

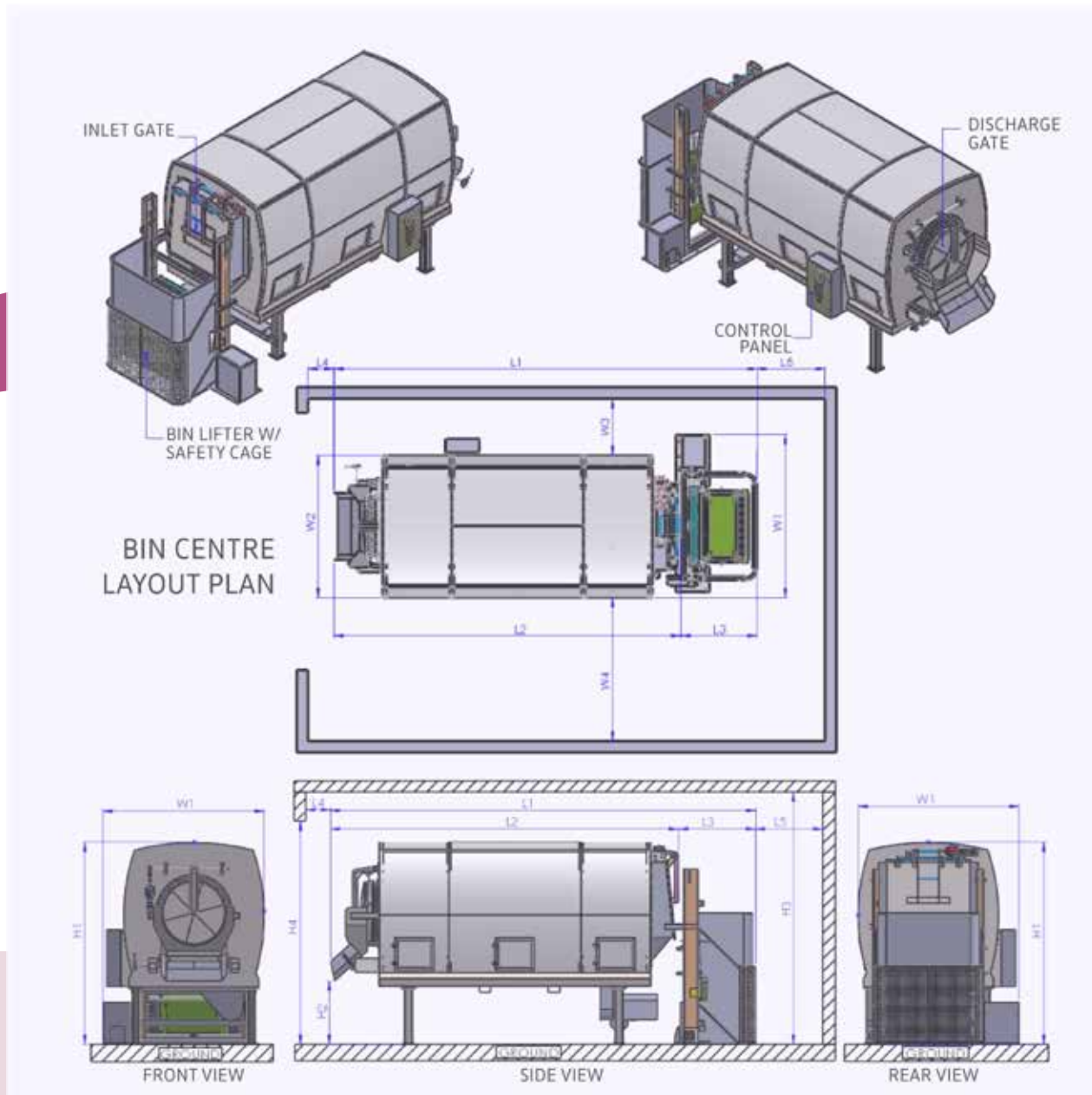
G-DRUM

German Design
Smart Refuse Rotary Drum

8m³ 10m³ 12m³ 16m³ 20m³



Technical Specifications

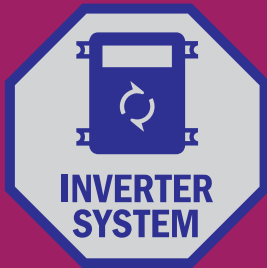


MODEL	CAPACITY	L1	L2	L3	L4	L5	W1	W2	W3	W4	H1	H2	H3	H4
GD-8	8M3	5190	3830	1360	500	MIN. 1200	2840	2475	MIN. 1003	MIN. 2500	3540	1145	MIN. 4500	MIN. 4000
GD-10	10M3	5750	4390	1360	500	MIN. 1200	2840	2475	MIN. 1003	MIN. 2500	3540	1145	MIN. 4500	MIN. 4000
GD-12	12M3	6310	4950	1360	500	MIN. 1200	2840	2475	MIN. 1000	MIN. 2500	3540	1145	MIN. 4500	MIN. 4000
GD-16	16M3	7430	6070	1360	500	MIN. 1200	2840	2475	MIN. 1000	MIN. 2500	3540	1145	MIN. 4500	MIN. 4000
GD-20	20M3	8550	7190	1360	500	MIN. 1200	2840	2475	MIN. 1000	MIN. 2500	3540	1145	MIN. 4500	MIN. 4000

General Technical Data:

- 1) INLET ID : Φ 2100MM
- 2) DISCHARGE ID : Φ 1050MM
- 3) MOTOR RATING :
 - i) DRUM - 3PH / 10HP (7.5KW) / 32A
 - ii) INLET GATE - 3PH / 0.5HP (0.37KW) / 1.98A
 - iii) BIN LIFTER - 3PH / 2.0HP (1.5KW) / 3.7A
 - iv) DISCHARGE GATE - 3PH / 0.55HP (0.4KW) / 3.00KN
- 4) ROTATING SPEED : 4 RPM
- 5) MATERIAL : S/S 304 (for all waste contact area) & MILD STEEL
- 6) DISCHARGE RATE : 0.5 ~ 1.5M3 / MIN
- 7) COMPACTION RATIO : Approx. 2 : 1 (depending on type of waste)

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 ampere.



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



Ensure authorised user to operate machine. Data capture on time-stamp, userID, weight. *Optional



Superior material against corrosion is applied. Guaranteed with 10 years warranty.*Optional



External flushing would keep the equipment clean at all time, to lengthen the life span of equipment

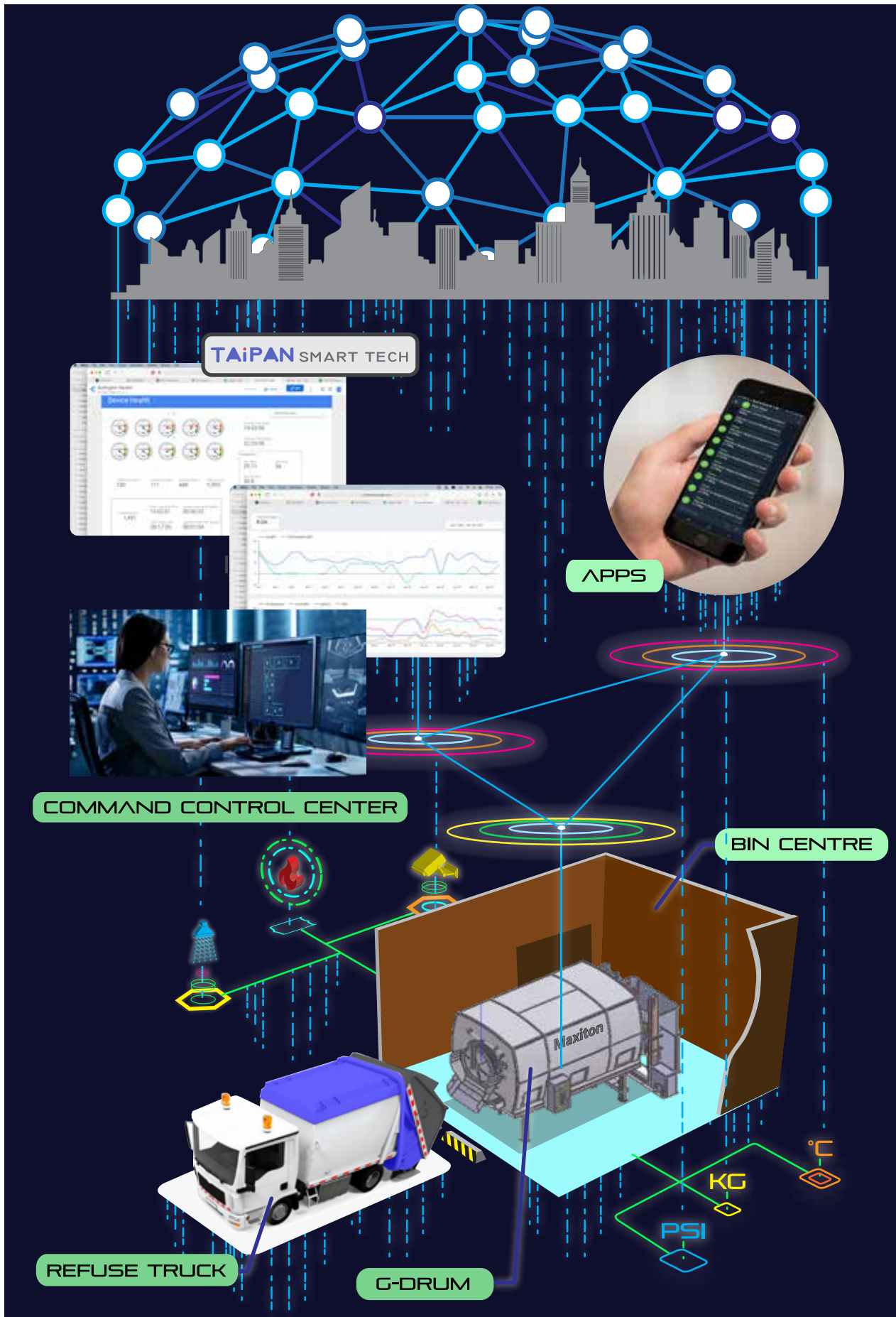


On-site camera to record footage of operation.



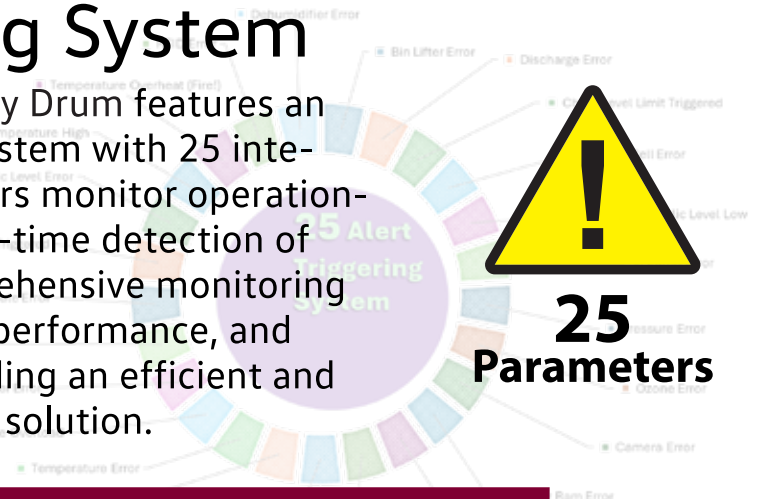
Full Electric-powered machine. Eliminate hydraulic oil usage, and spillage. Ensure clean environment application.

IoT & Big Data Integration



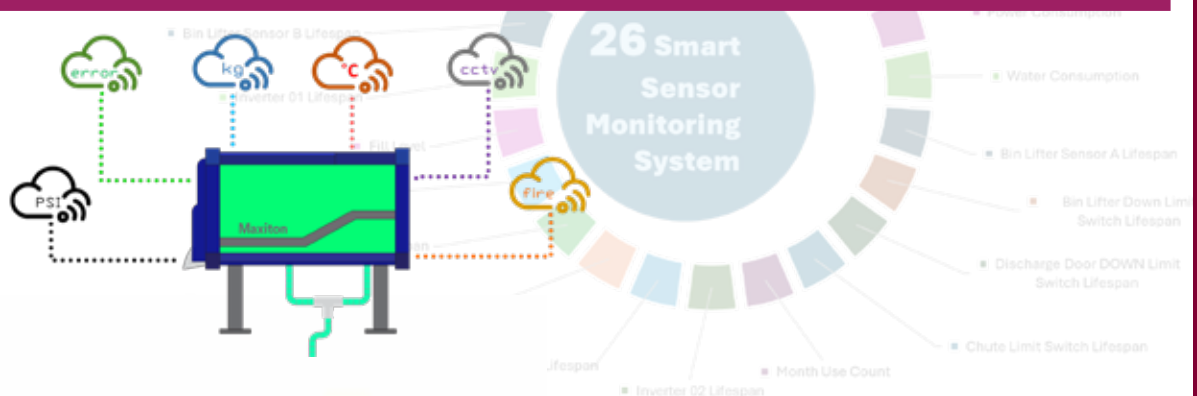
Alert Triggering System

G-Drum Smart Refuse Rotary Drum 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.



Smart Sensor Monitoring System

Maxiton's G-Drum Smart Refuse Rotary Drum 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



Maxiton G-Drum 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.