



SIANG MAY
Netting the world



Sorting Drum



DESIGNED FOR AQUACULTURE.

ENGINEERED FOR THE WATER.

Aquaculture operates in an environment where equipment, materials and processes must work together.

For more than 40 years, Siang May brings together knowledge across synthetic fibres, netting, marine applications and aquaculture equipment, with **expertise** extending beyond products to include supply chain, logistics and application.

We maintain a strong focus on **quality** and consistency, conducting inspections and testing where required to verify materials, workmanship and performance. With training, technical **support**, after sales service and spare parts availability, we help customers get the most from their investment and keep their operations running smoothly over time.

Because every farm and project has its own requirements, we offer **customization** and **integration** of turnkey solution packages, connecting individual processes into a complete and efficient operating system, built around the way aquaculture works.

We are Your Partner in aquaculture solutions.



Product Information

The Scallop Sorting Machine automates the mechanical separation of scallops into different size grades. Designed for continuous operation, the system provides a controlled and consistent grading process.

Key Features



Automation Ready

Mechanically separates scallops into different size classes, reducing reliance on sorting.



Durable and reliable

Built for demanding, continuous processing environments.



High processing capacity

Continuous rotary operation allows large volumes of scallops to be handled efficiently.



Consistent processing

Controlled drum rotation helps provide more uniform processing results.



Reduced manual labor

Automates repetitive handling tasks, reducing manual labour.



Versatile Applications

Suitable for separating food such as onions, potatoes and products by size.

How It Works



1. Feed

Scallops are loaded into the machine through the infeed hopper or tray. The feeding system spreads the scallops into a consistent flow and prevent overcrowding.



2. Distribute

The rotating mechanism moves and distributes the scallops into a controlled, continuous flow, helping reduce piling and overlap.



3. Grade

As scallops travel along the rotating sorting section, they encounter calibrated gaps or openings. Smaller scallops pass through the appropriate openings, while larger scallops continue moving forward.



4. Separate

Progressively sized openings create different grading zones, separating scallops into consistent size groups.



5. Collect

Each size grade exits through a dedicated outlet and is collected separately for stocking, handling or further processing.

Designed Around Your Aquaculture Production Cycle



From nursery to harvest and handling, our equipment supports the changing requirements of aquaculture production.

Modular systems can be configured around species, culture method, stock size, stocking density, site conditions and handling requirements, creating a flexible solution at every stage of growth. Our sorting drum machines provide reliable size grading, separating by size and enabling consistent handling throughout the production cycle.

Designed for adaptability, the equipment range can be applied across oyster, scallop and other shellfish farming operations, helping producers efficiently manage stock as it moves through different growth stages and production processes.



Specifications

Product Type	Rotary Sorting Drum
Dimension	4.0m x 0.8m x 1.4 m
Material	304 SS Drum: Ø600x3000x2.5mm thickness Unloading Chute: 2.5mm thickness plate Machine Frame: SQ50x50x3mm thickness tube
Motor	3.0 KW Motor Reducer
Weight	200 Kg

Maintenance

Regular cleaning

Rinse the sorting surfaces, trays and product contact areas after operation to remove scallop residue, mud and marine deposits. Allow components to drain and dry where appropriate.

Inspection

Regularly check the rotary drum, grading openings and supporting components for shell fragments, blockages, deformation or excessive wear. Keep grading openings clear to maintain consistent sizing.

Lubrication

Inspect bearings, shafts, rollers and other moving parts for abnormal noise, looseness or wear. Lubricate components with suitable lubricants regularly.



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