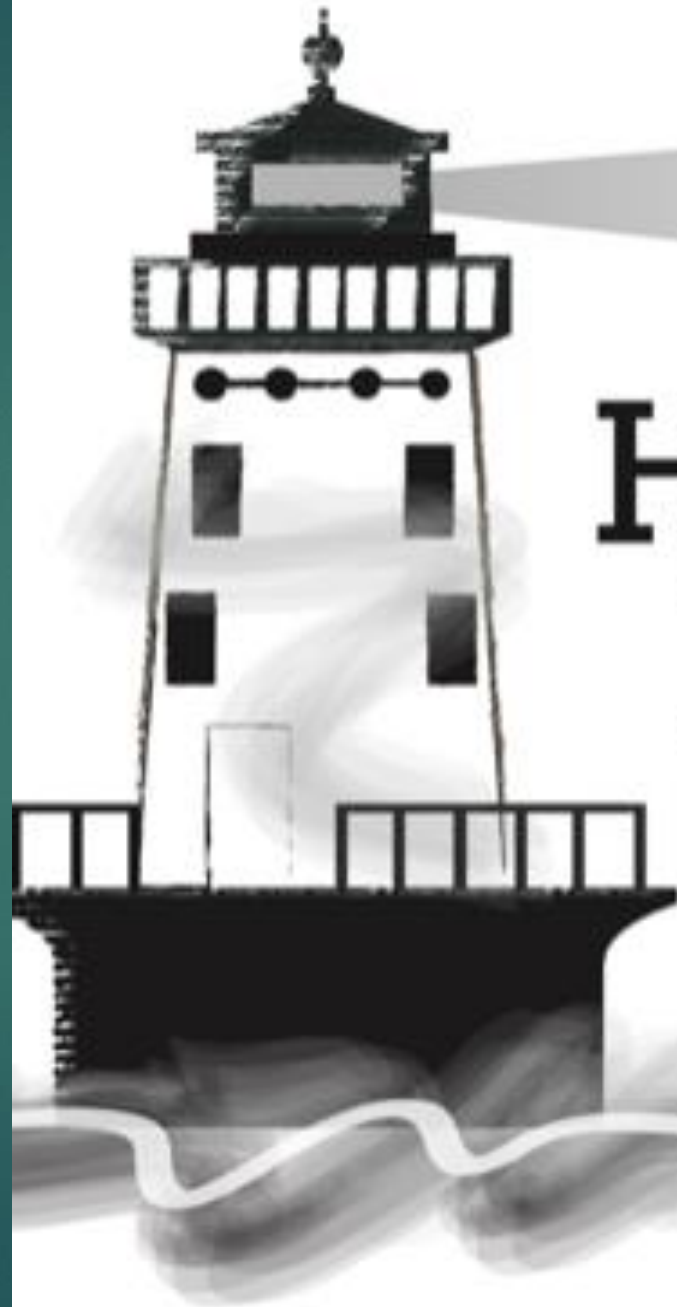


# Oyster Grow-Out Gear & Processing Equipment



Hoopers  
Island  
OYSTER CO.

Oyster farming  
the watermen's way

# Oyster Farm Consultation

## Hoopers Island Provides

- Online farm layout using GPS coordinates of your lease
- Hands-on farm set up
- Gear systems tailored to local site conditions
- Seed and stocking density recommendations
- Branding versus wholesale
- Marketing plan assistance
- Seed to shuck farm projections and forecasting models
- Training in Oyster Tracker Software
- Shell tag solutions
- Daily and weekly rates determined by need







Grow Out Gear



# Bottom Cages



## Prices

1 Inch cage 3' x 4': \$137

¾ Inch cage 3' x 4': \$145

## Features & Benefits

- Staple-reinforced mesh point corners and attached stands
- End caps that elongate and strengthen stands
- 25% more reinforcement staples and clips compared to our competitors

## Dimensions

- 3' x 4' cages with 1 or ¾ inch mesh
- Height: 15.5"
- Bridles included

\*Custom sizes available



# HI Flow Cages

- Hoopers signature surface system designed for high-energy water environments
- Portable, lighter-weight floating cage provides great flexibility and stability for surface grow out
- Constructed of PVC-coated 8-gauge wire
- Holds six mesh bags
- Attached to two, 80-liter GoDeep floats
- Bungee closures allow easy access to manage oysters during grow-out
- Mesh bags are available in 4mm, 9mm, or 14mm.
- Dimensions: 20"h x 68"w x 36"l

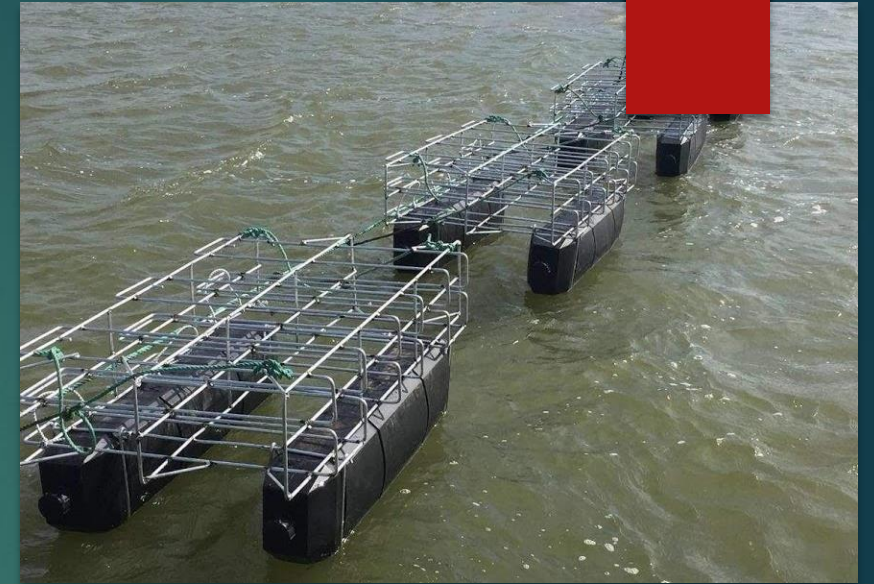


**\$249 with bags | \$200 without bags**



# Aluminum Cages

- Float riser keeps gear from being pushed by wave energy increasing stability and security
- Lighter weight allows for easier transport and farm management
- Side support panel provides extra reinforcement to prevent wave torque
- Open weave construction enhances water flow around oysters and reduces areas for biofouling
- Available with or without dividers
- Dimensions: 26"h x 63"w x 35"l



## Design & Cost\*

**1/2 Inch with Divider \$260**

**1/2 Inch without Divider \$240**

**\*Bags not included**



# Floating Mesh Bags

- Encourage proper water flow
- Easy to clean and maintain
- Environmentally friendly
- Easily conform to growing specifications
- Zip tie end closure for easy on water repairs
- Bungee access with grips
- Attached with 2 GD 4 floats & longline clips
- 100% virgin UV resistant material
- Mesh Size: 4mm, 9mm and 14mm available
- Dimensions: 3.75"h x 19"w x 33"l assembled

## Unit Cost, Assembly & Components

**\$6.50 Flat**

**\$10.50 Assembled**

**\$28.50 Assembled w/Floats & Clips as shown**



# Hexcyl Pod

Designed for smaller farms and easy boat access, Hoopers developed the Hexcyl Pod to give growers a competitive advantage. Featuring 3 Hexcyl baskets connected with two GoDeep GD-11 floats, the Pod converts traditional long-line gear into flexible surface gear. A quarter the size of the HI-Flow system, the Pod is easy to deploy, stock and manage in open waters.

## Features & Benefits

- Two doors for easy access to load/unload. Easy to stock and record growth by the 1.5 Liter mark
- 3 Hexcyl Baskets in 3mm, 5mm, 10mm, 15mm, or 20mm mesh plus 2 GD-11 Floats with caps making them easy to sink during storms
- Fully assembled size is: 11h x 29 l x 33 w

### Prices Fully Assembled

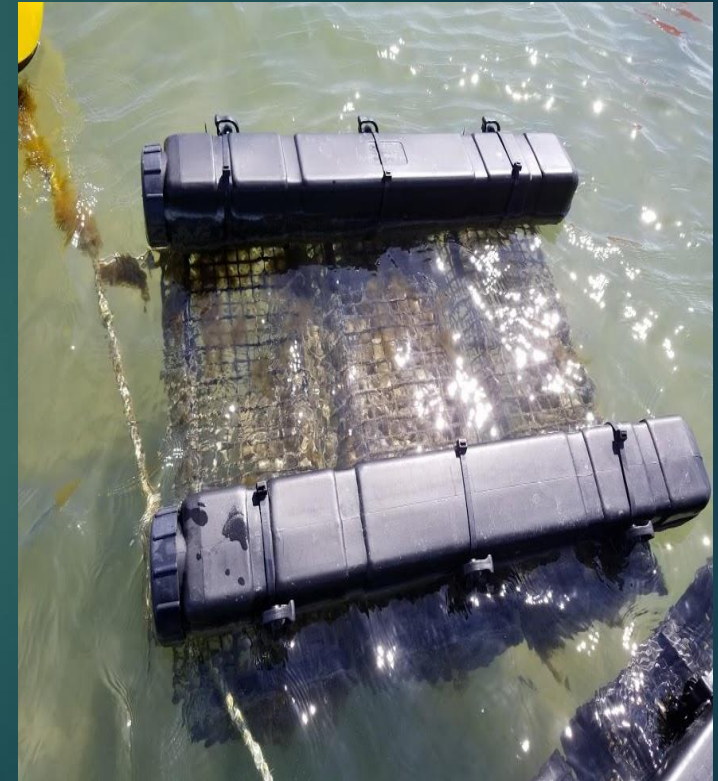
20mm: \$96

5mm: \$105

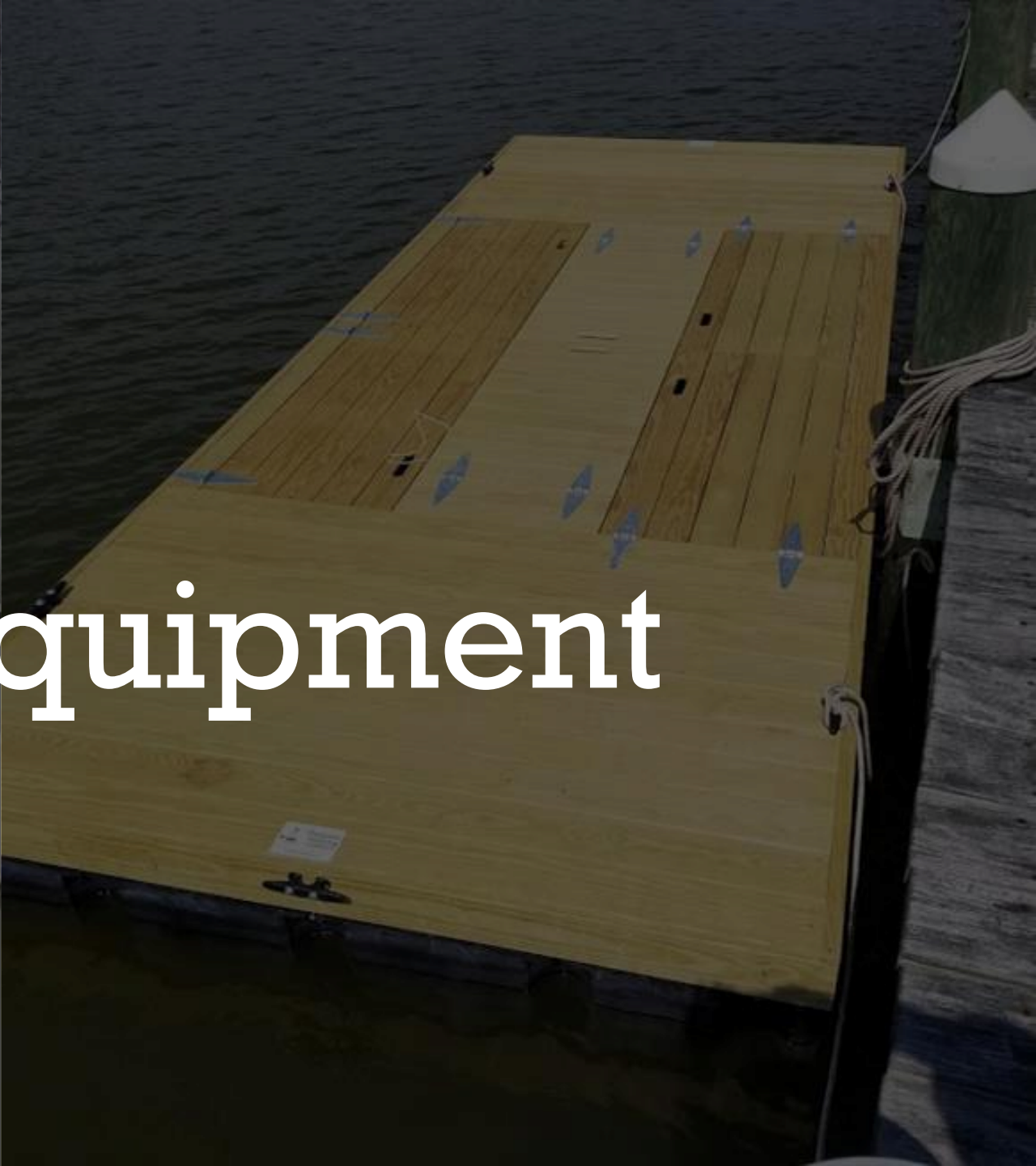
15mm: \$99

3mm: \$117

10mm: \$102







# Nursery Equipment



# Nursery Tank Upweller/Downweller

## Features & Benefits

- Sloped bottom and 4" drain for quick and easy cleaning
- High efficiency and low maintenance tank can be used as a static or flow-through system
- Newly designed with fiberglass silos
- **Dimensions**
  - 10'6" x 5'2" Tank
  - 10'6" x 10" Trough
  - 12 17"×17" silos equipped with nylon mesh and protective bottom guard
  - Your choice of micron: 125 to 2000 available

**\$7,345 Complete Unit**  
**\$ 245 Additional Silos**





# Floating Upweller System (FLUPSY)



**Complete Unit – \$9,950**

Unique design incorporates a basket/silo unit to allow easy access to seed and extend the oysters further into the water column, creating more water pressure and higher flow. Water from individual silos is discharged into a centrally located trough with a well and mounted pump to eliminate cavitation.

## Components & Dimensions

- ¾ HP Ice Eater Pump
- 8, 6-Liter Silo/Basket Combinations
- One trough
- Two 4' x 8' x 1' dock floats
- 8' x 20' Deck



# FLUPSY STOCKING DENSITY

## Stocking Density\*

4mm = 60,000 per silo

6mm = 30,000 per silo

8mm = 18,000 per silo

12mm = 3,600 per silo



[Click Image for YouTube video](#)

# Hand Seed Sorter Set

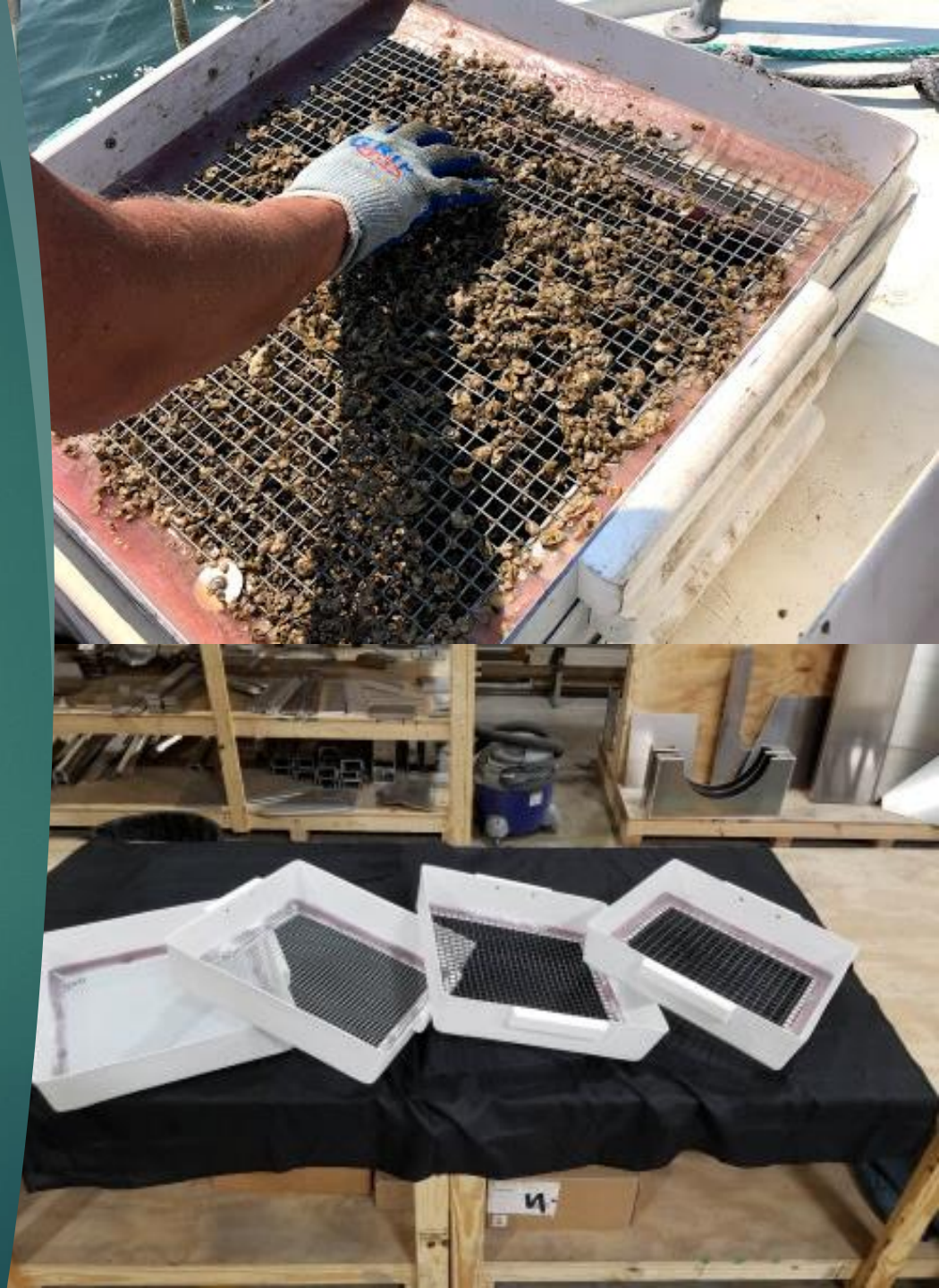
## Features

- Lightweight fiberglass frame
- Four gradient sieves
  - 500 micron
  - 10 mm
  - ½ inch
  - 1 inch

## Benefits

- Durable fiberglass construction
- Easy to transport via boat to oyster farm
- Cost effective seed sorter for smaller farms

**\$480 - Set of Four Framed Screens**  
**\$ 70 - Single Frame & Handle (no screen)**





# Seed Shaker Sorter



## Features & Benefits

- Easy to clean
- Sorts oysters into liked sized seed
- Fast and efficient
- Double deck screener
- Removable and changeable screens

## Technical Specifications

- 24" Diameter screens
- Includes six screens: 12mm, 10mm, 8mm, 6mm, 4mm and 3mm
- .36 HP direct drive vibratory motor, 110 volt
- Weight ~440 lbs



**\$14,000 - 3 Grade with 6 Screens**

**\$14,900 - 4 Grade with 6 Screens**

A photograph of three men standing in a factory or industrial setting. They are positioned in front of large, complex machinery, likely part of a production line. The man on the left is wearing a dark polo shirt and jeans. The man in the center is wearing a dark jacket and khaki pants. The man on the right is wearing a dark jacket and khaki pants. The machinery is made of metal and has various components, including pipes and electrical wiring. The background shows a warehouse-like environment with high ceilings and industrial equipment.

# High Production Equipment



# Oyster Tumbler/Sorter/Washer

## Customized Features

- Adjustable legs
- Quick change tubes require no tools
- Safety kill switchers
- Adjustable speed settings
- Unit can be set for right or left-handed use
- Sliding chute doors allow for tote changes while processing
- Safety flaps to ensure all oysters fall into totes
- Spray bar with adjustable, easily removable nozzles
- Multiple tube hole sizes available

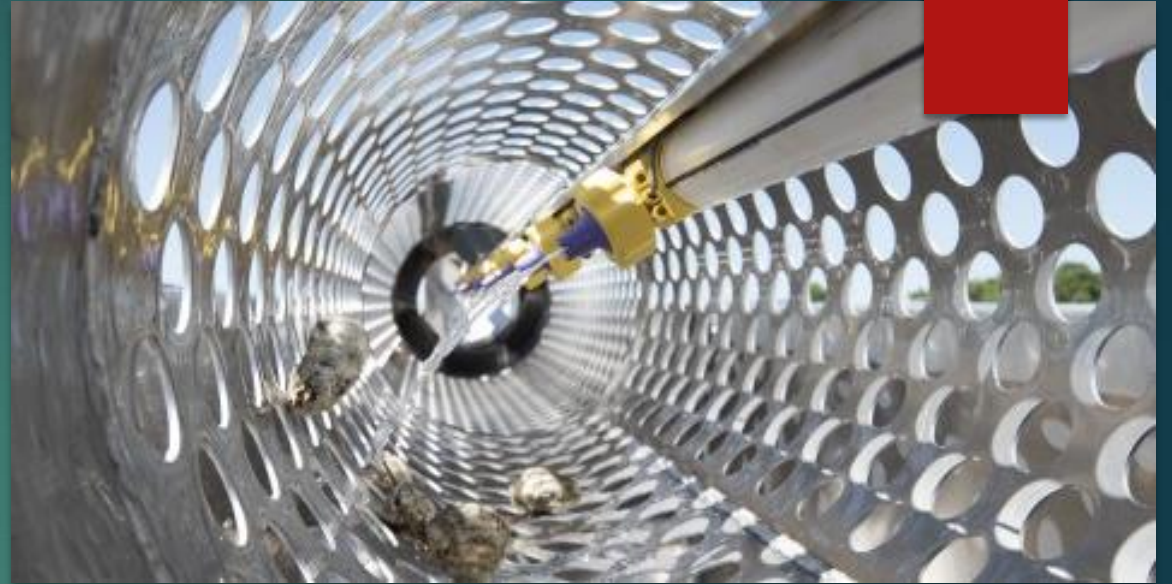




# Tumbler/Sorter/Washer

## Tube features

- Blades designed to pull oysters from opening
- Rim prevents back flow of oysters once they enter
- Self-aligning belt and oil impregnated, self-lubricating rollers
- Seed Tube  $\frac{5}{8}$  –  $\frac{7}{8}$
- Market Tube  $1 \frac{1}{4}$  –  $1 \frac{3}{4}$
- Create a custom size for your farm





# Oyster Tumbler Specifications

## Dimensions

Stand Alone Tumbler with Hand Feed Tray and Discharge Rack:

Length: 14' 11"

Width: 2' 10"

Height: 6' 3"

## Weight

Tumbler w/ 1 Tube	535 lbs
Tube only	67 lbs
Complete w/ 2 Tubes	602 lbs



# Three-Piece Tumblers

## U-Shape Set-up (top photo)

- Length: 14'
- Width: 8' 9"
- Height: 6' 1"

## Straight Set-up (bottom):

- Length: 24' 5"
- Width: 4' 9"
- Height: 6' 1"

## Weight

- Upfeed Conveyor w/ Hopper: 420 lbs
- Tumbler w/ 1 tube: 420 lbs
- Discharge Conveyor: 216 lbs
- Tube only: 67 lbs
- Complete 3-piece system, 2 Tubes: 1,123 lbs





# Oyster Tumbler/Sorter/Washer Pricing

Tumbler Packages	Price
3-Piece Package: Upfeed conveyor, tumbler with 2 tubes and discharge conveyor	\$ 28,980
2-Piece Package: Upfeed conveyor, tumbler with 2 tubes and discharge rack	\$ 24,350
2-Piece Package: Tumbler with 2 tubes, hand feed tray and discharge conveyor	\$ 19,530
Stand-alone tumbler with hand feed tray and discharge rack	\$ 14,950
Upfeed conveyor	\$ 9,000
Oyster wash tube	\$ 4,000
Additional tubes– Custom Hole size or Standard Size below Seed tube 5/8 – 7/8 Market tube 1 1/4 – 1 3/4	\$ 2,395

# Pearlception 2.0

## Grade Sort and Pack Millions of Oysters

### Description

- [Pearlception 2.0](#) is the first high-speed, laser-guided oyster processing system designed and built in the U.S. This revolutionary model offers unprecedented oyster sorting and grading capabilities together with an intuitive, operator-interface system. Pearlception automates sorting, increases productivity, prevents waste and delivers an outstanding ROI.

### Overview

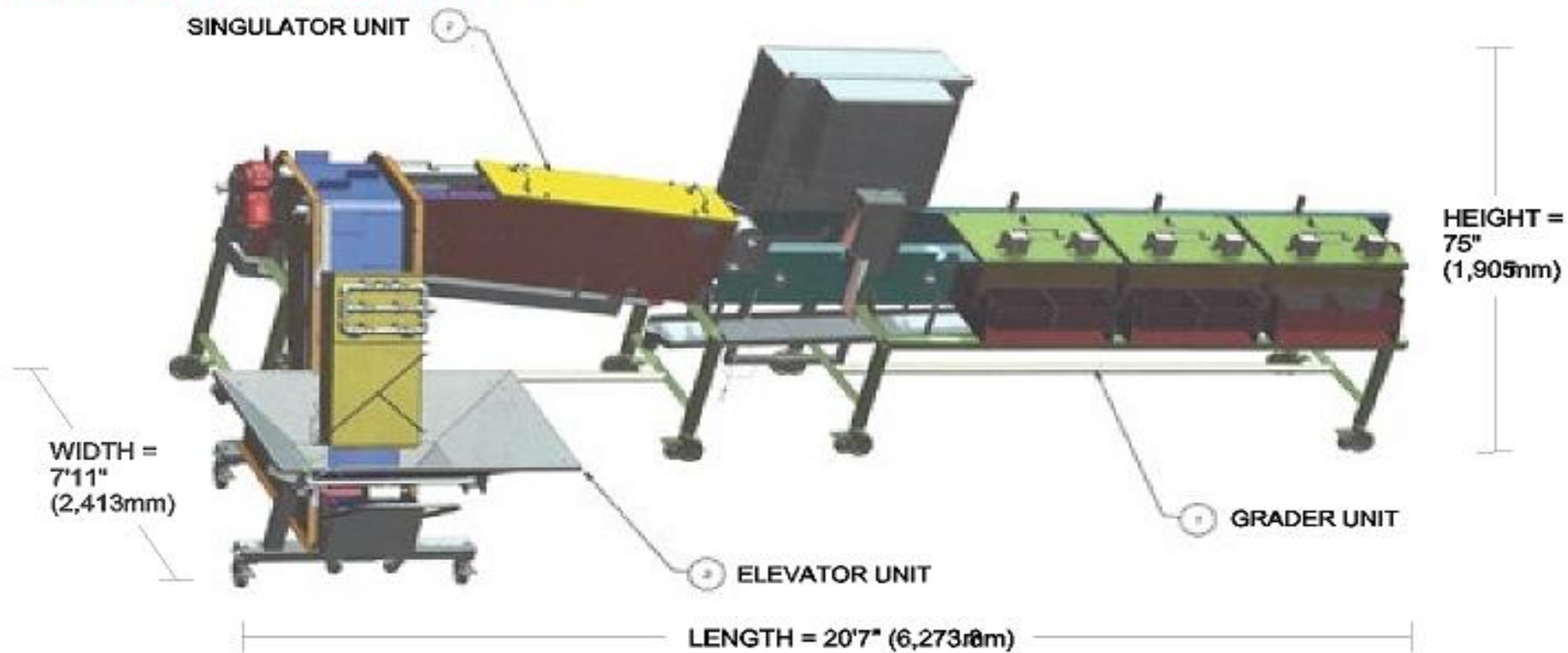
- Incorporating functions of sensing, actuation and control, Pearlception 2.0 is the first “smart system” processor designed to grade, sort and package more than 6,000 oysters an hour. Using real time data and predictive modeling, Pearlception is capable of semi-autonomous operation using preset parameters of length and width or length and volume, grade positions, box counts, and totals and provides real time data on grades, box counts, and totals.





# Pearlception 2.0

## Overhead Dimensions\*



\* Hopper and elevator can be configured either to either right or left side of singulator

# Pearlception 2.0 Features & Benefits

- Vibrating, self-loading up-feed features quickly moves oysters up a conveying elevator with staggered flights for steady loading
- Cross-feed delivers oysters to the singulator tube where they are turned on two points and accelerated onto the conveyor for precise laser grading
- Six air nozzles move oysters quickly and gently to one of six pre-set stations for boxing or bagging
- *OysterLogic* program tracks graded oysters and stops system with alarm if no boxes are available allowing operator to replace and restart system with no product loss
- Integrated sensors confirm and guarantee oyster count; stations flash green once predetermined number of oysters are counted
- Large touch-screen monitor and intuitive interface features seven distinct screens to configure, operate and manage processing for different levels of authority





- Stores 20 oyster configurations with up to three grades each
- Stainless steel construction with all washdown duty components
- Wide removable rails on up-feed and singulator allow quick and easy cleaning
- Laser scanning precisely grades oysters by length/width or length/volume
- Verification sensors ensure accurate box or bag count
- Premium components include Allen-Bradley variable frequency drives, programmable logic controller, human machine interface, starters, push buttons, circuit breakers and terminal blocks and SICK scanning laser, trigger eye, and confirmation sensors
- Safety redundancies include E-stops and integrated cable pulls to halt all system motion in an emergency
- Remote log-in and monitoring with eWON Cosy secure access provides continuous real-time data collection and statistics
- Debris catch pan with integrated belt flight flaps detaches from bottom of conveying elevator for easy cleaning and washdown
- Operates in temperatures as low as 40°F degrees
- OysterLogic maintains box counts and totals when system resets following e-stop
- Pearlception stations can be configured with additional hardware to allow for conversion from boxes to baskets or bags. Call for pricing.