

GRAPE HARVEST SELECTION IS OUR EXPERTISE

BUILD THE BEST

Wine Grape Line

Our machines are meticulously crafted to seamlessly integrate, ensuring, precision, finesse, and expression.



Quality

WECCO



IR

CONVEYOR BELT

- A self-supporting 304 stainless steel chassis equipped with a hydraulic lift mounted on braked swivel castors with stainless steel yokes and rubber wheels.
- Food-grade PVC belt with curved cleats.
- A custom mechanism for the instantaneous loosening and tightening of the belt without tools.
- A motor placed at the foot of the belt ensuring perfect stability.
- A lightweight housing, free of any accumulation areas, easily accessible by a water jet.
- All stainless steel parts are supplied with a microblasted finish.
- A 50 mm mason drainage tap at the bottom.
- Simplified cleaning thanks to the tool-free belt tensioning system.
- Curved belt cleats for the transport of solids and liquids.

Elevation

from 1420 to 7500 mm

Width

from 300 to 800 mm
(500 mm as standard)

Length

from 2 to 25 m



LE CUBE®

LE CUBE IS A COMPREHENSIVE TOOL WITH A GENTLE PROCESS WHICH COMBINES UNEQUALLED TREATMENT OF THE GRAPES, SIMPLICITY OF USE, EFFICIENCY AND EASE OF CLEANING.

Le Cube® is the most complete and versatile destemming and sorting device on the market. Due to its innovative design, it can be adapted to any configuration or need. It can be fed by a bin, vibrating bin or hopper, belt or vibrating sorting table, conveyor belt, or by crate, with a manual harvest or mechanical harvest, to destem and sort, or to sort only.

Manual harvest throughput (depending on variety and maturity)

9 metric tonnes per hour

Mechanical harvest throughput (depending on variety and maturity)

15 metric tonnes per hour

Electrical power consumption 3,2 kw **Power supply** 3 P+T **Electrical voltage** 220 V or 480 V

Minimum height 1.800 m **Length** 2.730 m **Width** 1.936 m **Weight** 650 kg

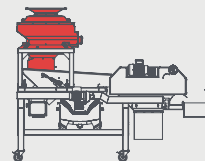


COMPONENT N°1

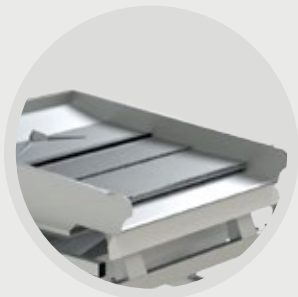
THE VIBRATING DESTEMMER

This system, which is unique on the market, allows for a gentle and silent destemming of the harvest by removing the grapes from the stems without the slightest of trauma to the components of the cluster.

It consists of two rows of plastic destemming fingers which form a vertical vibrating corridor in which the clusters are guided (1). The detached grapes descend naturally by gravity and the stems are carried downwards by flexible discs. This phenomenon of gravitational destemming gives Le Cube its ability to preserve the integrity of the grapes, but also, thanks to its design using flexible materials, it can handle foreign matter, such as pieces of stumps or stakes, taken in during mechanical harvesting without causing damage or jamming.

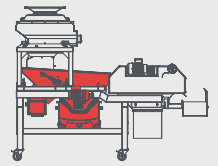


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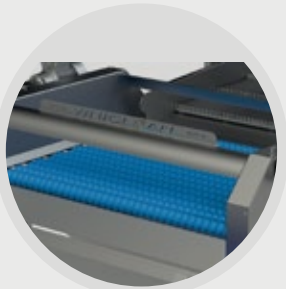
COMPONENT N°2 THE VIBRATING HOPPER

The vibrating hopper offers various benefits. The first is to control the accuracy of the adjustments made to the destemming head. The second is to distribute the harvest evenly over the entire surface of its grid in order to effectively sift out the juice and any small unwanted debris. The third is to orientate the flow of matter horizontally in order to facilitate and optimise the work of the Viniclean rollers. This vibrating component, which is 1100mm wide, is equipped with a grid that can be dismantled instantly and without the need for tools (2) making it possible to adapt the opening of the grid (3mm, 5mm or 7mm) to the size of the grape variety to be treated or to the small debris to be eliminated (green berries, dry or undeveloped berries, small snails). Under the grid is a bin, fitted with a 50mm mason coupling containing a sieve (or optionally an automatic waste evacuation screw) which separates the solid waste from the liquid (3).



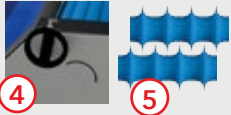
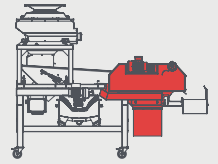
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COMPONENT N°3 THE VINICLEAN®

This 15-roller sorting tool, equipped with flexible plastic sleeves with adjustable spacing on two axis, allows for the precise extraction of vegetation and any other debris larger than the grape berry (stems, petioles, leaves, snails, pieces of stump, etc.). The contours and the soft material of our sorting rollers have been specially designed by our engineering department for optimal plant grip without crushing the fruit. The instantaneous adjustment of the roller spacing (4) combined with the possibility of a lateral spacing adjustment of the sleeve contours (5) ensures a precise calibration adapted to all types of grape varieties.



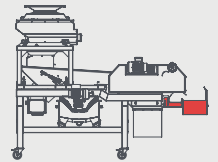
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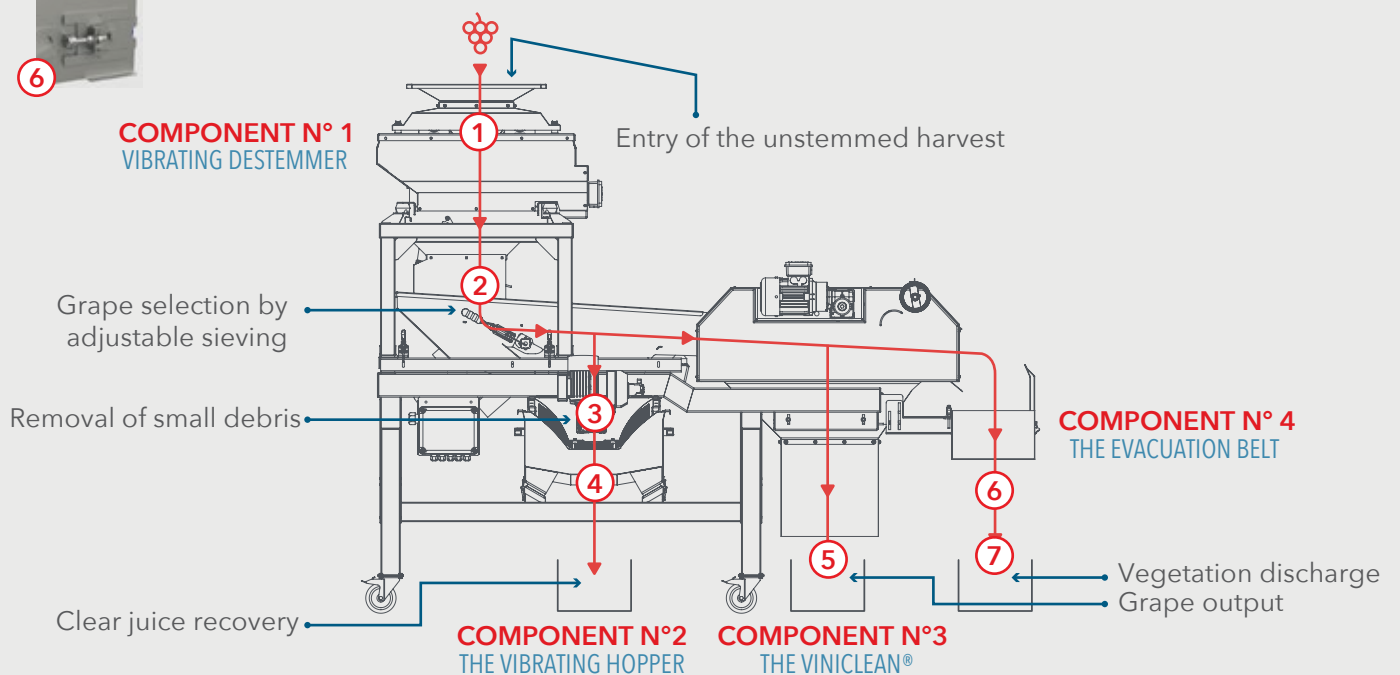
COMPONENT N°4 THE EVACUATION BELT

The evacuation of debris is a common problem that we have solved with this two-way rotating belt. By reversing the direction of rotation it is now possible to position a waste bin on either side of the conveyor belt so that, while reversed, the full bin can be emptied on one side while the other is filled on the opposite side. This waste conveyor belt is equipped with a drum motor, a 300mm wide cleated belt and a tensioning system for fast and accurate cleaning (6).

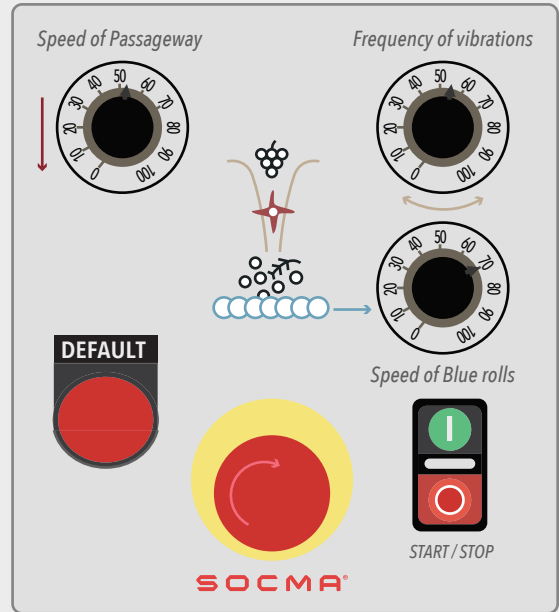
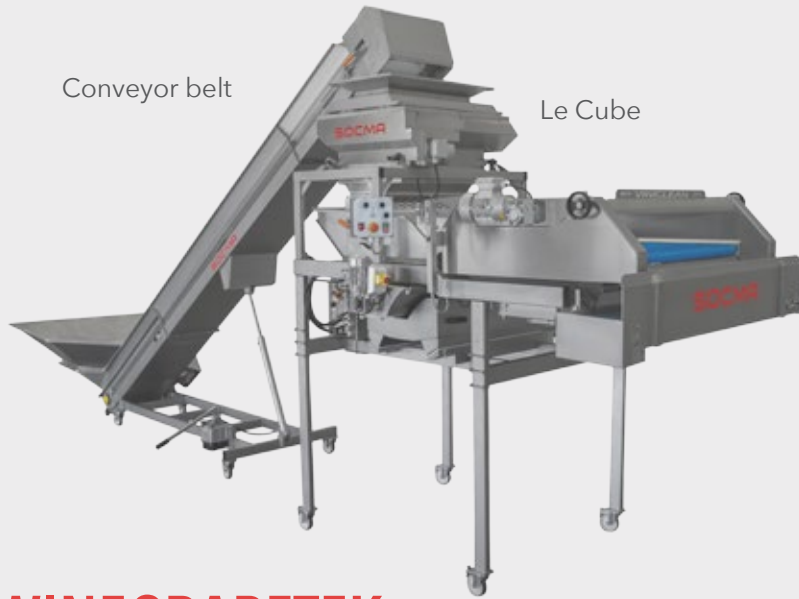


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COMPONENT N°1 VIBRATING DESTEMMER



Destemmer Control



WINEGRAPETEK

WINEGRAPETEK GRAPE SORTER REMOVES MOG (MATERIAL OTHER THAN GRAPES) STEMS, JACKS, LEAVES, SHOT BERRY (MILLERANDAGE), PINK ACIDS AND RAISINS.

HIGH QUALITY
Clean Sorted Fruits

