

DeepFlo® Series 45 - Multi-Track Roller Flow



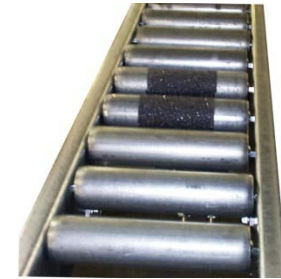
DeepFlo® Series 45 Flow Rail is a medium duty Flow Rail System for handling pallet loads up to 2500 lbs. Flow rail are pre-assembled in standard 4'-0" and 8'-0" lengths. Standard Flow rollers are 1.9" diameter x 16 gauge x 4" long.

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DeepFlo
STORAGE TECHNOLOGY

Series 45 rails are specifically designed to accommodate all types of pallets. When incorporated into a complete system, Series 45 rails are capable of storing over (25) GMA pallets deep per lane in a FIFO configuration. If weights fall between two ranges, other pallet and load conditions will be reviewed to assist in selecting the proper rail configuration. Different pallet weights, within a given range, can be stored in the same lane. Series 45 Flow Rails are available in various lengths with rollers amount as required. Standard channels are 3" high x 1" flange x 12 gauge galvanized steel. Mounting holes are provided on the bottom flange to permit easy installation.



Options include:

- ✓ Zinc plating and polypropylene seal for wash down applications
- ✓ Roller length variance to match specific requirements
- ✓ A flanged bearing to provide load guidance.
- ✓ Load bearing capacity is conservatively rated at 250 lbs. static. Inner and outer bearing races are hardened and pre-lubricated for operation in temperatures ranging from 150°F to -30°F.



Sealed Bearing



Un-Sealed Bearing

DESIGN CRITERIA

The number of flow rails required under each pallet depends on:

1. Pallet weight
2. Bottom boards surface
3. Type of bottom boards (hard surface or soft wood)
4. Bottom board thickness

When typical GMA pallets are used, standard rail configurations can be used:

- 200lbs - 2,000lbs / pallet – (2) rails
- 2,000lbs - 2,800lbs / pallet – (3) rails
- 2,800lbs - 3,500lbs / pallet (4) rails



Dynamic Storage Systems Inc.

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