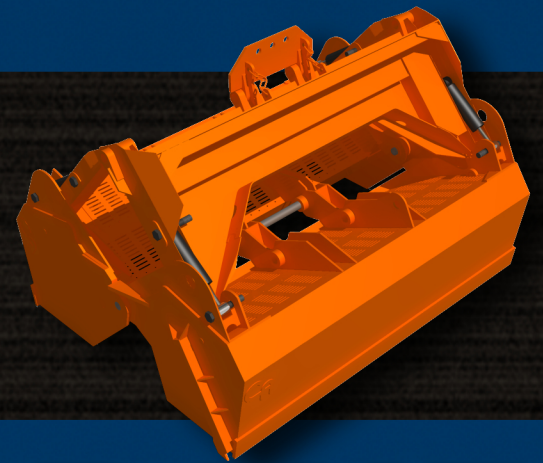


THE GAME CHANGER...
THE NEW HYDRAULIC BUCKET
INTRODUCES SWING ARMS
WITH CLOSING PUSH CYLINDERS.

MANUFACTURED FOR CRANE AND
EXCAVATOR USE, IT PROVIDES
LOWER WATER CONTENT AND A
HIGHER BLOW COUNT REMOVAL.



EXCAVATOR

ENVIRONMENTAL

CRANE THE HYBRID

AVAILABLE IN:
 5yards³ to 50yards³
 8.5'x12' to 22'x28'

CUSTOM DESIGNED
 TO MEET JOB
 REQUIREMENTS

The excavator clamshell provides ease of operation opposed to crane use. The biggest advantages to using an excavator clamshell is the ability to apply downward pressure and cutting slope, it's quick cycle time, and accurate bucket placement.

The excavator is best used for shallow water environmental remediation. If site condition changes, the excavator can be reconfigured with the proper dredging attachment.

The excavator and hybrid clamshells manufactured by Cable Arm, Inc provide the same unique environmental features as their cable operated predecessor. These features minimize resuspension, reduce time, and cut costs.

- * ENCLOSED WITH VENTING SYSTEM
- * OVERLAPPING SIDE PLATES
- * OVER-SQUARE FOOTPRINT
- * LOW WATER CONTENT
- * 150° CUTTING EDGE
- * LEVEL-CUT

The hybrid can be used at deeper depths than traditional excavators. Excavators are typically limited to depths of 40 feet. Excavators are also limited to smaller buckets due to boom and stick weights. The hybrid can dig to depths of approximately 500 feet.

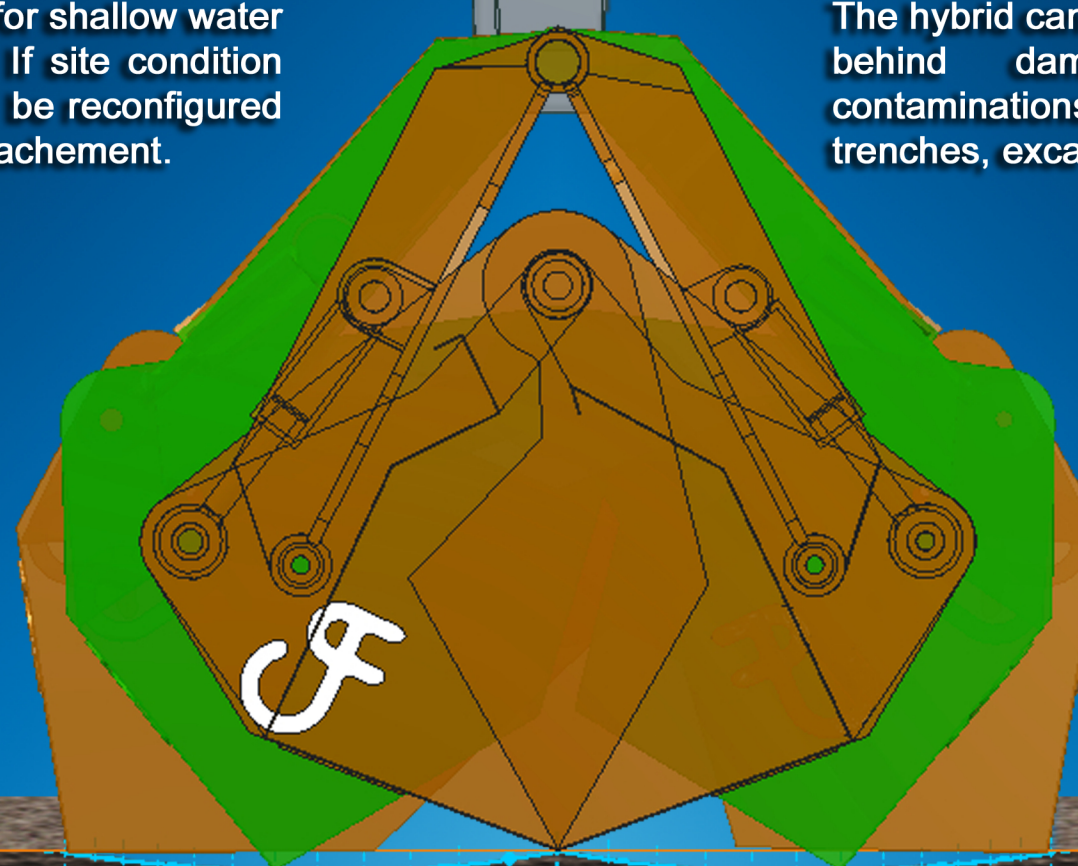
The hybrid can be used to clear sediment from behind dams, remove deep water contaminations, clean debris from pipeline trenches, excavate minerals, and more.

The hybrid works by introducing accumulators into the hydraulic system. The accumulators act as a power storage to supply enough energy to meet peak open/close requirements. Traditional systems cannot supply enough energy during these intermittent periods to have the ability to fully operate at a reasonable timely and cost-effective manner.

The hybrid bucket is capable of operating without a closing mechanical cable by using currently available or future taglines or other power transfer systems.

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 8.5'x12' to 22'x28'

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CONTAMINATED SOFT MATERIAL

UNCONTAMINATED MUDDY MATERIAL

UNCONTAMINATED HARD MATERIAL

Level-Cut to +/- 1"
 (based on 8' opening)

Patent & Patent Pending



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