

avro GSE



Endura Bag Cart

Endura Bag Cart Specifications

Overview

- The Endura Bag Cart is constructed from galvanized steel for market-leading durability, offering excellent resistance to wear and environmental stress.
- Designed to meet and exceed operational payload requirements, with reinforced flooring and structural components to ensure durability under heavy use.
- Modular design options include flat-pack shipping capability.
- Reinforced tow bar design to mitigate damage from improper forklift operation, ensuring structural integrity.

Galvanized Finish

- Material is processed in liquid bath of zinc alloy, removal of excesses coating low-pressure high-volume air knife, the material then completes the annealing process allowing the zinc and surface of steel to alloy.
- Finish options: Galvanized or powder-coated (sides & top). Note: the powder-coating will be an additional application on the galvanized sub-surface.
 - Coating thickness: G90 specification or similar
 - Weldments are powder coated

Assembly Specifications

- Sides & Top: Metal Gauge: 12G & 18G
- Cart Deck: Metal Gauge: 12G, 8G, & 1/4"
- Bolts: Grade 5, lock nuts

Torsion Axles

- Integrated front and rear torsion axles designed and manufactured in-house, ensuring superior durability and smooth performance under load.
 - Steel specification used: A36 / 44W at 1/4" and 1/2"
 - Replaceable rubber suspension

Turntable Steering

- Simplified steering mechanism utilizing NYCAST bushing and disk for enhanced reliability, ease of maintenance, and service-free connections. (NYCAST 6PA MoS₂ has higher crystalline product with improved mechanical properties, wear resistance, and built-in lubrication)
- Hitch turns 360 degrees

Braking System

- Double-actuated brake bar ensures zero runaway carts and consistent braking power, even as tires wear, eliminating potential wheel damage.
- Brake bar construction: 8G channel steel
- Brake pad: engineered metal profile (design to prevent tire damage)

Tires

- 4.00 x 8 Solid Dolly Tires (Black)

Hitch/Towbar

- Rear hitch:
 - E-Hitch System: Ergonomically designed towing hitch for safe and efficient attachment to towing vehicles.
 - Color: Red
- Towbar:
 - Color: Red

Corner Bumpers

- Top & bottom corner bumpers.
 - Top: Rubber (Black)
 - Bottom: Steel - 1/4" thick

Cart Size and Dimensions

- Cart Length: 115 inches (standard configuration).
- Cart Width: 59 inches.
- Cart Height: 58 inches (excluding the E-hitch).
- Cart Weight: 1,550lb
- Curtain Dimensions: 52.5" x 57".

Load Capacity

- Load Capacity: 8,000 LB

Curtain Assembly

- Curtain Details:
 - Material: 18 oz. PVC vinyl, reinforced with 4 vertical and 4 horizontal webbing layers, as well as perimeter webbing (gray, sewn with black thread).
 - Grommets: #2 grommets (28 positions around four sides of each panel).

- Hooks: Equipped with #3 S-hooks or 3/16" stainless steel snap-hook carabiners for secure attachment at the top and bottom of each panel.

Accessories

- (2) Metal handles at front of cart
- Safety reflectors located at corners