

MC24 COMPACTOR

CONSTRUCTION SPECIFICATIONS

Item	Thickness (mm)
Body Sides	4*
Body Roof	4*
Body Floor	6*
Subframe Longitudinal	6*
Subframe Crossmembers & Outriggers	3
Hopper Floor	6**
Hopper Sides	6 base + 4 wear
Sweeper Blade	5 & 6
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

Chassis Requirements

Model	Cab Configuration	Front Axle Rating (kg)	Rear Axle Rating (kg)	GVM (kg)	WB (mm)	Rear O/H (mm)
MC24	Cab over axle	7 500	20 400	27 900	4 800	1 550

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.

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

Tailgate Specifications

Model	Hopper Capacity (m ³)	Loading Sill Height (mm)*	Hopper Loading Width (mm)	Hopper Opening Height (mm)	Cycle time (s)**
MC24	2.3	120	2 083	1 524	30

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

*Dimension below chassis height.

**Engine speed pneumatically controlled to 1 300 pm.
RQV governor required.

Hydraulic Specifications

Pump			Hydraulic oil Reservoir		
Type	Max operating pressure (MPa)	Flow Rate (ℓ/min)	Capacity (ℓ)	Filtration (micron)	
Gear	14	90	190	Suction 125	Return 10

Cylinders

	Tailgate Raise	Packer Blade	Sweeper Blade	Ejector
Number	2	2	2	1
Bore (mm)	115	139	114	140*
Stroke (mm)	715	815	558	

*Multi stage cylinder

Body Specifications

Model	Body Capacity (m ³)	Body Length (mm)	Body Width (mm)*	Body Height (mm)**	Mass (kg)
MC24	24	7 355	2 261	2 292	6 300