

## Avro Cart – Covered *Baggage* Cart



### DETAILED SPECIFICATION SHEET

## Specifications & Features

### Overview

- The Avro 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 subsurface.
- 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

## Notes

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## Contact Us



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