



APPLICATION STORIES

The Application:

Hevi-Rail™ Reduces Assembly Time

This box dumper manufacturer needed a linear motion solution that would help reduce replacement part costs and field repair time. In addition, they wanted to reduce the assembly time it takes to get their product to the marketplace.

“During the fabrication process, assembly workers spend too much time shimming, spacing, and adjusting to align the systems and make the dumper run smoothly,” explains the plant manager. “In the field, it is difficult to replace the bearings because they are welded to the structure.”

The original box dumper system uses I-beam rails and crane bearings. The rails can range from 10 to 30 feet in length and cycle up to 40 times per hour.

The Solution:

The local distributor working with the Pacific Bearing territory manager recommended using a Hevi-Rail Heavy Duty Combined Bearing System with bearings and profile rails. Since the rail is an integral part of the framing structure, alignment is easier and the company has saved about \$21,000 a year in assembly time. The bearings have a welded plate for quick assembly at the factory and easy replacement in the field.



The Hevi-Rail Advantage:

- Reduced assembly time
- Faster bearing speed
- Lower replacement costs
- Even dispersion of forces in the profile rails
- Long lifetime bearings and profile rails

Call today! Talk to a real person who is eager to help you.

800-962-8979 www.pacific-bearing.com

Pacific Bearing: THE Value in Linear Motion