

## 13 Cubic Yard Clamshell Dredge System

“Reach your gravel pit’s full potential by purchasing a Rohr dredge. It’ll be the best real estate investment you ever made.” — Proactive Sand & Gravel Producer

Rohr 13 cu. yd.  
340 ton  
Gantry Style  
Clamshell Dredge



## Your Land Runs Deep. Take Advantage With Rohr.

Veteran sand and gravel producers who have seen their reserves run dry due to dredge limitations have awakened to the proven solution: a Rohr dredge. Rohr makes dredges that can mine material deposits far deeper than conventional equipment, helping to solve the problem of eminent dwindling resources.

Could you be sitting on deeper pockets?

Case in point: one Midwest gravel producer knew his operation was nearly spent. The deposits were there down deep, but the “horsepower” to get them was not. He evaluated purchasing more

land or buying Rohr’s deep-water, clamshell dredge. Instead of going through the hassle and expense of relocating costly dredging and screening equipment to a new parcel, the owner unearthed more profit from his current setup thanks to Rohr. His new Rohr dredge digs deeper and easily mines buried material deposits. Those new payloads, nearly left behind by his old system, have yielded more income and extracted new value from his land.

Could a deep-water dredge from Rohr forever change the way you look at mining real estate?



# Specifications

<b>Bucket Capacity</b>	13 cubic yard, four-cylinder electro-hydraulic
<b>Rated Output</b>	750 TPH at 100 feet
<b>Dredging Depth</b>	200 feet
<b>Primary Screen</b>	8' x 20' double-deck, high-frequency
<b>Motor Control Center</b>	Rockwell/Allen-Bradley Centerline (Intellcenter)
<b>Operator Interface</b>	Industrial flat-screen, color monitor with touch-pad control



## Fine Sand Recovery

- 4' x 10' single-deck reverse-oscillating dewatering screen
- 20" rubber-lined Hydrocyclone
- 6" vertical pump

# Features



- Continuous position system for trolley assembly



- Fully automatic controls. Rohr Model RS 10.0/340B deep-water, clamshell dredge



- Hydraulically actuated dump grizzly for oversized material and clay removal

- Programmable (manual/automatic) hopper gate for feed of material to dewatering screen
- Continuous level sensors for hopper full
- Operator adjustable conveyor, zero-speed sensors from IPC
- Operating status of all motor systems displayed on IPC
- Archive error/fault recording system



- Complete I/O, MCC and conveyor system network

**Other Dredges Available** | Capacities from 250 to 2500 tons per hour

- **Luffing Jib** for smaller applications
- **Catamaran** for clay- and barge-loading applications
- **Twin Systems** for high-capacity applications
- **Bucketladder** for mid-depth applications (0-60 feet)

## Options Available

- Bucket monitoring and diagnostics
- GPS/SONAR
- On board crushing
- Rake Grizzly (one way)
- Rake Grizzly (bi-directional)



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