

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

## Velocity Meter Package

Successful dredging is moving a high density mixture through the discharge pipeline at the **target velocity** without interruption. Without a velocity meter the dredge operator cannot know the flow rate in the system or determine what the target velocity should be. A velocity meter is a necessity on a successful dredge. There are many methods to determine system velocity, but the Twinkle Co Velocity Meter Package is the proven winner for sand & gravel dredge operators.

We have been selling velocity meters and coaching operators on how to use them for over 20 years. With over 400 successful installations, you will not be alone when you choose the Twinkle Co Velocity Meter Package.

## Rotary Cutter Baskets



Twinkle Co rotary cutter baskets are designed and built for the unique requirements of sand & gravel production. Openings are sized and arranged with T-bars to keep pump-plugging oversize on the outside of the basket. Easily replaceable teeth and hard surfacing reduce wear on the frame of the basket. Baskets are available in two configurations. The WARTHOG screening basket is bi-directional and works well in free caving deposits with minimal clay. The WADCUTTER slicing basket is uni-directional and is resistant to plugging when working in deposits with clay seams.

## Dredge Instruments & Controls

<b>LADDERVAC</b>	Electronic inlet pressure system for ladderpump dredges. The industry standard since 1985.
<b>HOWDEEP</b>	Electronic Depth Gauge. No moving parts, simple installation.
<b>VEECON</b>	Automatic velocity control. Reduce energy costs and prevent process plant washout.
<b>BIPCON</b>	Automatic booster pump inlet control. Reduce energy and labor costs.
<b>FUELRULE</b>	Electronic fuel gauge system. Remote display of fuel tank level. Accurate and clean.
<b>E-GAUGE</b>	Electronic gauge system. Can be used to monitor and display any pressure on the dredge.
<b>LCAP</b>	Linear Cutter Automation. Automates the digging process. Relentlessly pursues production.
<b>GRAVELGUARD</b>	Standpipe assemblies for discharge and vacuum. Dampens spikes and resists plugging.
<b>HOWMUCH</b>	Process plant to dredge telemetry. Provides the dredge operator with valuable feedback.

## Dredge Components

<b>MOAB</b> blocks	Severe duty cable blocks for dredge positioning.
<b>BRUTE</b> blocks	Rugged duty cable blocks for dredge ladder hoisting.
Winches	Hydraulic winches, planetary or worm gear drive.
Pump drives	Belt or gearbox drive component packages for dredge pumps.
<b>Pinch to Prime</b>	Dredge pump priming system.
<b>SUCKERUPPER</b>	Pump well cleanout system for hullpump dredges. The only moving part is water.
Hydraulic components	Electro-proportional hydraulic valves and controls for winches and cutters.
Water pumps	Service water and suction jet supply pumps.
Pipeline components	HDPE pipe, dredge sleeves, chain clamps and other items for dredge pipelines.

## About Twinkle Co

We are often asked why a company in our business is called Twinkle Co. The answer is that in 1983, the visionary 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.

If you have a dredge, are looking for a dredge, or just thinking about using a dredge, contact our sales department. We welcome the opportunity to discuss your needs and develop a solution tailored to meet your production requirements.