

Rohr - Idreco Delivers New Mobile Dredge & Booster Station for North American Sand & Gravel Operation

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A North American sand and gravel company was recently in the market for a new and efficient electric dredge to replace their existing diesel drag line to increase production and lower their overall operating cost. As Rohr-Idreco manufactures state-of-the-art dredges with the latest technology, the customer decided to move forward with an RI 300 (12") electric jet suction dredge, which has a digging depth of 60 ft. (18 m) and production capacity in excess of 400 tph. The dredge is equipped with a state-of-the-art GPS and sonar system that allows the operator to have virtually real time information on where material has been dredged and where virgin material still lies through an intricate mapping system.



The Rohr-Idreco RISD300-M (12") electric dredge for sand & gravel application

The dredge is equipped with an RISD 300 (12") Rohr-Idreco dredge pump, as well as one RIBS 300 (12") Rohr-Idreco booster pump station, which is one of the most efficient and modern dredge pumps currently available in the market. It reduces wear and increases production with less energy consumption. The Rohr-Idreco team worked closely with the customer to make sure that the dredge and booster pump would meet the pumping distance and production requirements of the project.

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With the addition of the RI booster pump, the dredging system now exceeds plant capacity of 400tph

The customer is pleased with the performance of the jet suction dredge and its ability to handle the challenging deposit. They chose the Rohr-Idreco brand because of its high efficiency and low energy consumption pump and advanced automated systems as well as quick delivery time.



View from inside the operator's cabin

Rohr-Idreco is a leader in the dredging world for designing and building custom deep digging electric or diesel modular automated dredges in excess of 150 ft. (45m), with high efficiency and low energy requirements.