

Panoptic[®] Systems

® PanoptiCash - Highlights

Semi-mobile container-based

40' container-based solution integrating all process elements in a secure, self-contained unit. Designed for fast deployment and protected operation.

Bulk sorting of mixed UBCs

Handles mixed streams of PET, ALU, FE, glass and cartons within standard RVM size ranges. Supports flat, angular, thin tubes, and large kegs up to 4L.

Exceptional throughput

Handles up to 650–670 UBCs per minute, supporting high-volume operations with ease.

Operator-focused housing design

Controlled access with dedicated service and operation zones. Optimized layout for safe operation, maintenance and material handling.

Production-ready data

Integration with AAnalytics platform ensures structured, trusted data. Enables real-time insight, reporting and integration with operational and financial systems.

Built for durability and serviceability

Robust, self-supporting structure designed for long life. Key components are accessible and replaceable to support high uptime.

Integrated storage and bin handling

Depending on use profile. Bins calculated based on 20-25,000,000 empties per year.

High-compactness crusher

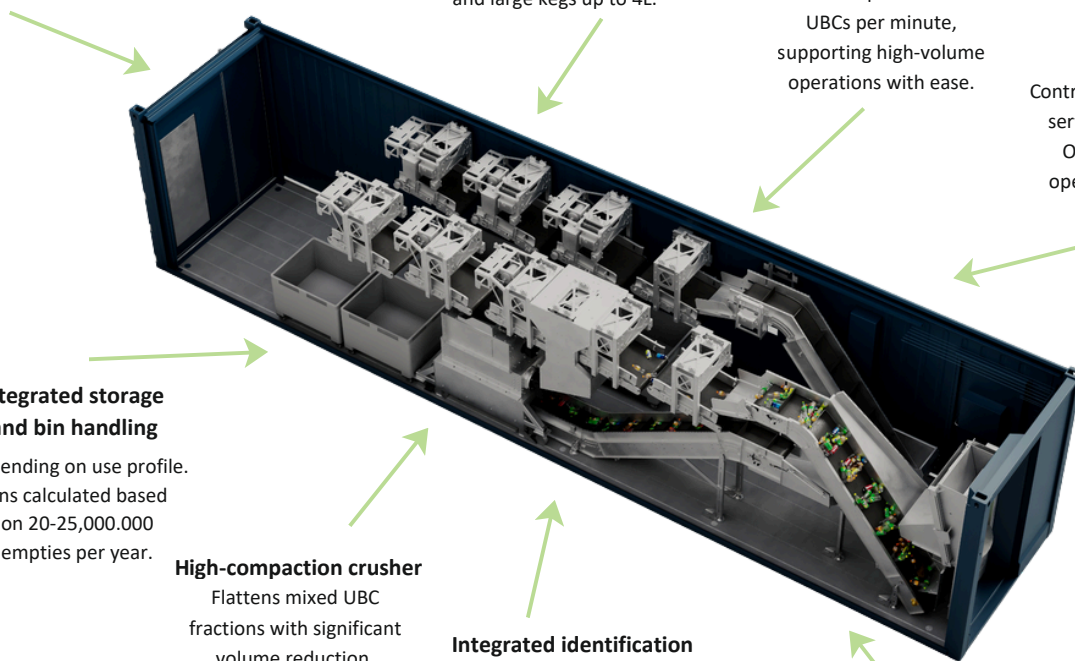
Flattens mixed UBC fractions with significant volume reduction. Optimizes storage and transport efficiency.

Integrated identification and classification

Built-in module reads barcodes and distinguishes between plastic and metal fractions. Prepared for future QR-code support.

Role-based user interface

User access controlled by roles and permissions. Ensures secure operation and clear separation of responsibilities.



Counting speed	Up to 650–670 items/min	Noise	≤ 75 dB(A) outside container
Containers form	Flat, angular, thin tubes and large kegs – form is not critical	Installation	Requires external water, power, and drainage
Batch handling	Max. 30 sec. Estimated 10-15 sec	Self-contained	Self-sufficient with internet and compressed air, light, power and drain
Crusher	Flattens and perforates. Reduction: Up to 75% PET and 90% ALU/FE	Safety	Container acts as a safety shell. Access control via unique keys/codes
Cleaning	Integrated with drain. Manual deep cleaning 1.5 - 3 hours weekly	Data & software	AAnalytics software access
Bin exchange	Exchange/empty one bin within 2 min	Internal storage	Up to 200,000 flat UBCs (mixed materials)