



Aerospace Company Solves Die Handling Problem

Features and Benefits

Ergonomic: ease of movement.

Stand alone: Integral support structure.

Eliminates loads on building.

Compact Design.

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



An aerospace company had been using a forklift truck to accomplish the task. Along with pinching fingers and damage to the machine, it sometimes required three persons and a few hours to maneuver into place.

Placing dies into a CNC Machine can be a very cumbersome and potentially dangerous undertaking. Tight clearances on the machines add to the problem.

An aerospace company had been using a forklift truck to accomplish the task. Along with pinching fingers and damage to the machine, it sometimes required three persons and a few hours to maneuver into place. Not to mention the possibility of a more serious accident. At first a Jib crane was suggested which would have eliminated all the above problems, however coverage was limited to the immediate area of the machine, and the Jib post would interfere with the machine.

The dealer suggested an enclosed track workstation bridge crane. Not only did it fit the bill as far as performing the task efficiently, it expanded the work area and helped to make the application less hazardous. No more forklifts banging around.

The smooth ergonomic movement of the workstation bridge crane allows the customer to pick up a die anywhere under the crane system and position it in the machine. The stand alone support structure moves the floor columns from the immediate work area to provide easy access to the equipment.

Now the aerospace company can change a die in less than an hour adding valuable time to their production schedule.



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