



## Demag KBK Monorail System in Sand Distribution Application

### Features and Benefits

Reduced Operator Burden

Improved Productivity

System Versatility

Smooth Transport in Minimum Space

**Industry Group:** Monorail Manufacturers Association, Inc. (MMA)



### The Opportunity

A large manufacturer of faucets and valves required their casting machines to be supplied with fresh core sand with a minimum amount of human involvement. These machines were located in a fixed path with 12 defined sand delivery points.

### The Solution

Demag designed an overhead monorail system with its KBK enclosed track product which could deliver the core sand to the delivery points on each machine. The 130 foot monorail path incorporated two curves in order to service two rows of machines with the same trolley unit improving productivity and minimizing manpower requirements. The track was also supplied with an internal power supply system eliminating the need for a festooned power supply. This system was supplied with standardized KBK enclosed track components making service or even future expansion a simple task.

### Wrap Up

The customer received a highly efficient delivery system thus minimizing any operator burdens while increasing productivity. Demag provided a system that was designed with standardized components to make the most effective use of the space. With the internal power supply system, the KBK monorail

system did not require external festooning systems making a much cleaner design.



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