

WASTE CONTAINER SYSTEMS – FULL COMPARISON

Criteria	Fully Welded Systems	Semi-Modular Systems	Our Fully Demountable Systems
Repairability	Poor – full replacement needed	Limited – some parts replaceable	Excellent – all modules replaceable, quick field repairs
Refurbishment / End-of-life	Very limited – often scrapped	Partial refurbishment possible, costly	High – modules reused or replaced, extends lifespan
Flexibility	Fixed – one fraction per unit	Limited adaptability – heavy welded frames	Maximum – base convertible to paper, glass, residual, etc.
Stock & Logistics Efficiency	Requires large stock per fraction	Medium – some shared parts, still multiple variants	Low stock – one base is adaptable for all
Durability & Precision	Warping after galvanizing, dents affect fit	Strong but heavy, moderately precise	Very precise fit, minimal deformation
Material Choices	Restricted to weldable steels	Mostly steels for welding, little innovation possible	Broad choice – Magnelis, composites, noise-damping panels
Noise Reduction	Noisy, especially glass collection	Some improvement possible	Strong noise-damping possible with advanced panels
Production Efficiency	High labor, multiple complex processing steps	Medium – less flexible, heavy structures	Efficient assembly, no external galvanizing
Operating Mechanisms	Traditional, space lost inside container	Robust but bulky, moving beams inside	Space-efficient chain system, reliable
Pedestrian Platform	Fixed, welded	Heavy, not easily replaced	Modular, easily exchanged in field
Lifecycle Cost	High (CAPEX + OPEX)	Medium overall	Lowest total cost, sustainable