

Smart Mobile Refuse Compactor

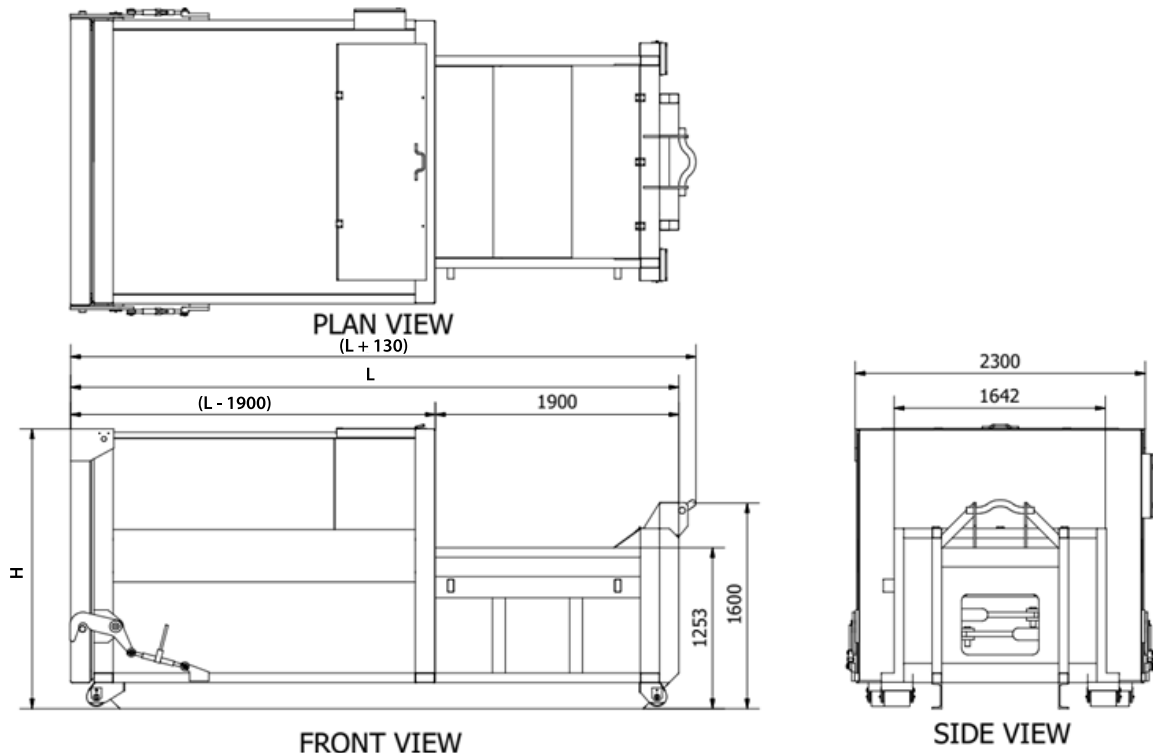
Model MEA2500 series

8cbm/10cbm/13cbm/15cbm/18cbm



The Refuse Compactor is designed to be used in the commercial, industrial and residential location. The function of the Refuse Compactor is to compact the waste and to store the waste. Once full the compactor would be haul away by a hooflift truck. A typical location of the compactor is in the bin center.

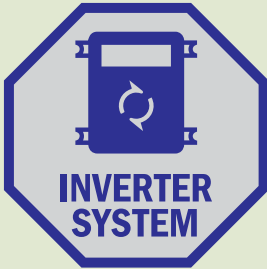
Smart Mobile Refuse Compactor



Technical Specifications

Model	2500-8	2500-10	2500-13	2500-15	2500-18
Capacity (m3)	8	10	13	15	18
Weight (kg)	2400	2650	2900	3150	3400
Overall length (mm), L	3800	3800	4400	4900	5500
Overall width (mm)	2300				
Overall height (mm), H	2000	2250			
Material Specification	Mild Steel				
Bottom plate thickness (mm)	6				
Side and top plate thickness (mm)	4.5				
Bottom ram wear plate material	UHMW				
Charge box volume (m3)	1.2				
Capacity per stroke (m3)	1				
Min. cycle time (sec)	35				
Max. through put (m3/h)	104				
Operating hydraulic pressure (bar)	150				
Loading height (mm)	1250				
Ram penetration (mm)	150				
Ram stroke (mm)	820				
Electric motor (kw)	5.5				
Power supply	415V, 3ph, 50Hz, 16A				
Power pack and control	External				
Door opening	Manual				
Ram extension	Normal				
Bin Lifter	Optional				

Optional Enhanced Features



Built-in INVERTER system with TAI PAN smart IoT technology. extend motor life span.

- power saving.
- less noise
- more compact
- ease of troubleshoot
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Real-time data collection, for remote monitoring, system performance update, refuse weigh data, etc.



Bi-dimensional sensor, by sensing weight mass and pressure.



Ozone generator / Deodorizer is used to reduce the odor generated by bacteria.



Smoke & Fire Detector would signal the alarm when detected particles above a certain threshold.



Super coating against corrosion is applied. Guaranteed with 10 years warranty.

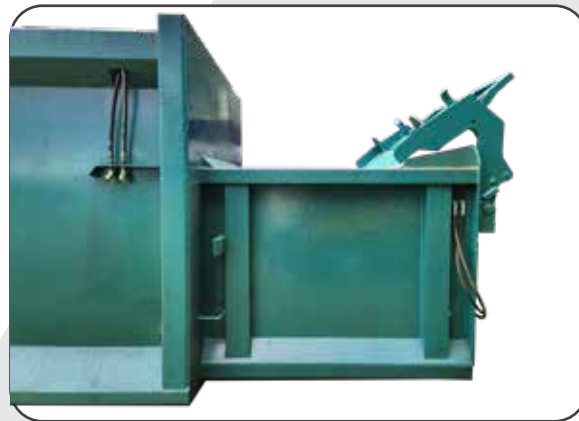


On-site camera to record footage of operation.

Optional Accessories

Ultra Compact Bin Lifter

Cater for 120L, 240L, and 660L bin



External Hydraulic Power Pack Unit



Elevate waste management efficiency with our Smart Intel Hydraulic Power Pack Unit. This innovative system ensures precise pressure control, monitors oil level and temperature in real time, integrates a powerful deodorizer for odor management, and includes CCTV functionality for enhanced security and monitoring. Experience the future of mobile refuse compaction with intelligent technology at your fingertips.