

660L Mid Sized Compactor (MSC)

The MSC is a smart compacting system for general waste and recyclables that is ideal for smaller bin centres and waste holding areas. The compaction mechanism in the MSC enables standard bins to hold up to 5 times more trash.

The all aluminium or stainless steel build means it is corrosion-resistant and it works with standard EN840 galvanised or plastic MGB wheelie bins from 550L to 660L.

The MSC is fully automated and has a microprocessor controlled system that senses fullness and machine status.

Technical Specifications



Approximate Overall Machine Dimensions

- Height: 2,000 mm
- Width: 1,400 mm
- Depth: 900 mm
- Weight: Approx 100 kg

Features

- Each unit will be secured to the floor using 7pcs of M8 bolts for safety
- Hinged doors or roller shutter door option for top compartment
- Bottom 660L bin compartment secured via hinged bin restrainers
- LED status lamps indicate compacted trash level, machine status and error codes

Waste Streams

- Mixed Waste Trash, Single Stream or Recycling



FULLNESS SENSING



ALERT REPORTING



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Technical Specifications – Compactor Mechanism



Voltage	24 V
Load	2000 N
Dynamic Bending Momentum	500 Nm
Self Locking Force	2000 N
Motor Speed	2800 RPM
Stretch Current with Load	4 A
Stretch Speed with Load	13 mm/s
Stroke	900 mm
Retracted Length	620 mm
Limit switches	2
IP Rating	IPX6
Hall Sensors	2
Spindle Brake	4.5 circles coil spring
Material	Aluminium
Certification	EM60601-1 compliant
Operational Temp Range	+5C to +45C
Power Consumption	~0.1kWh/day per compaction cycle