



Telescoping Bridge on Free Standing Work Station Crane Helps Streamline Roll Handling Operation

Industry: Semiconductor and Related Devices

Product: Free Standing Work Station Cranes with Telescoping Bridge

The Problem: process for loading 1000 lb rolls of vinyl into a process machine.

The Solution: Free Standing Work Station Crane with a Telescoping Bridge that cantilevers out.



A company that manufactures Solar Panels in Mississauga, Ontario wanted to improve the way their workers loaded 1000 lb rolls of vinyl into a process machine. Their production demands had increased to the point that they needed a second processing center.

A standard Bridge Crane layout would not work as a lifting solution because of this obstruction. Consideration was given to using two jib cranes but that idea was disqualified because it would have meant a two-step lifting operation to handle the rolls.

The Solution: Free Standing Work Station Crane with a Telescoping Bridge that cantilevers out approximately 1/3 of the bridge length beyond the runway span. The telescoping bridge's travel allows for reaching around the duct obstruction and achieves a single pick and place lifting operation, streamlining the operation and covering considerably more floor space with only one lifting device.



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