



INTEGRAL' VISION

PERFECT SORTING FOR EXCEPTIONAL WINES

—
The berry-by-berry Visionic sorting system removes unwanted elements: green waste, foreign bodies and under-ripe or unhealthy berries.

Testimonial

This is amazing technology. The sorting action removes really microscopic particles of leaves, stalks, or fragments, scarcely visible to the naked eye, and impossible to sort by hand. The quality is amazing, as is the accuracy of the settings. The machine can be set to sort by the gauge of berries, their maturity, or their colour; all the aspects that you want to work on or refine.

**Château Lassègue
Saint-Emilion
Bordeaux (33) - FRANCE**



Result of high quality optical sorting



Perfect quality



Quick and easy cleaning



Ergonomic interface



INCREDIBLY HIGH-QUALITY HARVEST

- Continuous and complete sorting
- Protection of the harvest
- Real-time selection of the harvest sorting level according to the desired quality
- This perfect sorting has a direct positive impact on the quality of the wines



EASY TO WASH AND OPERATE

- Simple real-time settings adjustment: ergonomic touchscreen interface
- Quick (15 minutes) and easy cleaning with integrated pre-cleaning system



OPTIMISED USE

- 2,000 elements sorted per second, up to 12 tons per hour
- Quick and easy to use
- Immediately operational, no calibration required before start-up
- Management of the sorting chain by just one person
- Easy to move between wineries



OPTIMISED SORTING COSTS

- Significant reduction in labour costs
- Best quality/price ratio on the market
- Optimises the quality of your wines



Silver medal

VINITECH - 2008

INTERVITIS INTERFRUCTA - 2010

INTEGRAL' VISION



EASY AND INTUITIVE ADJUSTMENT

A new intuitive touchscreen interface allows all machine settings to be made. The ability to change the brightness allows visibility in all situations.



WASHING MADE EASY

The in-place cleaning system of the conveyor belt and the easy access to the different parts of the machine reduce washing times and water consumption.



INCREDIBLY HIGH-QUALITY HARVEST

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IMPROVEMENT	REDUCTION
Complexity and aromatic intensity	Herbal character
Volume in the mouth	Bitterness
Suppleness of the tannins	Astringency
Sharper wines	Dryness



Sorted harvest



Waste removed

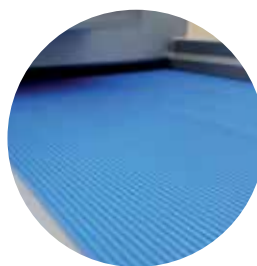
BERRY-BY-BERRY SORTING ACCESSIBLE TO ALL



1 - Preparation of the harvest for sorting

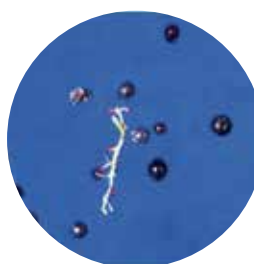


Drainage, distribution across the full width of the machine, removal of small waste: optimised sorting (vibrating table).



Stabilisation of the harvest and alignment of objects in front of the nozzles to improve sorting accuracy (blue grooved conveyor).

2 - Analysis and sorting



The camera continuously films the harvest on the conveyor. The PELLENC sorting software analyses the images depending on the selected level of sorting (sorting by shape and colour).



The nozzles eject unwanted items from the harvest (green waste, berries that are unripe or in poor health, dried-out grapes, etc.) via the bar of compressed air nozzles.

TECHNICAL FEATURES



	INTEGRAL'VISION	VIBRACTIV'
Flow rate (depending on grape variety, maturity, state of health, dehydration and desired sorting quality)*	Up to 12t/h	Up to 12t/h
Length (overall, in mm)	3,040	1,675
Width (overall, in mm)	1,870	1,420
Total height (min.-max.) (mm)	2,160-2580	1,300-1850
Height of grape outlet (min.-max.) (mm)	600-1,025	-
Machine weight (inclusive of all options) in kg	850	275
Rated power (kW)	2.6	0.6
Electrical power supply	16A 3P + T at 400/410 V	16A 3P + T at 400/410 V
Air supply	50m ³ /h at 7 bars	-
Material	Stainless steel 304 L	Stainless steel 304 L
Conveyor speed (m/s)	2.4	-
Pneumatic tank (2 x 24 L) + air treatment	•	-
In-situ pre-cleaning	•	-
Waste collection bin from the vision unit with evacuation screw	•	-
Height-adjustable roller legs	○	•
Control of peripheral systems (extractiv', INTEGRAL'WINERY, etc.)	○	-

• Standard equipment ○ Optional - Not available