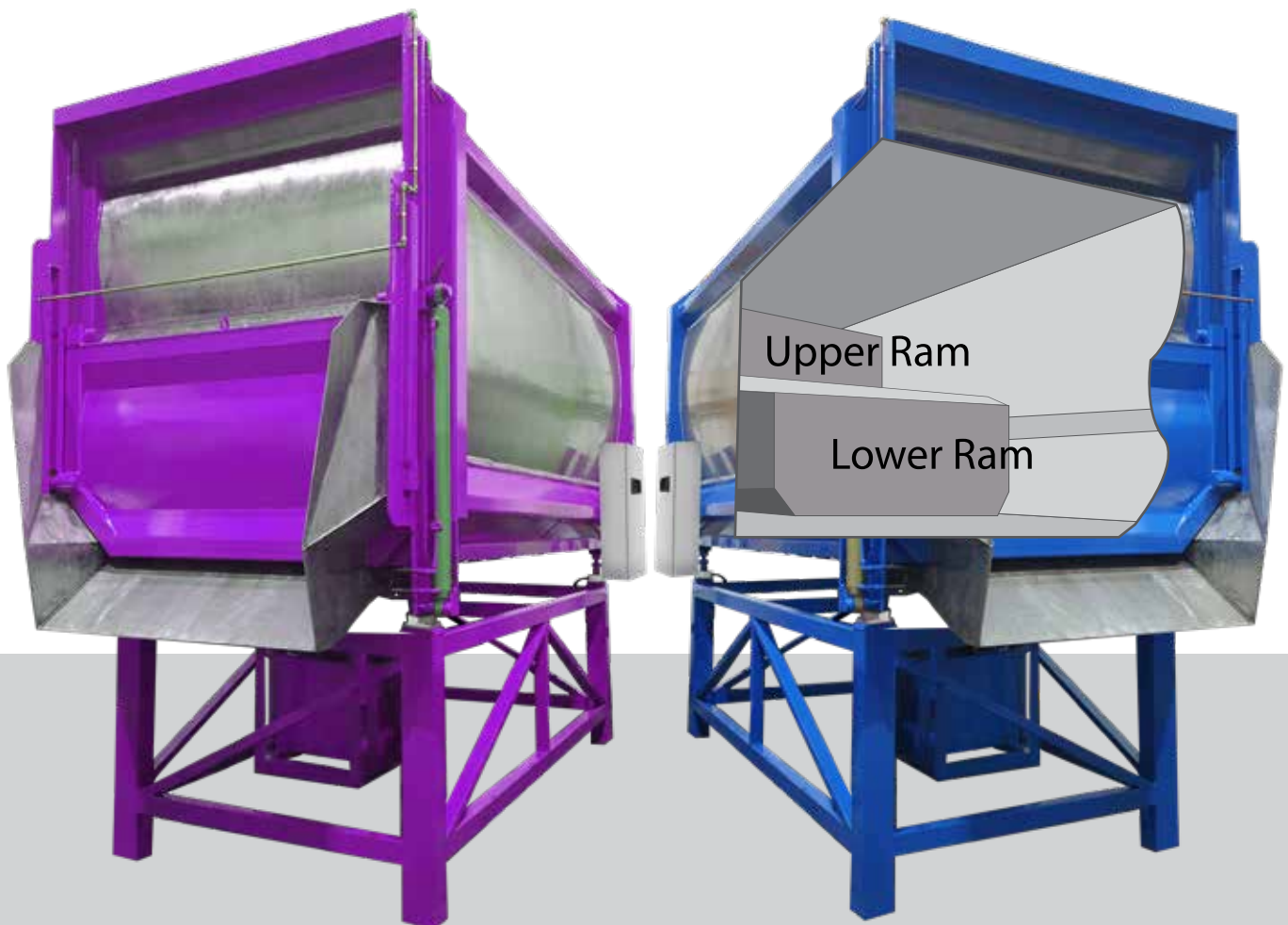


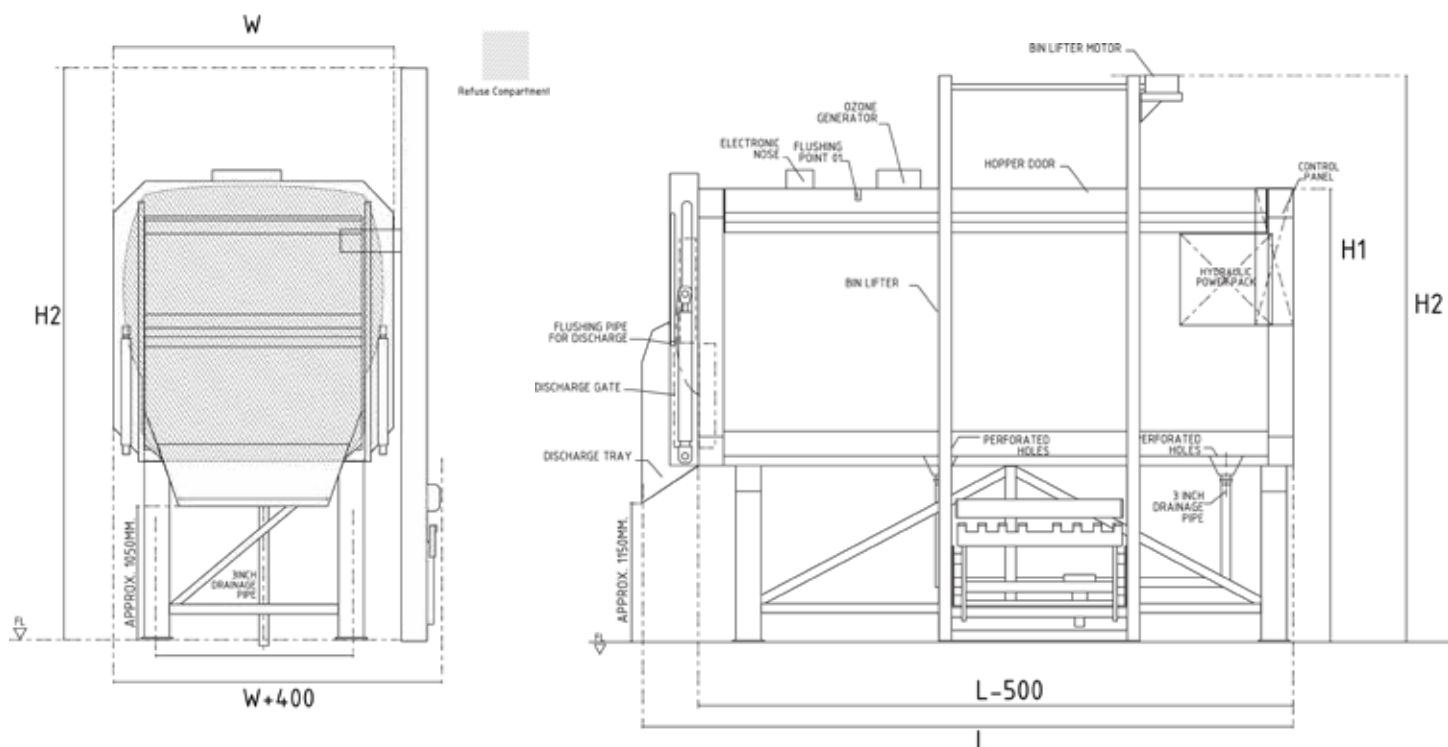
SMART DUAL COMPACTOR

10cbm/13cbm/15cbm/18cbm

Compaction Ratio 4:1



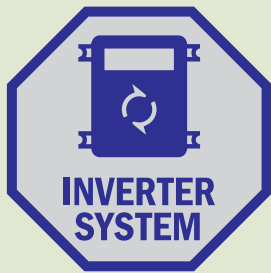
SMART DUAL COMPACTOR



Technical Specifications

	Model		BV100AC	BV130AC	BV150AC	BV180AC	BV200AC
Dimensions	Container Length	mm	4831	5531	6031	5531	6031
	Container Width	mm	2040	2040	2040	2390	2390
	Container Height	mm	2243	2243	2243	2593	2593
	Compactor Overall Length	mm	5119	5819	6319	5819	6319
	Compactor Overall Width	mm	2521	2521	2521	2871	2871
	Compactor Overall Height	mm	4500	4500	4500	4500	4500
	Volume	m3	10	13	15	18	20
	Charge Box capacity	m3	1.44	1.44	1.44	1.44	1.44
	Clear Top Opening	m2	1.16	1.16	1.16	1.16	1.16
Performance	Discharge Opening	m2	1.1	1.1	1.1	1.1	1.1
	Cycle time	sec	33	33	33	33	33
	Total Normal Force	kN	177	177	177	177	177
	Total Maximum Force	kN	220	220	220	220	220
	Normal Ram Face Pressure	kN/m2	157.9	157.9	157.9	157.9	157.9
	Maximum Ram Face Pressure	kN/m2	195.8	195.8	195.8	195.8	195.8
	Compaction Ram Extension	mm	150	150	150	150	150
	Compaction Ram Extension Speed	sec	15	15	15	15	15
	Compaction Ram Retreat Speed	sec	18	18	18	18	18
	Discharge Ram Extension	mm	150	150	150	150	150
	Discharge Ram Extension Speed	sec	75	75	75	75	75
	Discharge Ram Retreat Speed	sec	90	90	90	90	90
	Lifting Height	mm	1000	1000	1000	1000	1000
	Motor Type		AC				
Electrical	Motor Power	kW	5.5	5.5	5.5	5.5	5.5
	Electric Control Voltage	VAC	400	400	400	400	400
	Panel Box Assembly		key operated				
Hydraulics	Hydraulic pump	L/min	22	22	22	22	22
	Normal Pressure	bar	130	130	130	130	130
	Maximum Pressure	bar	150	150	150	150	150
	Cylinder Bore Size	mm	100	100	100	100	100
	Cylinder Rod Size	mm	60	60	60	60	60

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

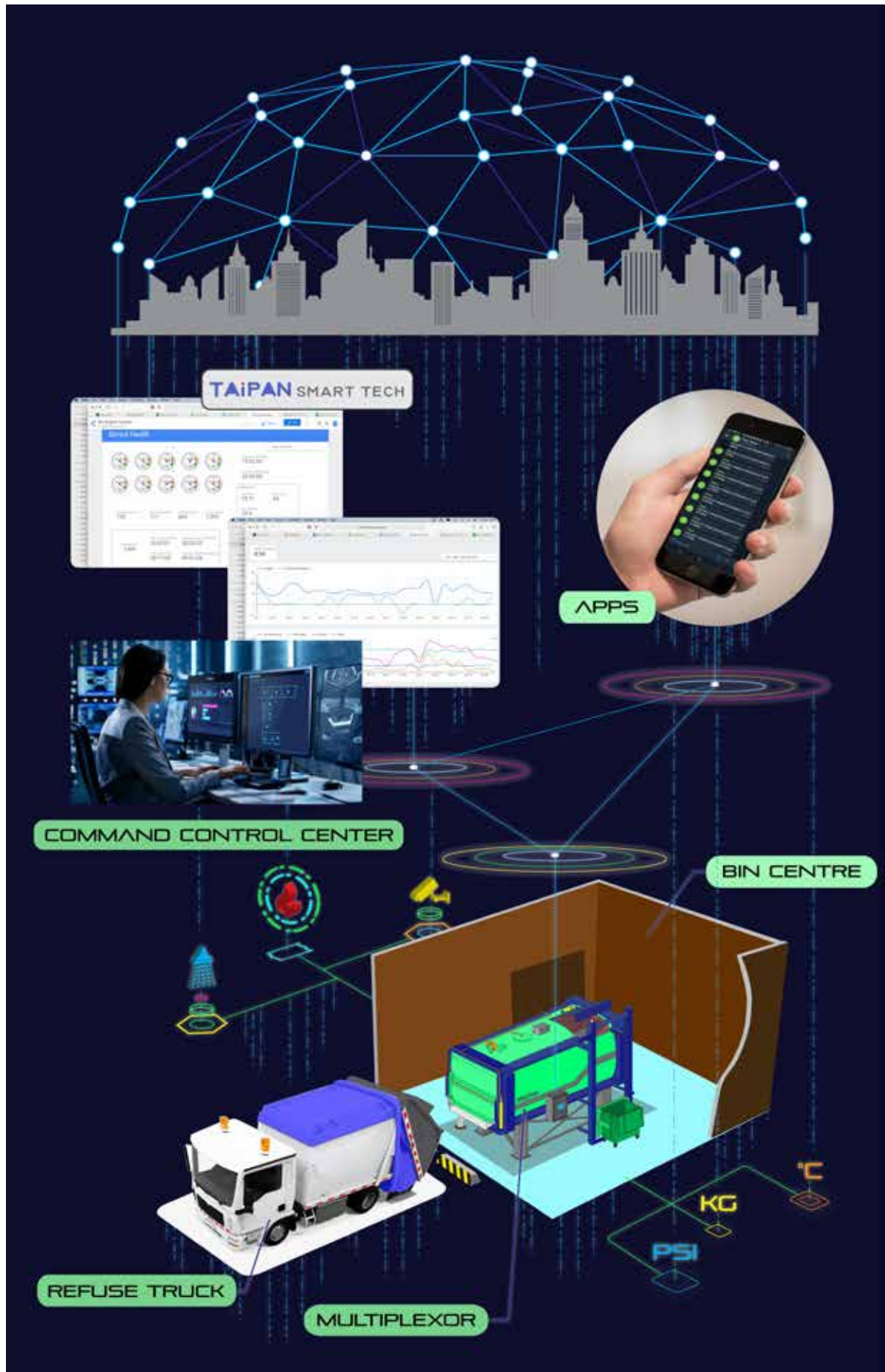


On-site camera to record footage of operation.



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.