FOR INSECT FARMING



LARVAE SORTING MACHINE

Oscillating sieve

** Mesh dimensions are tailored to the user's requirements.*

Industrial nutation (oscillating) sieving machine for the separation and size grading of insect larvae, powders, seeds, granules and bulk solids. Built entirely in stainless steel, it combines high sieving capacity with a low-vibration oscillating motion, ideal for professional production facilities.

KEY FEATURES

- Full stainless steel construction (product-contact parts in SS304).
- High-efficiency, low-vibration nutation (oscillating) motion.
- ABB motor with frequency inverter to regulate sieving.
- Control box to manage time and vibration.
- Adjustable eccentricity from 25 to 40 mm.
- Receiving hopper to pour in the product.
- 2 meshes and 3 outlets (sleeve outlets) for multi-size grading.
- Mesh dimensions configurable to the application.
- CE / ISO certified.

TECHNICAL SPECIFICATIONS

Model	EYBS-1200-2S · Oscillating sieve
Material	Stainless steel · product contact SS304
Motor	ABB · 2.2 kW · 220-280 RPM
Power supply	Three-phase (recommended) · with frequency inverter
Control	Time and vibration control box
Meshes / Outlets	2 meshes · 3 sleeve outlets
Eccentricity	Adjustable 25 to 40 mm
Dimensions (L × W × H)	1,100 × 1,100 × 1,483 mm
Weight (packed)	900 kg
Certification	CE / ISO
Warranty	12 months

OPERATION

- The horizontal and vertical acceleration of the motor moves the particles across the meshes.
- Each level separates particles close to its mesh size, sending the larger ones to the outlet.
- Product flow is adjustable to match the production rate.

APPLICATIONS

Sieving and grading of insect larvae, as well as powders, seeds, granules and bulk solids, in insect farms and production facilities and in industrial screening and size-separation processes.

BENEFITS FOR THE PRODUCER

- **High capacity:** continuous sieving and simultaneous grading into several sizes.
- **Full hygiene:** stainless steel and SS304 product contact, suitable for food use.
- **Adjustable process:** inverter, eccentricity and time control let you optimise each product.
- **Import-ready:** includes customs documentation (TEST REPORT, HS CODE), technical support and installation videos.

Imported and distributed by For Insect Farming

Nutation sieving machine EYBS-1200-2S

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