cab/body paint/sign-writing	✓	✓	✓	✓	✓	✓
Additional copies of technical manual	✓	✓	✓	✓	✓	✓
Aluminium/stainless steel mud-guards	✓	✓	✓	✓	✓	✓
Automatic greasing system	✓	✓	✓	✓	✓	✓
Bin shaker (automatic & button operated)	✓	✓	✓	✓	✓	✓
Bin lifter spill flap (Rubber)	x	x	✓	✓	✓	✓
Body weighing system	✓	✓	✓	✓	✓	✓
Colour camera system - up to 4 cameras	✓	✓	✓	✓	✓	✓
Driver training	✓	✓	✓	✓	✓	✓
Dual Rear LED beacons	✓	✓	Standard	Standard	Standard	Standard
Emergency stop button on RH side	✓	✓	✓	✓	✓	✓
Enclosed Hopper	x	x	x	x	✓	✓
Enclosed hopper configuration	x	x	x	x	✓	✓
Engine advance on/off switch	✓	✓	✓	✓	✓	✓
Extended warranty - 2 years/4,800 hours	✓	✓	✓	✓	✓	✓
Fire extinguisher - 4.5kg	✓	✓	✓	✓	✓	✓
Fire extinguisher - 9kg	x	x	✓	✓	✓	✓
Front of body controls	✓	✓	✓	✓	✓	✓
Handwash and soap dispenser	✓	✓	✓	✓	✓	✓
Hard Garbage Tailgate	x	x	x	x	✓	✓
Hella LED tail lights	✓	✓	✓	✓	✓	✓
Intercom	✓	✓	✓	✓	✓	✓
MGB lid carry box*	✓	✓	✓	✓	✓	✓
Pack on the run functionality	x	x	✓	✓	✓	✓
Platform lifter	x	x	✓	✓	✓	✓
RH Tailgate Controls	✓	✓	✓	✓	✓	✓
Roll top bin openers	x	x	✓	✓	✓	✓
Secure waste configuration	✓	✓	✓	✓	x	x
Side search lamps	✓	✓	✓	✓	✓	✓
Spray suppressant on wheel arches	✓	✓	✓	✓	✓	✓
Toolbox*	✓	✓	✓	✓	✓	✓
UCBL bin lifter - Single	✓	✓	✓	✓	✓	✓
UCBL bin lifter - Twin	✓	✓	✓	✓	✓	✓
Two hand bin lifter controls	✓	✓	✓	✓	✓	✓
Underbody bin lifter	✓	✓	✓	✓	✓	✓
Winch	x	x	x	x	✓	✓

* Subject to chassis selection for UrBin small.

