

Innovative solutions for sand & gravel production problems.

CONVAC Modulating Bypass Valve System



Plugged pipeline?

Uneven production?

Operator stress?

The answer to the questions is a CONVAC system. CONVAC is a suction side production system for hydraulic dredges. Unlike competitive products, CONVAC is much more than an emergency system to admit water into the suction in response to a setpoint. CONVAC "modulates" in response to changes in the suction. Modulating means that the system makes small corrections and admits bypass water only as needed to maintain production at the desired rate.

Introduced in 1993, CONVAC revolutionized suction side controls for dredges and continues to be the industry standard. Nothing else even comes close. CONVAC pays for itself by increasing production and preventing pipeline plugging.

Linear Cutter Ladders



Twinkle Co Linear Cutters are the first choice for serious sand & gravel production. Designed specifically to mine sand & gravel, Linear Cutters work well in all types of deposits and are outstanding in coarse material deposits.

Linear Cutters have all of the features required to mine sand & gravel, including; automation, suction inlet screening, concentrated digging force, variable speed, oversize material handling, ease of dredge positioning and self cleaning.

Rotary Cutter Units



Twinkle Co rotary cutter units are an excellent tool for sand & gravel dredging in fine material deposits. Available in suction sizes from 8" to 20" and drive torque ratings from 6,250 lb-ft to 50,000 lb-ft. Our rotary cutters feature sealed planetary drives and oversize cutter shafts with tapered hub basket mounting. The cutter shaft runs in a water flushed bearing housing that eliminates the need for the complex oil seals and roller bearings found on competitive units. Available with WARTHOG sand & gravel screening baskets or WADCUTTER slicing baskets.



CLASSIC
Regular duty
—
MAGNUM
Severe duty
—
MUZZLELOADER
Light duty

