



Product Brochure

Satellite Rear Loader

Bucher Municipal a strong partner at your side

Bucher Municipal is a world-leading manufacturer of municipal vehicles for street cleaning, waste collection and snow removal in public and private areas. Bucher Municipal stands for high-quality products and service excellence, as well as innovation, competency, reliability and sustainability. Our vehicles incorporate technically advanced solutions focusing on high performance, ease of use, low maintenance and cost-effective operation.

Bucher Municipal takes its responsibility towards society and the environment seriously. Our mission is to ensure that roads and private or public spaces are kept clean and safe. Bucher Municipal implements this mission by focusing on functional engineering, environmental integrity and driving comfort. Bucher Municipal has a worldwide sales and service network to ensure that it can offer service excellence close to its customers.



About Us

Company Overview

Bucher Municipal is one of the five core divisions of the global industrial group Bucher industries, and is today recognised as the leading provider of equipment to the Australian Waste Industry.

Bucher Municipal boasts an impressive product range including Side, Rear and Front loading refuse machines as well as Compact and Truck Mounted Road Sweepers and Vacuum Tankers.

Every Bucher Municipal machine is application engineered, manufactured in Victoria and supported by a passionate after sales support team that operates 24/7, 365 days a year.

Engineering

Bucher Municipal boasts a large, Australian based, Engineering Department consisting of multi-skilled team members across both Research & Development and Applications Engineering with over 100 years of combined service with the company.

The multi-discipline engineering team has all fields covered including mechanical, electrical, hydraulic, systems and applications engineering.

The team also includes dedicated technicians within the R&D workshop for prototype builds and development.

Manufacturing

Bucher Municipal's manufacturing capability is world class and features:

- Two Australian manufacturing facilities; Clayton & Scoresby in Victoria.
- Ability to produce the complete range of refuse products on one production line.
- State of the art paint facilities featuring:
 - >> Climate controlled
 - >> Dustless paint process
 - >> Finished to Automotive standard
 - >> OH&S initiatives such as Wall-Man ladder units
- Flowing production lines, including line side inventory and tooling. Specific processes, parts and tools are located and performed at each station, improving labour efficiency and throughput.
- All fabricated components are supported with 3D computer design models and corresponding jigs and fixtures to provide consistent quality and performance of products.
- All designs are Finite Element (FEA) tested to ensure each machine is robust enough to stand the test of time while providing industry leading payloads for our customers.
- Independent quality processes and auditing provide quality assurance and traceability.

After Sales Support

Bucher Municipal provides national after sales support, which is unsurpassed within the industry.

With their national branch network covering spare parts, service, warehousing and distribution, and their extensive fleet of service vehicles, Bucher Municipal can address all service requirements on location Australia wide.

- Five State of the Art Retail Facilities located in Adelaide, Brisbane, Perth, Sydney and Melbourne
- 24/7 Field Service Support
- 9,000 Lines of Parts with Inventory located in every State
- 27 Service Vehicles
- Factory Trained Technicians
- Repair & Maintenance Packages

Satellite Rear Loader

Light weight, Compact and Versatile . . .



Bucher Municipal is proud to introduce the Satellite Rear Loader to their range of Rear Loading Refuse Collection Vehicles.

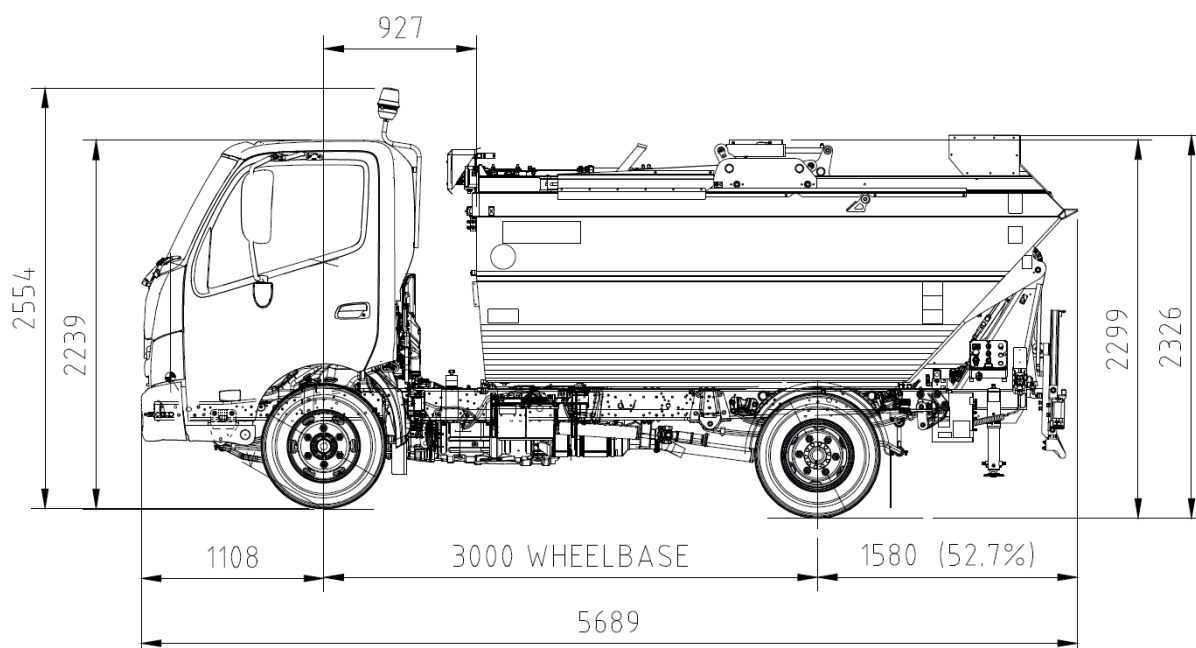
Why a Satellite Rear Loader? There are many advantages to using a Satellite rear loader, including:

- Superior manoeuvrability for inner city collection
- Compact overall dimensions provide maximum access
- Light weight body provides maximum payload
- Low overall height provides access to underground car parks and loading docs
- High dump capability allows for transfer of payload to a larger rear loader, skip or conveyer system
- Low GVM chassis provides access to parks, gardens, and load limited areas
- Lower fuel consumption with smaller chassis
- One piece body and hopper for water tight collection
- Low upfront cost compared to larger rear loaders

Technical specifications: Standard Body

Body	Description
Satellite body	Fully welded Round Steel Body
Press Mechanism	Press Mechanism with 400kg/m ³ Compaction Density
High Dump	Body High Dump complete with Rear Stabilizer Feet
Safety Body Prop	Safety body prop provided for safe maintenance under the body
Body Paint	White (Standard), Two-part Polyurethane Baked Enamel
Bin Lifter	
Comb lifter	Full width Hydraulic Comb lifter suits 2 wheeled and 4 wheeled MGB's
DIN Standard Arms	Fold out DIN Standard Bin Lifter Arms (Roll top lid opener optional)
Bag Collection Device	Optional Bag collection device included for hand load litter
Hydraulics / Electrical	
Hydraulic Pump	36.7 cc/rev Fixed displacement gear pump
PTO	PTO Supplied to suit cab chassis
Beacons and Lighting	Front Mounted flashing Beacon, Rear LED Tail lamps and Work lamp
Camera System	Rear Vision Camera and In-cab CCTV screen
Controls	
In Cab	In Cab dash mounted Display with Discharge Controls
External	Rear LH mounted controls for all compaction functions
Remote Pendant	Remote Pendant with dead man switch for safe operation of Bin Lifter
Emergency Stop buttons	E-Stop buttons positioned both in-cab and on the rear controls for safety
Warranty	
Parts and Service Warranty	Full Parts and Service Warranty for 12 months or 2000hrs

Technical Specifications



General Data

Body capacity	7m ³
Cab chassis configuration	(4x2) 7,300 – 8,500kg GVM
Wheelbase (Approx)	3,000mm
Body height (Excluding Chassis)	1,665mm
Body length (Including tailgate)	3,720mm
Body width	1,840mm
Body weight (Including tailgate)	1,730kg
Hopper opening width	1,800mm
Body Tip angle	90 Degrees

Performance

Payload*	2,000 – 3,000kg
Bin lifting capacity	600kg
Bin suitability*	120L, 140L, 240L, 660L & 1,100L
Operating rpm*	1000 -1200rpm
Compaction density**	400 kg/m ³

Material Listing

Body side sheet	4mm Thick Fe510 Steel
Body floor sheet	4mm Thick Fe510 Steel
Body roof sheet	2.5mm Thick Fe510 Steel
Press mechanism	Fe510 Steel and Polymide6 Sliding guides
Subframe	Fe420 Steel Channel Section

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

** Subject to loading conditions & waste type

High Dump Feature



Body Discharge Mode

With the Transmission in park and hand brake on, press PTO button and operate discharge safely from inside the cab.



Maximum Tip Angle

90 Degree Tip Angle provides maximum and efficient discharge of Payload.

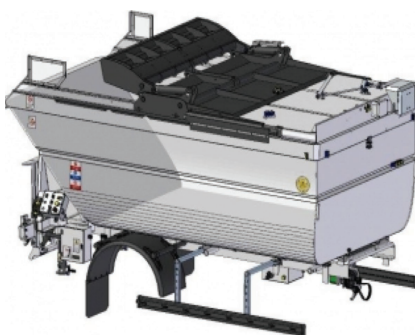
Rear Stabilizer feet provide additional stability during discharge.



Payload Transfer

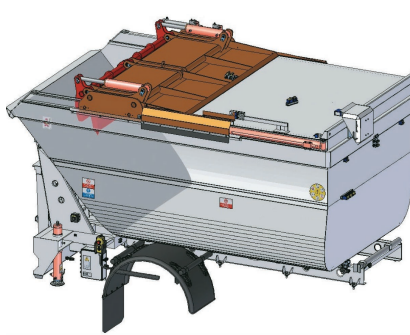
The High Dump feature allows for the transfer of payload into a larger rear loader, skip bin, or conveyor system.

Press Mechanism



Slide and Sweep Blades

Slide and Sweep blades provide additional compaction by pressing material towards the front of the body for greater Payload.



Compaction Density

Press Mechanism provides 400kg/m³ Compaction density.



Rear Mounted Controls

All Compaction functions are operated safely from the Side of the Vehicle.

C/w remote pendant for bin lifter operation.

Bag Collection Device



Bag Collection Device

Fully integrated water proof sack for manual collection of litter, bulky waste or garbage bags.



High Hopper Entry

Prevents operators from manually tipping bins or large items directly into the hopper reducing the risk of injury.

SERIES: SATELLITE REAR LOADER 7M³
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The current Bucher international locations.

