

## MC14 COMPACTOR

### CONSTRUCTION SPECIFICATIONS

Item	Thickness (mm)
Body Sides	4*
Body Roof	4*
Body Centre Floor	5*
Subframe Longitudinal	5
Subframe Outriggers	4
Hopper Floor	5**
Hopper Sides	5 base + 3**
Sweeper Blade	5
Ejector Panel	3*

\*Weather resistant Steel

\*\* Abrasive Resistant Steel



### OPERATING CONTROLS

Packing	L/H rear of load body
Tailgate Raise	L/H front of load body
Ejector	L/H front of load body
PTO	In cab
Engine speed up	L/H front of load body
Signal buzzer	L/H rear of load body

### VALVES

Packing Control Spool	Ejector Spool	Tailgate Raise Spool
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### Chassis Requirements

Model	Cab Configuration	Front Axle Rating (kg)**	Rear Axle Rating (kg)**	GVM (kg)	WB (mm)	Rear O/H (mm)
MC14	Cab over axle	5 000	10 200	15 200	4 800	950
	Cab behind axle	4 300	10 200	14 500	5 600	900

The specification as shown are only guidelines. To determine the optimum configuration, a detailed mass distribution should be done, taking specific chassis and configuration into consideration.

\*Vehicle to be fitted with RQV governor.

\*\*This is the legal maximum for waste compactors and tandem axles. Please note that the axle/suspension and tyre rating could limit this value.

\*Indicative of general loadings experienced on front axle. This is not necessarily the legal maximum for the vehicle.

### Tailgate Specifications

Model	Hopper Capacity (m <sup>3</sup> )	Loading Sill Height (mm)*	Hopper Loading Width (mm)	Hopper Opening Height (mm)	Cycle time (s)**	Mass (kg)
MC14	1.3	35	2 083	1335	16-18	1 802

Various types of bin lifting systems can be fitted to suit specific requirements.

\*Dimension below chassis height.

\*\*Throttle advance system required on mechanical chassis.

### Hydraulic Specifications

#### Pump

#### Hydraulic oil Reservoir

Type	Max operating pressure (MPA)	Flow Rate (ℓ/min)	Capacity (ℓ)	Filtration (micron)
Gear	13.8	60	105	10 Return

### Cylinders

	Tailgate Raise	Packer Blade	Sweeper Blade	Ejector
Number	2	2	2	1
Bore (mm)	75	89	76	114*
Stroke (mm)	582	650	415	

### Body Specifications

Model	Body Capacity (m <sup>3</sup> )	Body Length (mm)	Body Width (mm)*	Body Height (mm)**	Body Mass (kg)	Combined Mass (kg)
MC14	13.4	5 475	2 140	1 990	1 984	4 285