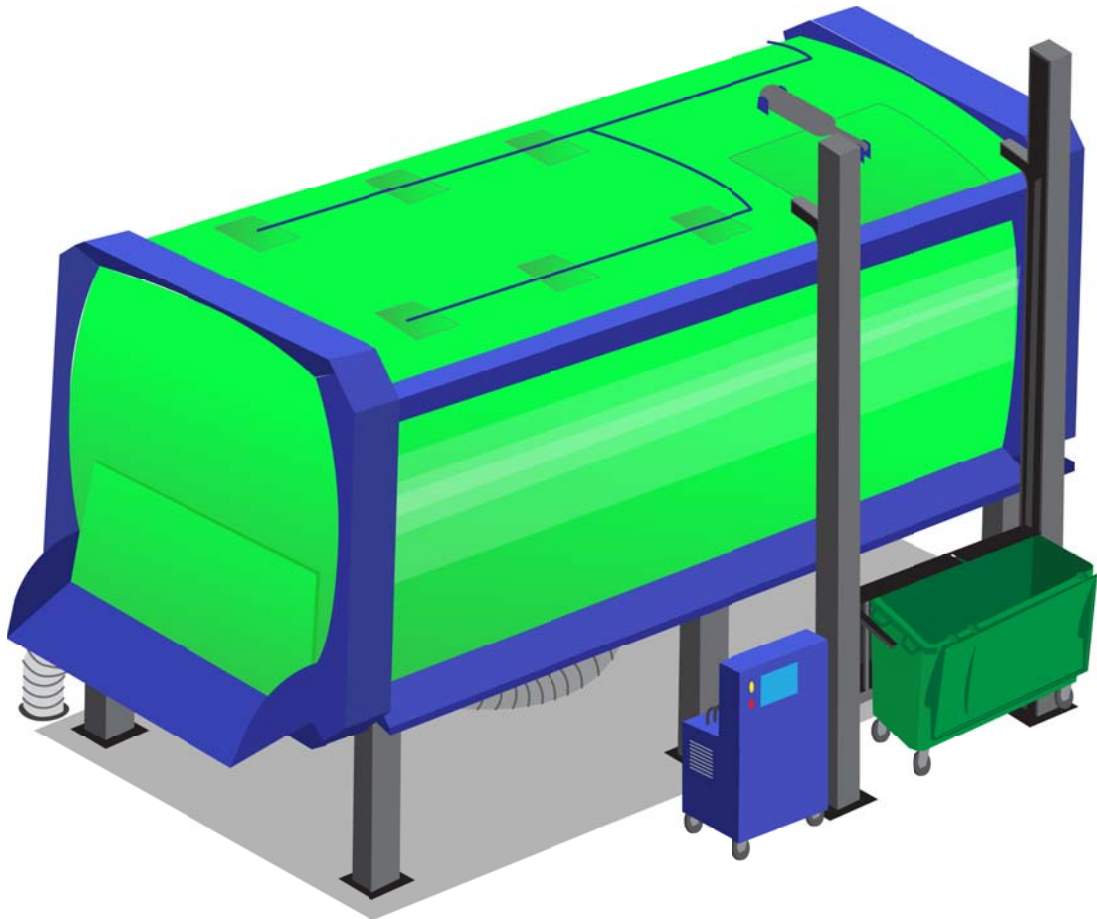


MULTIPLIEROR REFUSE COMPACTOR

2.5cbm/3.5cbm/4.5cbm/5.5cbm/
8cbm/10cbm/13cbm/15cbm/18cbm

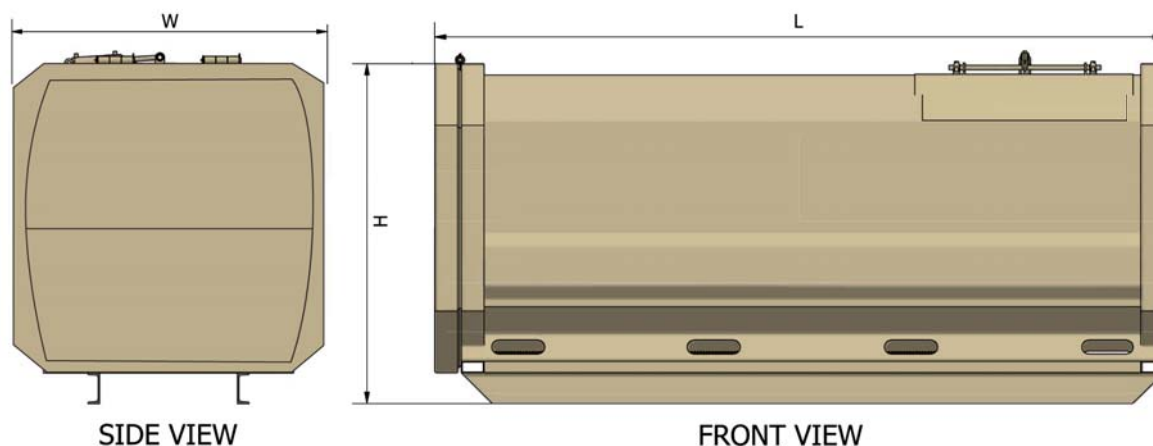


incorporated with

TAIPANTECH

smart technology

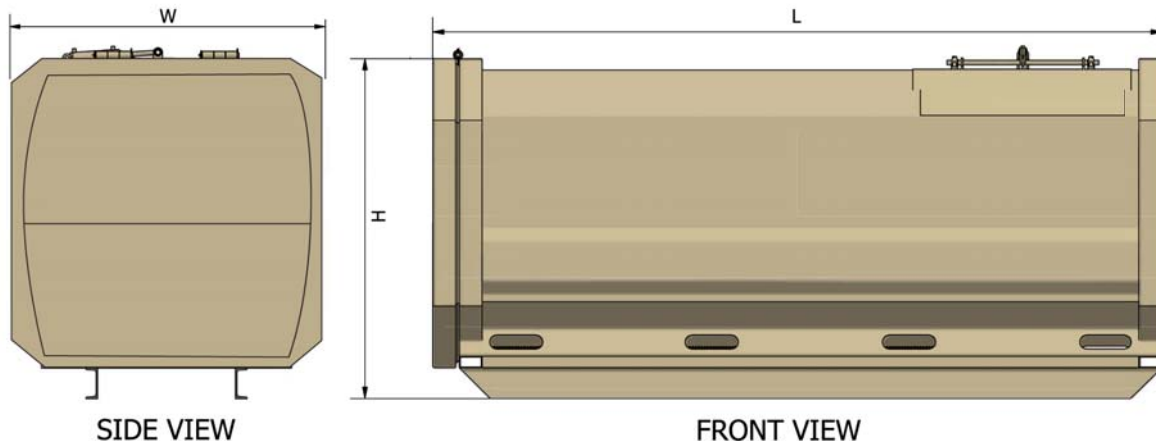
Multiplexor Refuse Compactor



Refuse Compactor Technical Specifications

Model	YM2000-2.5	YM2000-3.5	YM2000-4.5	YM2000-5.5
Capacity (m ³)	2.5	3.5	4.5	5.5
Weight (kg)	1100	1400	1700	2000
Overall length (mm), L	2630	3130	3630	4130
Overall width (mm), W	1740			
Overall height (mm), H	1940			
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 (m ³)	0.9			
Capacity per stroke (m ³)	0.75			
Min. cycle time (sec)	33			
Max. through put (m ³ /h)	90			
Operating hydraulic pressure (bar)	150			
Loading height (mm)	2200			
Ram penetration (mm)	150 (normal operation)			
Ram stroke (mm)	720			
Electric motor (kw)	5.5			
Power supply	415V, 3ph, 50Hz, 16A			
Power pack and control	External			
Door opening	Hydraulic operated			
Ram extension	Full length of body (discharge operation)			
Bin lifter	Integrated			

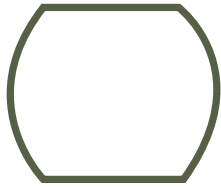
Multiplexor Refuse Compactor



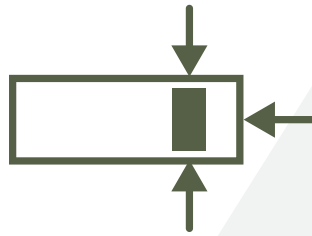
Refuse Compactor Technical Specifications

Model	YM3000-8	YM3000-10	YM3000-13	YM3000-15	YM3000-18
Capacity (m3)	8	10	13	15	18
Weight (kg)	2800	3100	3400	3700	4000
Overall length (mm), L	4130	4830	5530	6030	5530
Overall width (mm), W	2040				2390
Overall height (mm), H	2240				2590
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)	1.44				
Capacity per stroke (m3)	1.2				
Min. cycle time (sec)	35				
Max. through put (m3/h)	124				
Operating hydraulic pressure (bar)	150				
Loading height (mm)	2500				
Ram penetration (mm)	150 (normal operation)				
Ram stroke (mm)	820				
Electric motor (kw)	5.5				
Power supply	415V, 3ph, 50Hz, 16A				
Power pack and control	External				
Door opening	Hydraulic operated				
Ram extension	Full length of body (discharge operation)				
Bin lifter	Integrated				

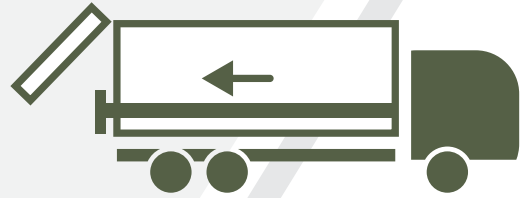
Design Features



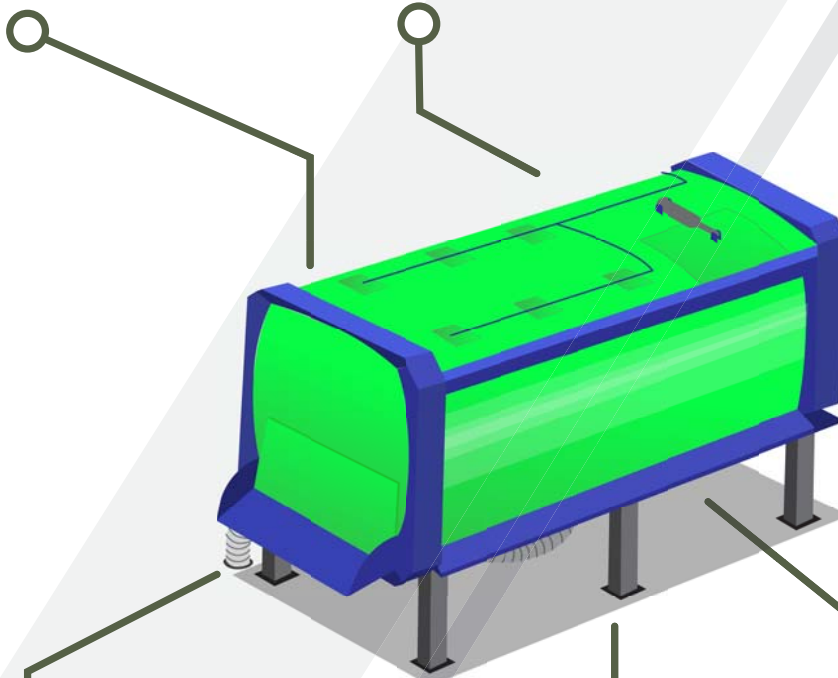
Barrel shape to ensure maximum waste storage



Inlet Hopper is designed for side lifting, and back

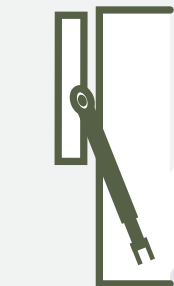


No tilting of compactor required when entering Incineration Plant/ Dumping Site. Eliminate the risk of compactor falling off from hook.



No tilting of compactor required when entering Incineration Plant/ Dumping Site. Eliminate the risk of compactor falling off from hook.

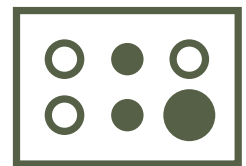
3" drainage valve with filter system at the bottom



Hydraulic Latching and Opening for Discharge Door



standard spare parts replacements



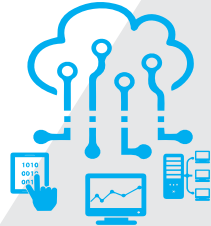
User friendly control panel for ease of operation

Optional Features



Built-in INVERTER system with TAI PAN smart IoT technology.

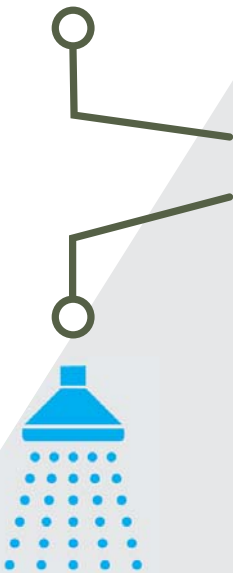
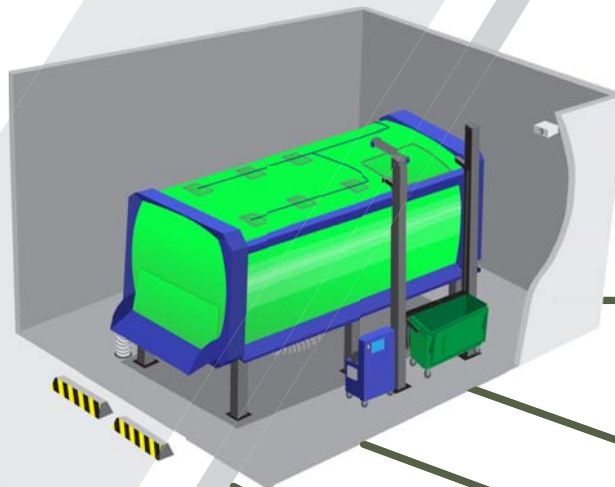
- 1. protect the motor for longer life span.
- 2. save power supply usage.
- 3. less noise
- 4. more compact
- 5. easy for troubleshoot



Can be integrated with IoT and Big Data System



Ozone Generator / Deodorize. To reduce odour problem



Optional for Flushing & Cleaning System. built-in nozzle for periodic flushing. to eliminate odour problem, and reduce corrosion



Ultrasonic Pest Repeller



Optional for attaching 660L Bin Lifter, or Bin Lifter Mast cater for 120L, 240L, 660L bins



On-site Camera



Smoke and Fire Detector