OPTICAL SORTER BY FALL 6SXZ

THE REAL SORTING SOLUTION
Specifically for KERNELS

Watch the video!

Manufacturer of solutions for the harvest and work of the fruits

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OPTICAL SORTER BY FALL GSXZ

The GSXZ sorter adapts to all situations.

In the walnut world it allows to sort in an efficient way the following products :

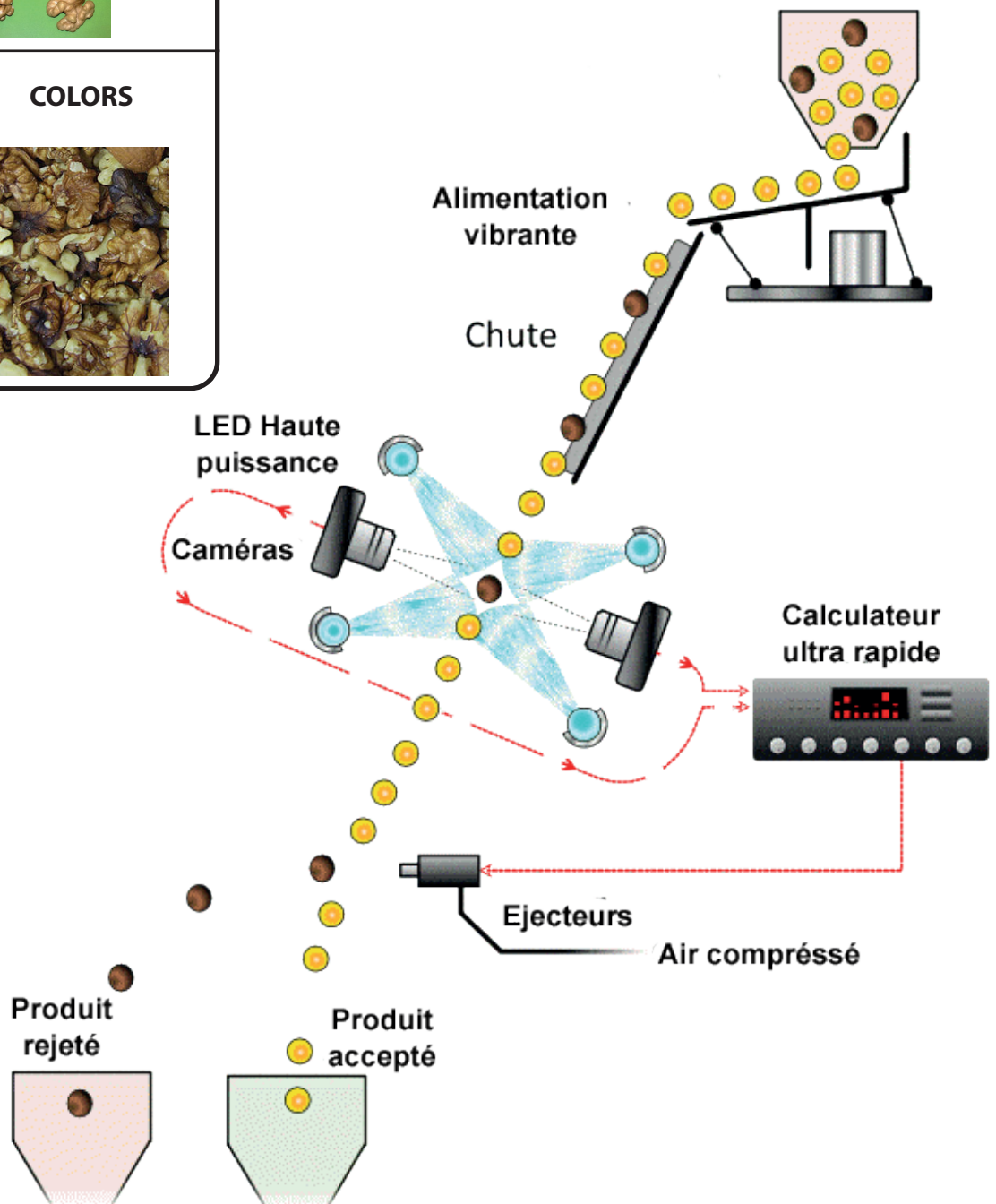## KERNELS

ACCEPTED	
REJECTED	**SHELLS MEMBRANES** **COLORS**

PRECISION :
- Ejection nozzles every 5mm.
- Viewing defects from 0.02mm.
- Simultaneous vision above and below the product.
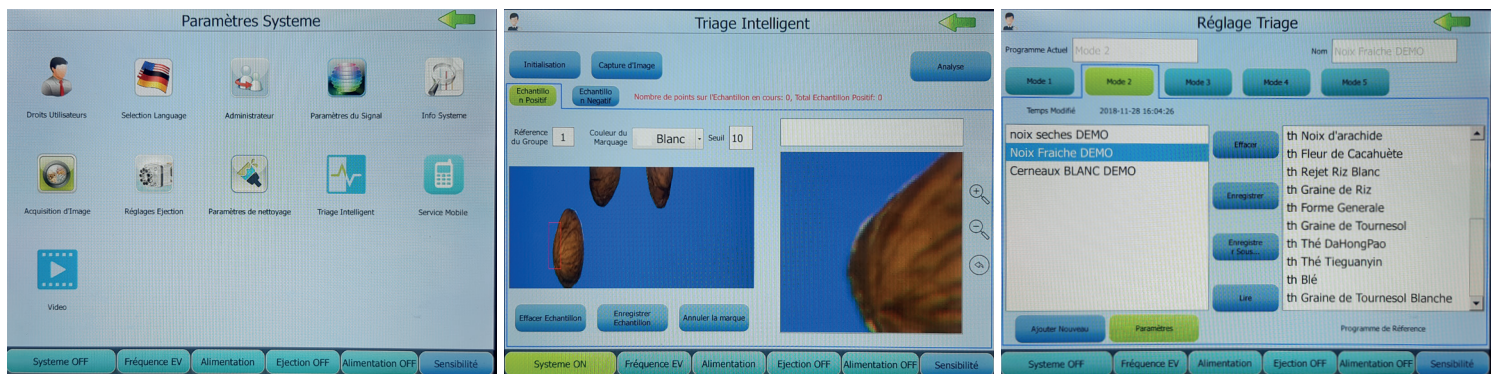
PERFORMANCE :
- Viewing the product 9 000 times per second.
- Until 1400 ejections par second.

Alimentation vibrante

Chute

LED Haute puissance

Caméras

Calculateur ultra rapide

Ejecteurs

Air compréssé

Produit rejeté

Produit accepté

OPTICAL SORTER BY FALL GSXZ

INTERFACE

- Touch screen IP6X
- Easy (user-friendly) Interface
- Change settings in real time
- Fast and easy to understand
- French/English/Italian/Spanish
- Saving settings in batches (recipes)

RELIABILITY

- LED lighting is guaranteed for 100,000 hours.
- Industrial solenoid valves guaranteed for 5 000 000 000 cycles.
- Industrial cameras perfectly protected from dust and humidity.
- Few mechanical parts.
- Fast diagnosis in case of failure.
- Remote maintenance.
- Ejection nozzles 100% removable.
- Automatic camera and carpet cleaning.
- Machine in IP6X therefore clean with clear water or compressed air (blower).

INTEGRATION

- Single feeding hopper on a vibrating channel.
- Food grade belt and 100% stainless steel chassis
- Tapis d'évacuation produit configurable (droite ou gauche) inclus.
- Goulotte spécifique de reception (option).
- Set-up on wheels or pallet chassis to be movable (Optionnal)
- 100% remote controllable. By local network wifi or ethernet

OPTICAL SORTER BY FALL 6SXZ

CONFIGURATIONS:

- Depending on the product(s) to be sorted and the defects to be removed, different camera configurations are available :

COLOR CAMERAS : Advanced technology that offers the best sorting quality.

(E.g. kernels color sorting, without managing shells & membranes)

INFRARED CAMERAS : Advanced technology to bring out certain materials to better eject them (e.g. pebbles, wood, shells, metal, etc...).

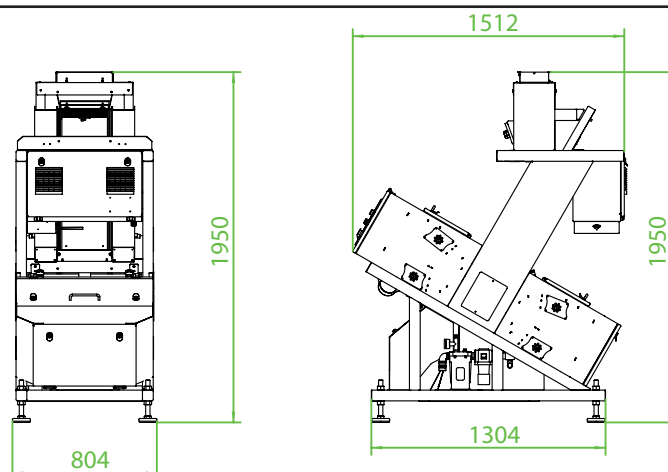These cameras are essential if you want a perfect result on products very complicated to sort.

It comes in several configurations to fit your workload:
1 - 2 - 4 - 5 - 6 - 8 channels

It is thus possible to configure «à la carte» the vision system.

TECHNICAL FEATURES

MODEL	6SXZ - 63 (fall)
Dimensions	Width 804 / Depth 1512 / Height 1950
Weight	490kg
Output	Kernels = 400kg/hour
Electricity	220VAC - 1kW
Compressed air	Consumption: 500l/min 30m^3/h Pressure : 7bar mini Volume : 150l (Maximum Distance of the compressor = 50m) Air dryer recommended
Options	Pallet Chassis / Extension legs / Air compressed alarm

MODEL 6SXZ-63