

2.2

VIBRATORY SEPARATION MACHINE



- The Vibratory Separation Machine separates the product according to size.
- After the sieving of the products coming out of this sieving process, they become suitable for the automation process if desired.
- Vibration motors have been designed to be modulated with a special angle in order to make the vibration linear and efficient with a special angle to both sides of the Vibration Sieve.
- It allows the separation screen to be removed at any time to be changed or to be cleaned for cleaning.
- The separation screen are made of Stainless Steel Wires and comply with the hygiene standards required in the food and chocolate industry.
- Vibratory separation machines are used in many industries such as food, chocolate, confectionery, chemical, mining, etc.
- After the Screening Process, the products are filled into the cassettes and the Chocolate Pebble process is realized.

MACHINE CODE	VIBRATION POWER	SEPARATION SCREEN WIDTH	SEPARATION SCREEN LENGTH	SEPARATION LAYERS	TOTAL POWER
VSM1100	800 kg F	500 mm	1100 mm	3	0,4 kW
VSM2000	1500 kg F	500 mm	2000 mm	4	0,8 kW

Separation Screen Inside Dimensions	2x2 mm	3x3 mm	4x4 mm	5x5 mm	5,2x5,2 mm	6x6 mm	7x7 mm	8x8 mm	9x9 mm	10x10 mm	12x12 mm	14x14 mm	15x15 mm

ELECTRICAL POWER

VSM1100 - 0,4 kW
VSM2000 - 1,5 kW

VOLTAGE

400 V , 3 Phase, 50 Hz

CONTROL PANEL VOLTAGE

220 VAC

WEIGHT

VSM1100 - 250 kg / VSM2000 - 450 kg

COLOR

STAINLESS STEEL

ADDITIONAL OPTION

WHEELS OR ADJUSTABLE FEET

OTHER OPTIONS

- Manual or automatic feeding of chocolate blocks into the appropriate channels for subsequent grinding to the appearance of Pebbles.
- The blocks of chocolate supplied to the machine are automatically broken (into pieces) on the crusher.
- Chocolate blocks or plates with dimensions of 250-350 mm wide and 4-7 mm thick are automatically fed to the inlet of the crushing machine and are automatically crushed.
- After the process of crushing chocolate blocks, the fermented chocolate is automatically fed to the vibrating sieve, and the chocolate pieces are screened out.
- At the lowest level, dust is sieved. The dust-screened product is fed into boxes.
- At the 1st level, the sieve holes are 3-4 mm, chocolate is sifted here with dimensions of 2-4 mm. The sifted chocolate is served in a box.
- At the 2nd level, the hole sizes are 5 mm, chocolate is sifted here with dimensions of 4-7 mm. The sifted chocolate is served in a box.
- At the 3rd level, the sieve holes are 7-8 mm, chocolate is sifted here with dimensions of 7-9 mm. The sifted chocolate is served in a box.
- At the 4th level, the hole sizes are 9-10 mm or, if necessary, 12-12 mm, here chocolate is sieved with dimensions of 9 mm or more. The sifted chocolate is served in a box.
- Machine VSM1100 has 2-level separation system.
- Machine VSM2000-3T has 3-level separation system.
- The 4-level separation system is only available on the VSM2000-4T.
- The separation unit is mounted on a wheeled and painted chassis.

