

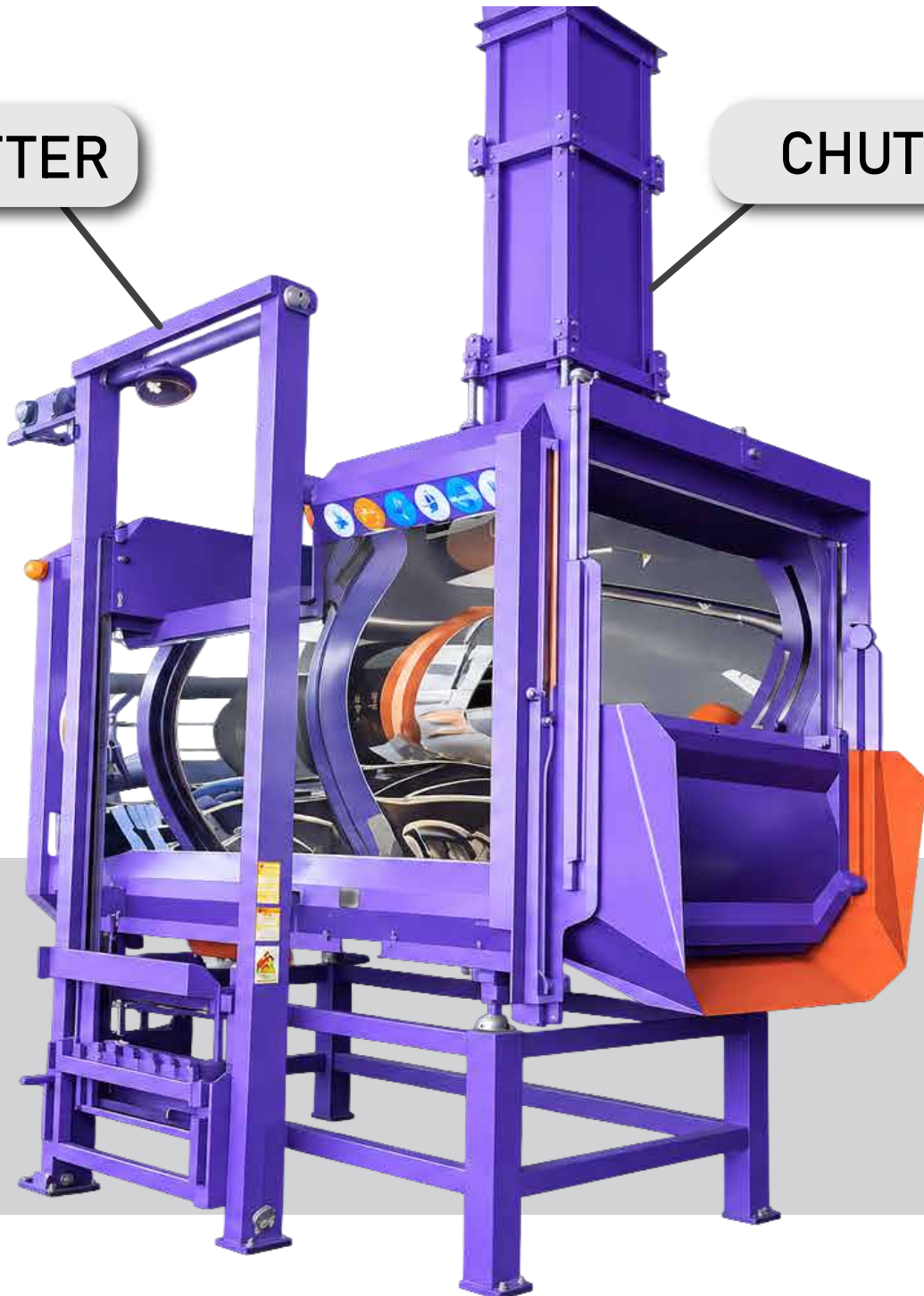
MULTIPLEXOR

HYBRID SMART STATIONARY REFUSE COMPACTOR

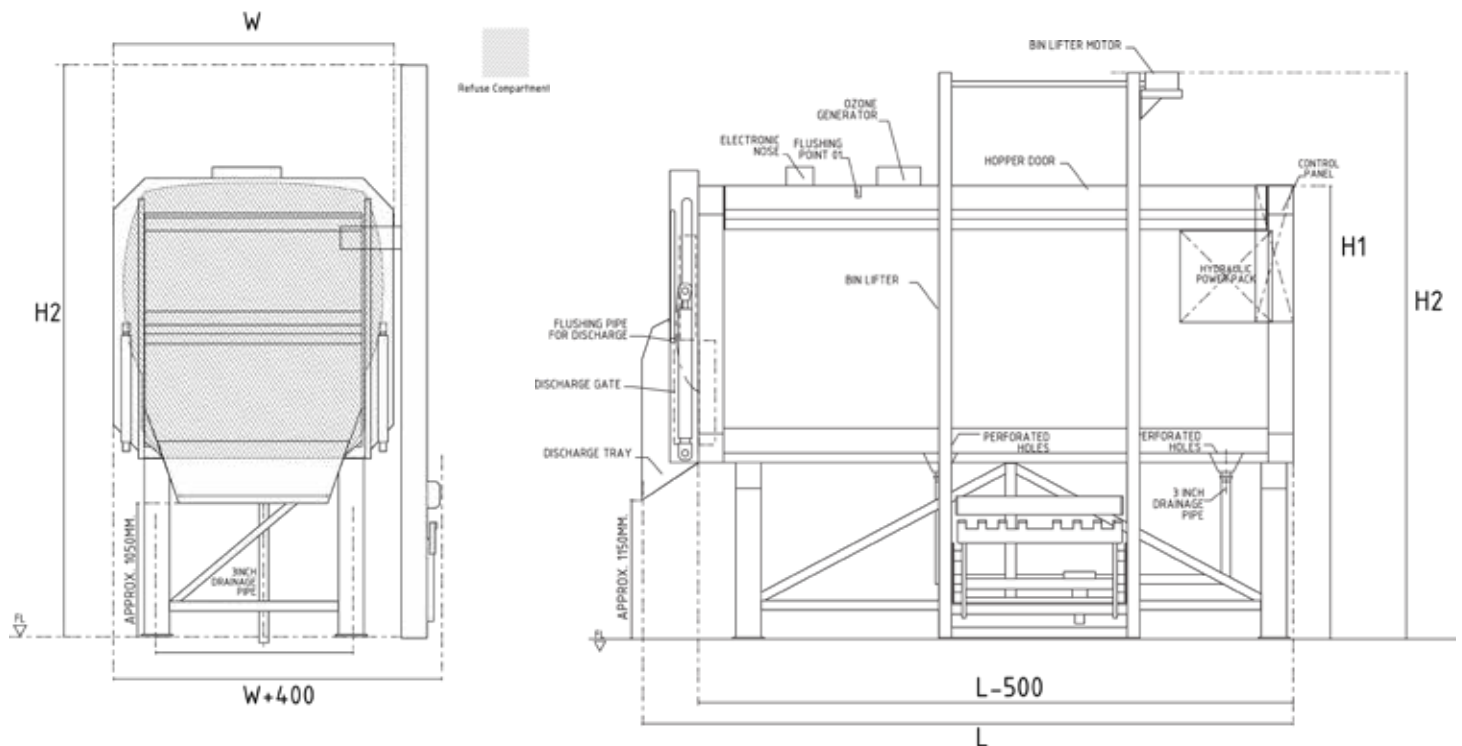
4.5cbm · 6cbm · 10cbm · 13cbm · 15cbm · 18cbm

BIN LIFTER

CHUTE



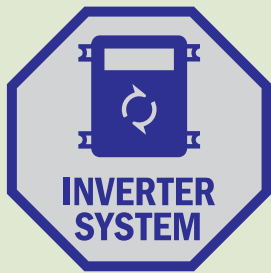
Multiplexor Refuse Compactor



Refuse Compactor Technical Specifications

Model	HM3000-4.5	HM3000-6	HM3000-8	HM3000-10	HM3000-13	HM3000-15	HM3000-18
Compacted Capacity (m3)	4.5	6	8	10	13	15	18
Self-weight (kg) (w/o bin lifter)	3000	3300	2800	3100	3550	3700	4000
Overall Length, L (mm) (w/ side bin lifter)	3900	3950	4225	4450	5200	6675	7215
Overall Length, L (mm) (w/ rear bin lifter)	4350	4450	4725	4950	5700	7175	7715
Overall Height, H1 (mm) (w/o bin lifter)	3800						
Overall Height, H2 (mm) (w/ side bin lifter)	4500						
Overall Height, H2 (mm) (w/ rear bin lifter)	4800	4800	5000	5200	5500	5700	5900
Overall Width, W (mm) (w/o bin lifter)	2400						
Material Specification	Mild Steel, S275						
Bottom Plate Thickness (mm)	6						
Side Plate Thickness (mm)	4.5						
Packer Plate Thickness (mm)	9						
Min. Compaction Cycle Time (s)	35	35	40	40	45	45	50
Max. Throughput (m3/hr)	190						
Operating Hydraulic Pressure (bar)	150						
Bin Lifting Cycle (s)	60						
Discharge Tray Height, H1 (mm)	1200						
Electric Motor (kW)	7.5 VFD						
Power Supply	415V, 3PH, 50Hz, 16A						
Power Pack and Control	External / Build-in						
Flushing System	Internal and Discharge Area						
Smoke & Gas Detector	up to 10,000ppm						
Deodorizer	2000mg/hour						
Compaction Ratio	3 : 1						

Special Design Features



Built-in INVERTER system with TAiPAN smart IoT technology.

- extend motor life span.
- power saving.
- less noise
- more compact
- ease of troubleshoot



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.*Optional



Internal and external flushing would keep the equipment clean at all time, to lengthen the life span of equipment



On-site camera to record footage of operation.



Wide discharge opening for higher transfer rate, prevent clogging or long waiting time

IoT & Big Data Integration



Alert Triggering System

Multiplexor compactor features an advanced alert triggering system with 25 integrated sensors. These sensors monitor operational parameters, ensuring real-time detection of potential issues. This comprehensive monitoring enhances safety, optimizes performance, and minimizes downtime, providing an efficient and reliable waste management solution.



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Parameters

Smart Sensor Monitoring System

Maxiton's Multiplexor stationary refuse compactor boasts a 26-point health monitoring system. It tracks sensor lifespan, component integrity, fill level, weight, temperature, and more. This comprehensive monitoring ensures optimal performance, timely maintenance, and extended equipment lifespan, delivering a reliable and efficient waste management solution.



RFID System



Multiplexor compactor features an advanced RFID system, enabling secure and efficient access control. This technology allows authorized personnel to operate the compactor seamlessly, enhances operational efficiency, and ensures accurate tracking of usage data for improved maintenance and management of waste handling operations.