



Demag – Monorail System in Waste Water Treatment Plants

Features and Benefits

Efficiency.

Precise Positioning.

Safety.

Reliability.

Flexibility.

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



Waste water treatment facilities are extremely demanding on their equipment resulting in a real mess if the equipment is down for an extended period of time. The Demag KBK Internal Busbar track offered the perfect solution. The location of the loading dock made it difficult to unload the two ton pumps from the service trucks. In addition, the available space made it impossible to remove, negotiate and enter the equipment repair room with a fork truck. The Demag KBK overhead monorail extended over the service truck and in conjunction with the 2 speed Demag chain hoist made it easy to position the unit over the load and drive it to one of four repair benches. Each track switch is manually operated via a pull cord.

The KBK systems substantially reduced the valuable repair time by minimizing the time to unload, transfer, and reload the damaged components from the service trucks.

The KBKII-R5 rail negates the need for complicated external power supply systems by utilizing five internal busbars to provide power to the hoist and drive anywhere along the course of the monorail.

The enclosed busbar also minimizes the risk of

shock as the electrification is hidden within the track profile.

The ceiling mounted system cleared the floor space protecting the repair technicians from fork truck and other floor operated hazards.

Both the Chain Hoist and Crane System were designed and supplied by one manufacturer. These components work together perfectly to provide the easiest possible solution for handling and moving loads up to 4400lb.



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