

RETURNABLE BINS

A cost-effective alternative to disposable packaging

- ✓ Lockable lids with tamper alerts
- ✓ Durable, stackable and nestable
- ✓ Compatible with most dollies & conveyors

Why Returnable Bins

Designed for traceability, controlled handling and repeatable performance in high-cycle supply chains.

- Robust one-piece design
- Made with impact modified virgin polypropylene
- Injection-moulded construction for added strength and impact resistance
- Flat-base, space efficient design compatible with most dollies and automated conveyor systems
- Nestleable for space-efficient return logistics

Full Lifecycle Traceability

Every asset has a unique identification tag, which enables:

- Real-time asset visibility, return cycle optimisation and inventory accuracy
- Reduced loss and shrinkage, maintenance and lifecycle management
- Usage and dwell-time analytics

Typical Applications

Applicable to various industries in need of secure component handling:

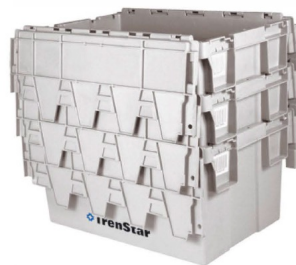
- Automotive OEM and aftermarket
- Electrical and electronic components
- Pharmaceutical and healthcare
- FMCG distribution
- Clothing retail and textiles
- Chemical handling



Fully Traceable Returnable Packaging Solutions

TrenStar™
Enable *ability*

NESTABLE
- OPTIMISED FOR
REVERSE LOGISTICS



RETURNABLE BINS

General Specifications

	TYPE 1P	TYPE 2P	TYPE 3P	TYPE 4P	TYPE 6P
External Lid (mm)	594 x 396 x 315	400 x 297 x 315	300 x 200 182	714 x 465 x 356	600 x 400 x 400
Internal Base (mm)	510 x 338 x 280	342 x 235 x 280	250 x 155 x 157	598 x 375 307	521 x 343 x 375
Pallet Size (mm)	1200 x 1000	1200 x 1000	1200 x 1000	1200 x 1000	1200
Stacked (mm)	1000	1000	1000	1000	1000
Nested (mm)	1096	1083	1188	1198	965
Nested Height (mm)	2049	2061	1928	1995	2014
Bin Weight (kg)	3.3	1.7	0.7	4.6	3.7
Load Capacity (kg)	160	160	167	200	165



Fully Traceable Returnable Packaging Solutions

	TYPE 1P	TYPE 2P	TYPE 3P	TYPE 4P	TYPE 6P
Pallet (Stacked)	12	27	96	9	6
Pallet (Nested)	48	108	384	45	36
6m Tautliner (Stacked)	144	324	1152	108	72
6m Tautliner (Nested)	576	1296	4608	540	432
12m Tautliner (Stacked)	288	648	2304	216	144
12m Tautliner (Nested)	1152	2592	9216	1080	864
18m Tautliner (Stacked)	432	972	3456	324	216
18m Tautliner (Nested)	1728	3888	13824	1620	1296



Flexability



Traceability



Manageability



Predictability



Profitability



Sustainability