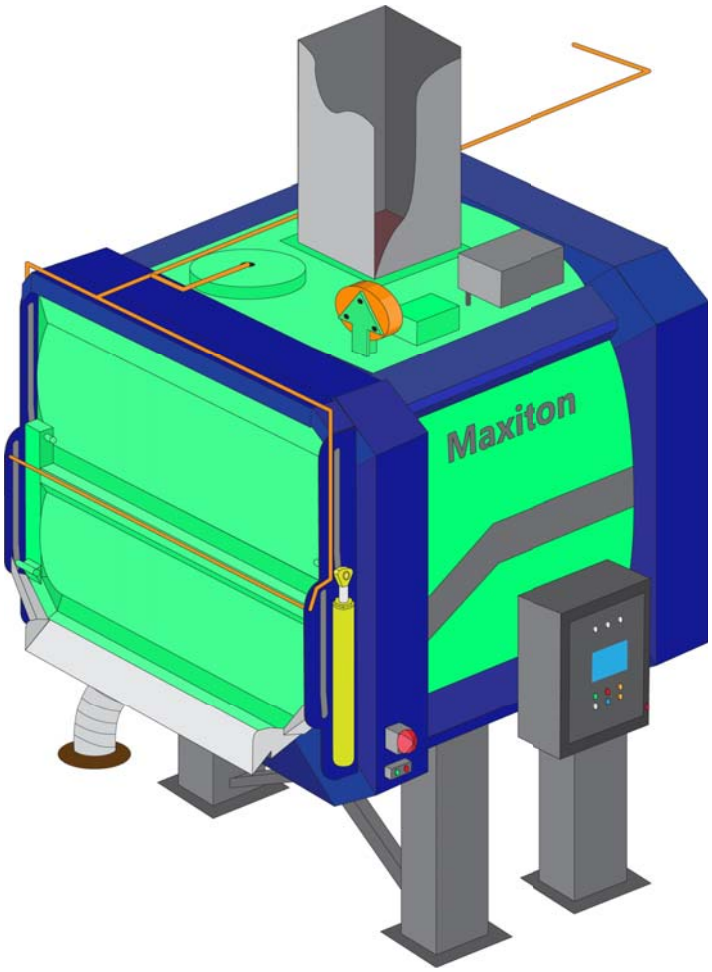
Maxiton

CUBiPLEXOR

STATIONARY REFUSE COMPACTOR



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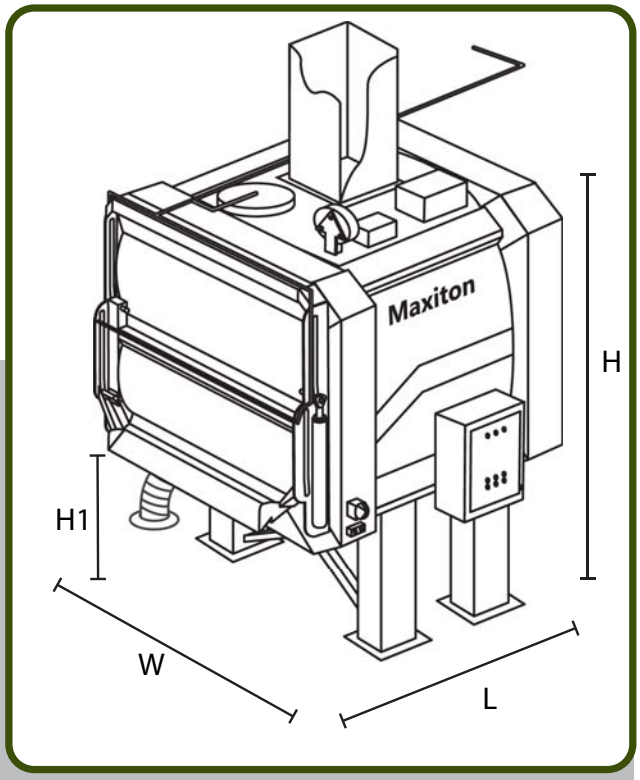
CUBiPLEXOR STATIONARY REFUSE COMPACTOR

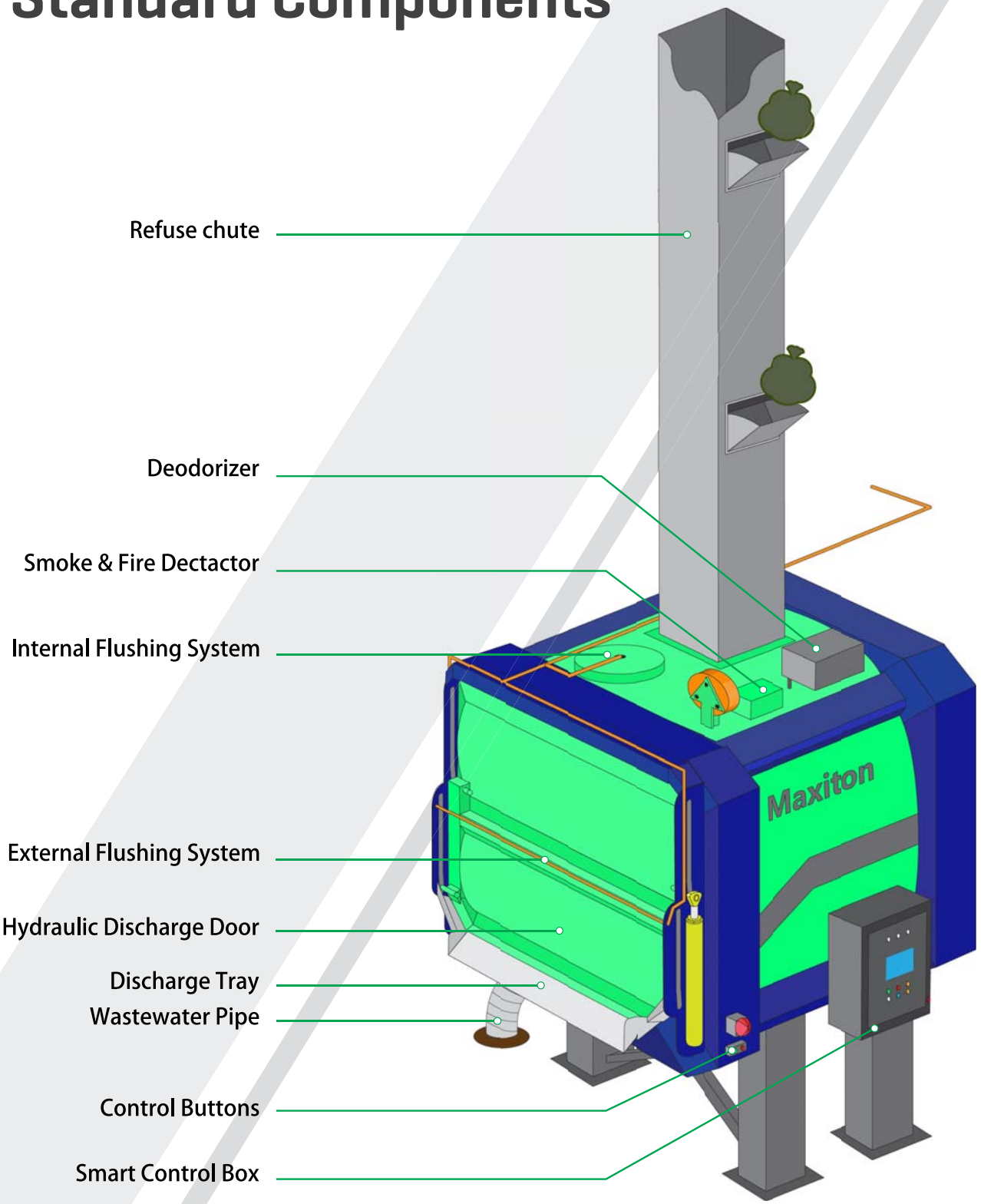
A mini-sized smart waste compactor that is suitable for waste collection sites with space constraints. With a compaction ratio of 3:1, CUBi-Plexor can contain more than 2 times of waste than other compactors of the same capacity. Incorporated with TAiPAN technologies, remote monitoring and data analysis has never been easier for operators.



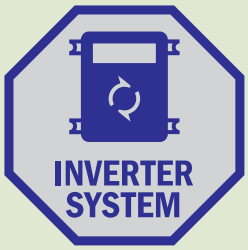
Technical Specifications

Model	CUBi-450	CUBi-600
Capacity (m3)	4.5	6
Self-weight (kg)	2500	3000
Overall Length, L (mm)	2200	2630
Overall Height, H (mm)	3150	3151
Overall Width, W (mm)	2100	2100
Material Specification	Mild Steel	Mild Steel
Bottom Plate Thickness (mm)	6	6
Side Plate Thickness (mm)	4.5	4.5
Packer Plate Thickness (mm)	9	9
Min. Cycle Time (s)	33	33
Max. Throughput (m3/hr)	150	150
Operating Hydraulic Pressure (bar)	150	150
Discharge Tray Height, H1 (mm)	1200	1200
Electric Motor (kW)	7.5	7.5
Power Supply	415V, 3PH, 50Hz, 16A	415V, 3PH, 50Hz, 16A
Power Pack and Control	External	External
Flushing System	Internal and Discharge Area	Internal and Discharge Area
Smoke & Gas Detector	up to 10,000ppm	up to 10,000ppm
Deodorizer	2000mg/hour	2000mg/hour
Compaction Ratio	3 : 1	3 : 1

Standard Components



Standard Design Features



Built-in INVERTER system with TAiPAN smart IoT technology.
- protect the motor for longer life span.
- save power supply usage.
- less noise
- more compact
- easy for troubleshoot

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

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

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.

Reinforced with nylon plate to reduce impact from high floor, minimize damage on metal structure

Sensor to trigger alarm when refuse is start piling up to the chute.

User friendly control button for ease of operations.

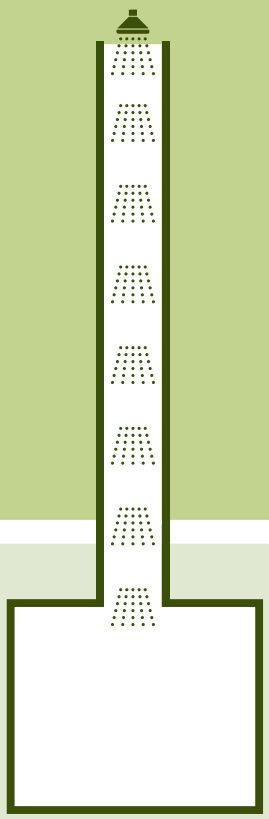
Wide discharge opening for higher transfer rate, prevent clogging or long waiting time

Optional Design Features

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

Real-time data collection, for remote monitoring, system performance update, refuse weigh data, etc.

On-site camera to record footage of operation.



Refuse chute flushing system integrated with solenoid control from roofttop