

Ingersoll Rand Case Study Overview

“T” – Shaped Bridge Crane



A motor vehicle manufacturer needed to cover a small area inside an existing cell with overhead rail. Ceiling obstructions on one end limited the amount of travel a traditional bridge & runway system would provide, but a broader reach than a single monorail provides was also required.



The manufacturer considered the use of a freestanding jib, but floor space constraints and concerns over the maximum boom length led them to Ingersoll Rand.

“This was the perfect solution to our floor space problem. Ingersoll Rand’s unique design saved us money”



The Solution? Ingersoll Rand designed this custom “T”-Shaped bridge that addressed all of their concerns.....it provided lateral movement along the rail and gave them 10 feet of added reach on the “Arc” end of the “T”, with the “Pivot” end acting as a fixed point of rotation.

Proud Member of:



The system eliminated the need for a costly floor support structure, prevented the manufacturer from having to relocate several obstructions, and ended up costing less than a floor supported jib.



Ingersoll Rand Company
1872 Enterprise Drive
Rochester Hills, MI 48309
Phone: 800-998-0872

Website: www.irco.com/lifting