

ENVIRONMENTAL CLAMSHELL DREDGING

ACHIEVING CUSTOMER SATISFACTION BY REDUCING PROJECT OWNER COSTS AND INCREASING DREDGER PROFIT THROUGH INCREASED SEDIMENT REMOVAL EFFICIENCY.

RESUSPENSION ⇒ RELEASE ⇒ RESIDUAL = RISK

Sloping Profile

Allows for angled, lateral movement along an inclined bottom. Previously, over dredging in "steps" were required. These steps are then often filled in with capping material.

Lightweight

Eliminates the processing of hard, uncontaminated sediment.

Over-Square Footprint

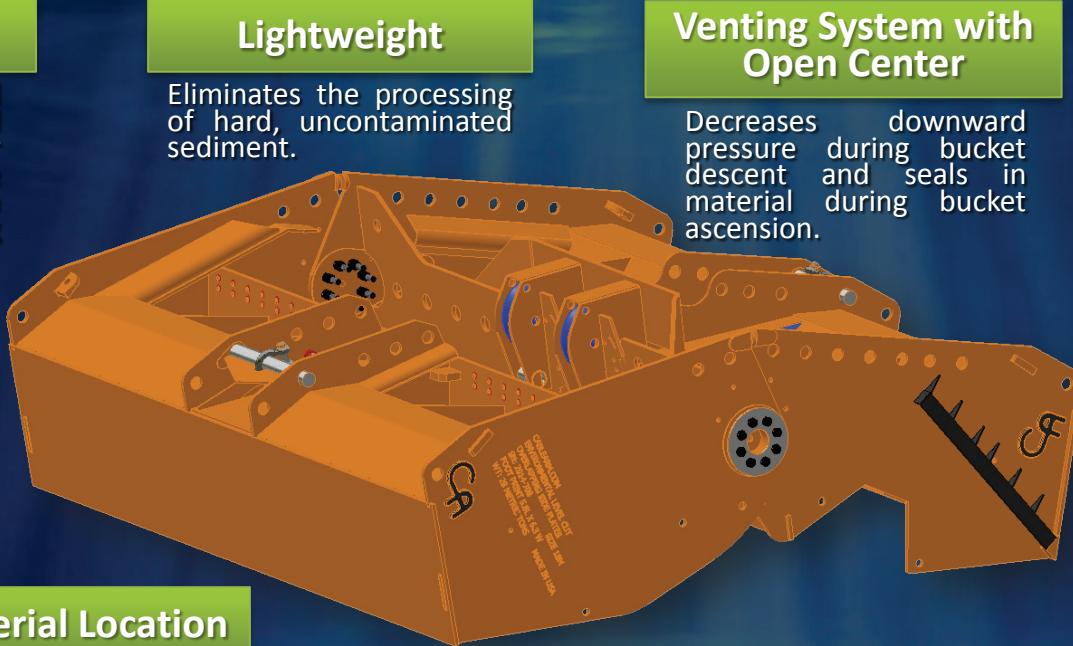
Width greater than opened length minimizes outward flow of material during bucket closure.

(up to 100 m²)



150° Cutting Edge

Allows the bucket to "scoop" material which lowers the materials center of mass within the containment area.



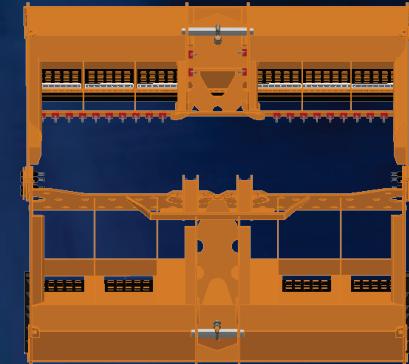
Material Location

Center of Mass of material is located below the center of the bucket's containment area minimizing material washout during bucket closing and ascension.



Level-Cut

Produces a near flat surface opposed to the pothole effect which can create a pool of contamination.



Overlapping Side Plates

Minimize outward flow (windrowing) of material during bucket closure and seals in material during bucket ascension.

Low Water Content

Squeezes and drains water to minimize transportation/disposal costs.

CLAMVISION®
PRECISE XYZ DREDGE
POSITIONING SOFTWARE

Cable Arm
info@cablearm.com

CAP
CABLE ARM POSITIONING