



Tel : 011 237 6900
Fax : 011 316 4224

32 Main Road / PO Box 1200
Clayville Ext 4
Olifantsfontein, 1665

INDUSTRIES(Pty)Ltd



M150 / M160 / M170 COMPACTOR



CONSTRUCTION SPECIFICATIONS

Item	Thickness (mm)
Body Sides	3*
Body Roof	3*
Body Floor	3*
Subframe Longitudinal	5
Subframe Crossmembers and Outriggers	5
Hopper Floor	5*
Hopper Sides	3*
Sweeper Blade	5
Ejector Panel	3*

*Corten Plate

OPERATING CONTROLS

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

VALVES

Packing Control	Ejector	Tailgate Raise
Spool	Spool	Spool

CHASSIS REQUIREMENTS (Typical)

Model	Cab Configuration	Front Axle Rating (kg)*	Rear Axle Rating (kg)*	GVM (kg)	WB (mm)	Rear O/H (mm)
M150	Cab over axle	4500	10200	14700	4400	950
	Cab behind axle	4500	10200	14200	4700	900
M160	Cab over axle	5000	10200	15200	4800	950
	Cab behind axle	4300	10200	14500	5600	900
M170	Cab over axle	5500	10200	16000	5000	950

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

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

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

* Vehicle to be fitted with RQV governor.

TAILGATE SPECIFICATIONS

Model	Hopper Capacity (m ³)	Loading Sill Height (mm)*	Hopper Loading Width (mm)	Hopper Opening Height (mm)	Cycle Time (s)**
M150	1.3	120	2083	1448	20
M160	1.3	120	2083	1448	20
M170	1.3	120	2083	1448	20

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 on engine.

HYDRAULIC SPECIFICATIONS

Type	Pump		Hydraulic Oil Reservoir		
	Max. Operating Pressure (Mpa)	Flow Rate (l/min)	Capacity (l)	Filtration (micron)	
Gear	13.8	76	122	Suction	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	

* Multi stage cylinder.

BODY SPECIFICATIONS

Model	Body Capacity (m ³)	Body Length (mm)	Body Width (mm)*	Body Height (mm)**	Mass (kg)
M150	10.7	3750	2135	1525	4170
M160	12	4150	2135	1525	4320
M170	15	4500	2135	1600	4600

* Inside.

** Above chassis

