

Demag Electric Rope Hoist Ink Manufacturing Plant



Features/Benefits Provided:

- **Safe Handling of Liquids.**
- **Very Low Headroom attainable**
- **Reliable in tough ambient conditions.**
- **Sliding control station allows the operator to always remain at a safe**

The Opportunity

Ink manufacturer Hostmann-Steinberg uses three standard hoists on Demag cranes to transport large bags weighing up to 6000 lb filled with raw materials. This is achieved despite the low ceiling height of the facility.

The Solution

Demag 3 Ton DRPRO Hoist on a Demag Crane. The hoist is equipped with 2 speed lift, low headroom under running style trolley with a top running single girder beam crane configuration. The hoist requirement was 2 speed lift, but the other travel motions are equipped with variable speed for ease when transporting liquids.

- The crane included the standard travel VFC features, allowing trolley and bridge infinitely variable speed motions that gave the operator the precision required.
- Lift requirement was close headroom as seen in the above photo.
- The trolley and bridge are able to change speed as required by the operator. The travel on the bridge and trolley are infinitely adjustable by the operator. This allows motions to be fine tuned to correspond with each individual requirement. The speeds and accelerations on the bridge are adjusted by the operator by changing the pressure exerted on the button of the control station. Allowing the operator to make adjustments depending on the ink quantity being transported each time.
- Hook travel limit is standard, but optional trolley travel limit switches were supplied to stop the hoist and crane precisely as required by the customer for the application.

Wrap Up

The operators have been very pleased with the ease of use of the crane and the hoist.

Safety has been improved.

Continuous reliable operation has been yet another benefit.

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