



Successful Cab / Chassis Marriage

Features and Benefits

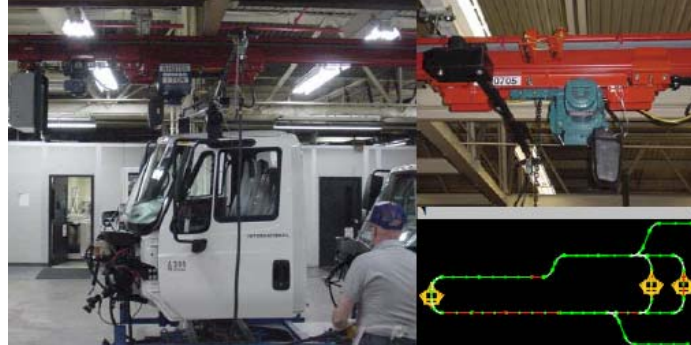
Safe handling of a heavy and bulky part

Increased Productivity

Precise fitting

Reliability

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



The reliability of the track switches and busbar system was a great improvement over the previous "I" beam system.

Overview of what was accomplished.

The operation of lifting a truck cab and "marrying" it on the chassis required a very specialized system. An Enclosed Track monorail with 5 tractor driven hoist trolley units was selected. The monorail system incorporates several track switches and branch tracks.

Some branches were used as storage and maintenance areas. Others were used to provide flexibility, allowing the proper cab to be inserted into the production sequence. The looping path of the monorail insures that a continuous material flow is maintained.

The Enclosed Track incorporates integrated Busbars. This allows the power supply to be continuous throughout the system, even through the track switches and branches. The track switching is motorized and is controlled either automatically or by the operator via a radio control transmitter. A low headroom electric chain hoist provides smooth lifting and load placement.

Wrap Up.

The flexibility and reliability of the new enclosed track system greatly increased productivity.



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