

Application notes: Wyoming Machine



Summary

What: Plasma cutter feeder crane

Features: Uses radio control for vacuum lifter, crane and in future can reset light curtain to start plasma cutter.

Benefits: Radio control allows operator to move material to machine safer and faster, which allows time to work other equipment.

When Wyoming machine was looking to provide efficient delivery of materials to its new plasma cutter, it looked to Midwest Overhead Crane for solutions. The crane consists of a three motion under running 1/2 ton crane featuring a two-speed hoist by Ingersol Rand, and a two-speed trolley and bridge. Control is handled through a Remtron T-20 transmitter and a R-14 receiver. Crane structure has a cantilever over the

loading table. This structure design eliminates support columns that could interfere with machine operation.

The radio controlled crane allows them to efficiently move material into the plasma cutter without damaging the feeder and making it easier and safer for the operator. The radio operates both the vacuum lifter and three motion crane.

Special features:

Structure – Cantilever design does not interfere with operator or plasma cutter.

Hoist – Ingersol Rand Quantum Electric Chain hoist with lifetime brake disks, zinc plated chain, five pocket chain wheel, H4 motor with class “F” insulation.

Radio – Remtron T20 with latching circuit to operate vacuum lifter operating on 900mhz, using “AA” batteries, and comes with unconditional 2 year warranty.

Reliable Cranes, Responsive Service – That’s Midwest Overhead Crane!



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Call us with your application needs!