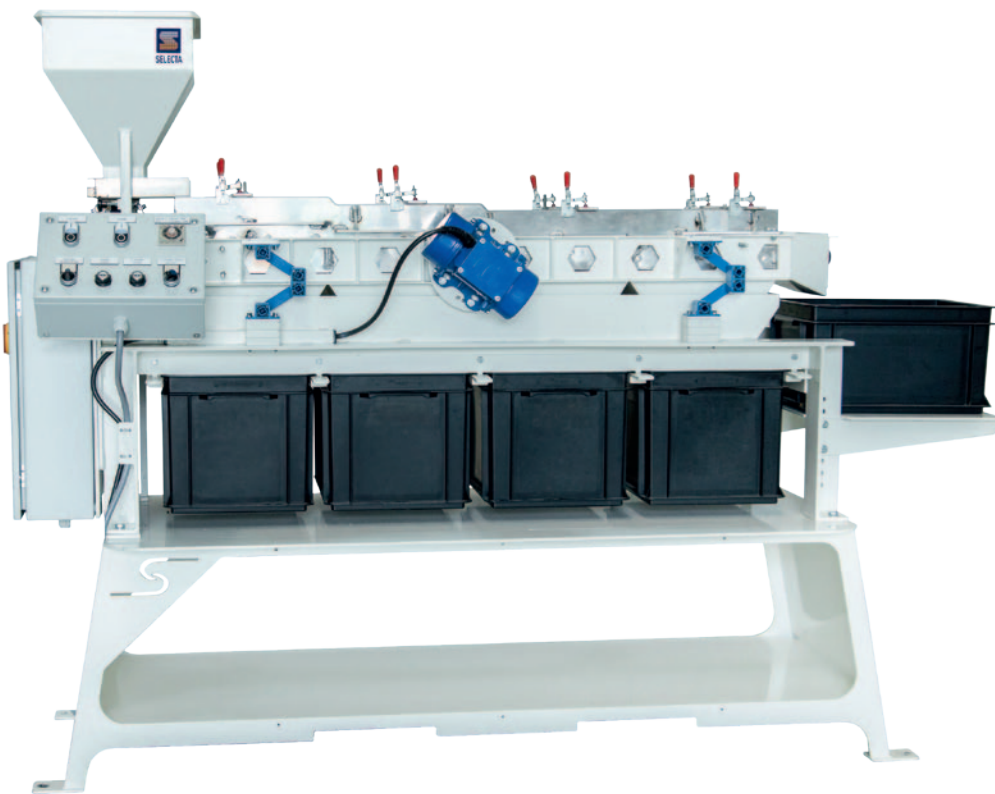


Calibrating & Sizing machines

# HC Series *Selecta*



**PETKUS**



### UNIQUE SCREEN MOTION

The screens oscillate in low speed and high speed intervals. At low oscillation speed the seeds are separated by the screens, at high oscillation speed the elastic balls clean the screens by jumping underneath.



### QUIET & COMPACT

One complete aluminium frame for balls and sieves keeps the machine very compact and quiet in comparison to other machines in the market.



### FRAMELESS SCREENS

The screens used in the HC Series are designed in a unique way without frames. This ensures optimal cleaning and reduces the risk of contamination.

**The finest for Quality Seeds.**

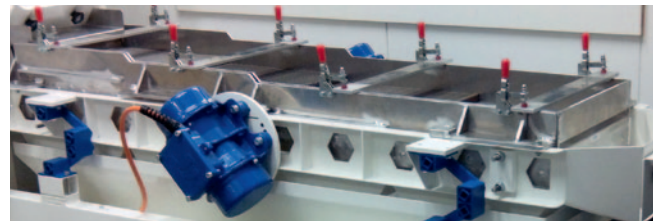
The HC Series is a new generation of calibration machines for a wide range of seeds. PETKUS Selecta HC calibration machines are the best in their class with an unbeatable precision on scaling seeds. The HC 3.0 has been developed for batches of 250 g up to 15 kg and replaces screening by hand and other small sizing machines. The HC 6.0 and 12.0 are PETKUS Selecta's latest innovations. The new HC Serie has four screens in line for up to 5 fractions. A wide range of screens makes the machine suitable for almost any crop.

## Operation

The product to be processed is dropped into the hopper and transported by the vibrating feeder on the first screen. The throughput from each screen is collected in an anti-static collecting box underneath. The overflow from the fourth screen leaves the machine at an outlet and is collected in the fifth anti-static collecting box.

## Features

- + The movement of the screens is unique. The screens oscillate in low speed and high speed intervals. At low oscillation speed the seeds are separated by the screens, at high oscillation speed the elastic balls clean the screens by jumping underneath.
- + The screens are constructed in a light aluminium frame for easy handling and extra vibration.
- + Due to the light aluminium frame the HC is one of the quietest machines in the market.
- + One complete aluminium frame for balls and screens keeps the machine very compact in comparison to other machines.
- + The screens are fitted by clamps for fast changing of the screens and thorough cleaning of the machine.

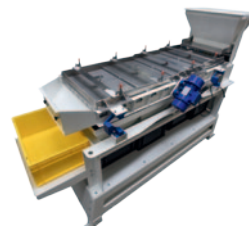
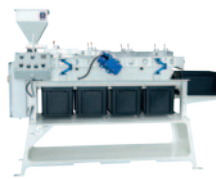


Detail of the 4 screens

- + Open construction for easy cleaning
- + Easy and precise operation as all adjustments are continuously variable adjustable.
- + Feeding by VIDOS vibrating feeder for a regular flow, with integrated continuously variable speed adjustment for very precise dosing.
- + No vibration due to the durable swinging elements

## Options

- + Storage rack for 40 screens in the frame
- + Sensor on feeding hopper to stop when the feeding hopper is empty.
- + Larger feeding hopper in combination with bigger collecting boxes
- + Pre-suction unit before the first sieve to remove light impurities to keep the screens clean and/or to prevent dust in the working area.
- + HC 12.0: Units can be connected up to a total of 12 screens



## Technical Data

		HC 3.0 <i>Selecta</i>	HC 6.0 <i>Selecta</i>	HC 12.0 <i>Selecta</i>
Length	(mm)	2 000	2 600	4 400
Width	(mm)	800	1 200	2 000
Height (table model)	(mm)	1 200	1 500	—
Height (with storage rack)	(mm)	1 700	1 900	2 400
Weight	(kg)	320	500	900
Sieve Width	(mm)	300	600	900 - 1 200
Sieve Length	(mm)	300	400	900 - 1 200
Number of Sieves		4 / 8	4 / 8	4 / 6 / 8 / 10
Feeding Hopper	(litres)	20	60	100
Power	(kW)	0,4	0,4	1,0

Descriptions and measurements are approximate. We reserve the right to implement technical changes.