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Olifantsfontein, 1665**



HC300 COMPACTOR



CONSTRUCTION SPECIFICATIONS

Item	Thickness (mm)
Body Sides	4
Body Roof	4
Body Floor	5/4
Subframe Longitudinal	5
Subframe Crossmembers and Outriggers	NA
Hopper Floor	6
Hopper Sides	7
Sweeper Blade	6
Ejector Panel	3

Material = S355J MS

OPERATING CONTROLS

Packing	L/H rear of loadbody
Tailgate Raise	R/H front of loadbody
Ejector	R/H front of loadbody
PTO	In cab
Engine speed up	L/H rear 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)	From C/L Bogie WB (mm)	From C/L Bogie Rear O/H (mm)
HC300	Cab over Axle	7 500	22 400	27 900	5 200	1 500

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)**
HC300	2.9	115	2 200	2 100	22 - 23

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

HYDRAULIC SPECIFICATIONS

Type	Pump		Hydraulic Oil Reservoir		
	Max. Operating Pressure (Mpa)	Flow Rate (l/min)	Capacity (l)	Filtration (micron)	
Gear	18	88	110	Suction	Return
				125	10

CYLINDERS

	Tailgate Raise	Packer Blade	Sweeper Blade	Ejector
Number	2	2	2	1
Bore (mm)	80	100	100	70/160
Stroke (mm)	550	598	875	3676

* Multi stage cylinder.

BODY SPECIFICATIONS

Model	Body Capacity (m ³)	Body Length (mm)	Body Width (mm)*	Body Height (mm)**	Mass (kg)
HC300	22	6 780	2 353	2 045	5 620

* Inside.

** Above chassis

