

2-MINUTE OVERVIEW



Spool Storage and Distribution Made Easy With Vertical Carousel

Features/Benefits Provided:

- Improves Productivity
- Meets Peak Production Requirements
- One Person to Load/Unload
- Eliminates Search and Retrieval
- Saves Time and Space
- Wind, Measure, and Cut in One Operation

This manufacturer/distributor of overhead cranes and lifts used in different applications faced challenges of consolidation, outsourcing and expanded product lines from acquisitions and increased demands for competitive brands. The demands for support consumed their 17,000 sq. ft. parts distribution center and the company either had to improve system efficiencies or face outsourcing a critical component of its business.

With the vertical carousel installation, one employee brings the spool to be unwound, counted and cut to exact specifications so orders can be quickly filled more efficiently and in a safe and reliable environment. Going vertical gave this company the improved productivity to meet its current and future demands. Operations include integrated on-line requests realizing JIT delivery to its customer base.

Before the installation of their vertical carousel, the company utilized 16 bays of racks that were 18' high. Spools of cable and wire were manually retrieved from as high as 72 feet!

Floor space consumed prior to installation of their vertical carousel was 144 sq. ft. After installation, floor space was reduced to 66 sq. ft. When you think of improving space... go vertical!

3,000 of 5,000 base customers order on-line with 3 choices of delivery methods. Out of 1,200 orders per day, over half are priority. Thanks to vertical integration, this permits the company to meet their demands.

The spools were dragged across the floor (often needing a path cleared) measured and cut. This two person operation had to be coordinated among employee availability and, at best, this operation took 5 or more minutes. After installation of the carousel, however, it took only one employee approximately 1.5 minutes to retrieve, measure, cut the amount of wire of cable needed (100 ft.) The operation runs 24 hours a day, 5 days a week. Averaging 10 wire/cable requests per 24 hour cycle, the company saved approximately 516 person hours per year.



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