

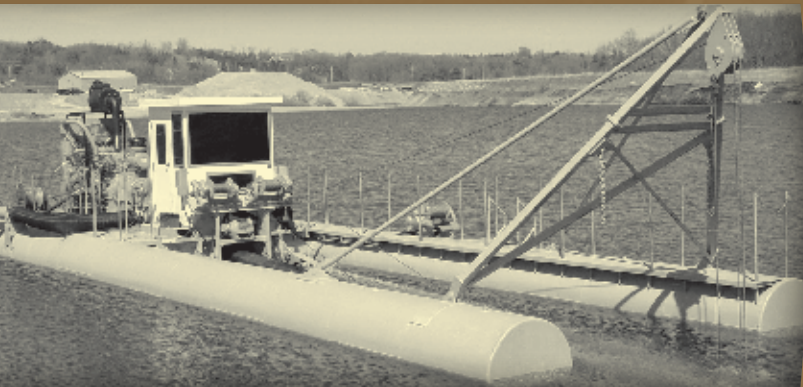
THE INNOVATIVE LEADER IN SAND & GRAVEL DREDGES FOR OVER 30 YEARS

TWINKLE CO

Rugged simplicity by design



E-SERIES DREDGES



H-SERIES DREDGES



L-SERIES DREDGES

We make deep-mining machines that float.

For over 30 years Twinkle Co has delivered dredges and dredging equipment to accomplish productive and efficient dredge operation by moving a high-density mixture through the discharge pipe at the target velocity without interruption. This single focus and a rich history of providing unique products and solutions has established us as the innovative leader in the industry.

If you need a sand and gravel dredge, we have it. Our dredges, with diesel or electric power, with hullpump or ladderpump, reflect our design philosophy of rugged simplicity. Twinkle Co dredges are built for one purpose—efficient sand and gravel production.

We continually develop new products and blend new technology into our existing products. Please contact us today to find out how we can help you with your mining and dredging projects.

E-SERIES DREDGES

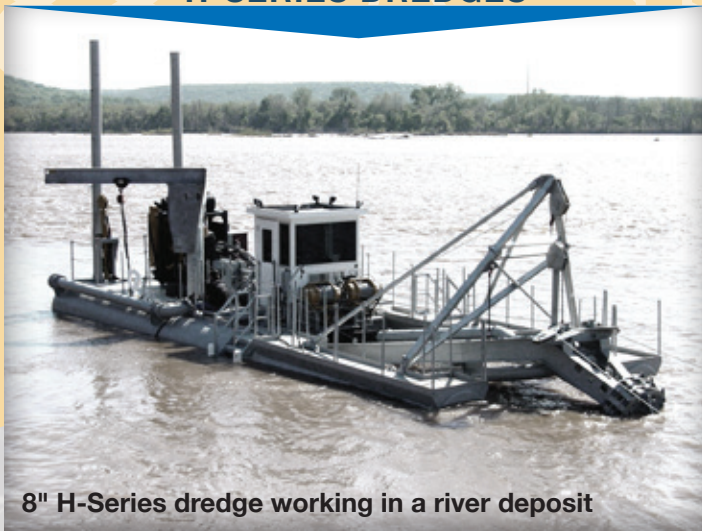


10" E-Series dredge in Africa

- The ideal choice for dredge customers around the globe
- Designed to be transported via shipping container without compromising durability and usability
- Maintenance friendly, efficient, productive and easy to transport



H-SERIES DREDGES



L-SERIES DREDGES



- Designed to produce sand and gravel efficiently from shallow to medium depths
 - OpenDeck design allows for easy maintenance and eliminates the open hull
 - Instruments and controls maximize the capability of the dredge pump that allows our hullpump dredges to out-produce other hullpump dredges
 - Available with either a rotary or linear cutter, diesel or electric power
- Designed to produce sand and gravel efficiently from medium to deep depths
 - Sidewinder diesel power or direct-connected electric power
 - Instruments and controls optimized to deliver a continuous supply of high-density solids to the process plant
 - Available with either a rotary or linear cutter, diesel or electric power

If you have a dredge, we have something you need.



CUTTERS

- Openings sized and arranged with T-bars to keep pump-plugging oversize on the outside of the basket
- Easily replaceable teeth
- Warthog, Wadcutter and Claymator configurations available
- Linear cutters designed specifically to mine sand and gravel
- Rotary cutter shaft runs in a water-flushed bearing housing that eliminates the need for the complex oil seals and roller bearings



AUTOMATION AND CONTROL SYSTEMS

- Twinkle Co's CONVAC modulating suction-side production system is often imitated, but nothing else even comes close
- LCAP system: automation package for linear cutters
- BIPCON system: automatic booster pump inlet pressure control
- VEECON system: automatic pipeline velocity control



INSTRUMENTS

- Designed to increase the efficiency of the dredging system and reduce the workload of the operator
- Accurate, reliable, repairable and affordable
- Can be installed on a broad range of our own and other dredges



COMPONENTS

- A broad range of constantly evolving components available as individual units
- Durable and easy to repair
- Custom design is available; we welcome the opportunity to develop products that will solve your challenges

We are often asked why we are called Twinkle Co. In 1983, the founder of Twinkle Co was looking for a name with three qualities: a positive connotation, easy to remember, non-specific as to service or product. The result was Twinkle Co and the name has served us well.