

The Application:

Equipment Maker Saves Costly Machining Time

This custom automation equipment manufacturer located in Iowa needed a heavy duty bearing system that could handle up to a 6,000 lb. load capacity. Besides handling heavy loads they needed a solution that could be part of the structural integrity of the welding transfer machine.



The Solution:

The local distributor working with the Pacific Bearing territory manager recommended a design for both the vertical and horizontal transfers using a Hevi-Rail™ Combined Bearing System. The customer welds the channel directly to the sub-structure and doesn't need to grind the surface flat before mounting as with other linear systems. This easy setup and assembly has saved the customer costly machining time.



The local distributor specified fixed axial bearings and standard profiled rails for this solution. The vertical lift used HVB-058 with the HVR-3 profiled rail and the horizontal transfer used HVB-063 with the HVR-6 profiled rail.

Advantages of the Combined Bearing System:

- The system can handle extremely high radial and axial loads
- Provides even dispersion of forces in the profile rails
- Economical assembly
- Long lifetime bearings and profile rails
- Bearing components are easily interchangeable

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