

CRANE TEC, INC.

***Continuing to Meet the
Unique Needs of Our Clients***

The Challenge:

To provide a building supported crane system with a 15 ton capacity top crane and 5 ton capacity lower crane. The crane system will be supported from the metal building columns.

Special Considerations:

The general contractor needed design build capabilities for the crane and runway system. Building columns were designed to support both 15 ton upper crane and 5 ton lower crane. Owner application requires clear floor area. (no track on floor) and smooth crane control.

Our TEAM Approach:

Our engineers, armed with the metal building details, determined runway steel and hanger design. Engineered drawings with loads were submitted to the general contractor for approval. Metal building engineers design column stiffeners and approved the hanger connection.



The wall traveling 5 ton crane maximized the use of floor space under the crane by keeping the crane rail off the floor.

Result:

The general contractor maximized the strength of the building, Crane-Tec supplied a turn key crane system and the owner maximized floor space. The cranes were ready ahead of schedule allowing the owner to set up manufacturing machinery with the use of the overhead crane.

CRANE TEC

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