

The Delta Mistral® sorting line is a one-piece vibrating table composed of:

- a draining grid equipped with an automatic evacuation system for vegetal debris so that free juices can be collected without any external particles,
- a sorting system thanks to an air-blow device.

### Main advantages

- A one-piece design.
- An efficient automatic sorting system which is easy to set up.
- No grinding of grapes.
- Fast cleaning with a water spray system.
- Minimum maintenance and mechanical upkeep.
- Quick return on investment.

### Operation

Grapes are left at the end of the vibrating table and then are moved forward in a homogeneous way.

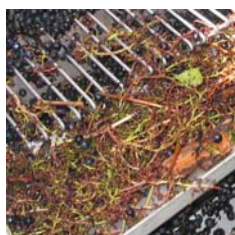
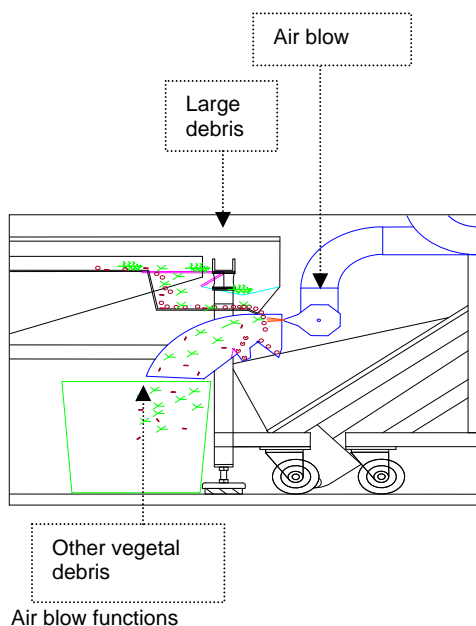
- The draining grid is used first to collect free juices with their vegetal debris. The debris are then automatically eliminated through another grid.
- Grapes are then spread out uniformly and are led towards the air blow. Large debris are collected into a tray by passing through a interchangeable grid located at the end of the table and are then eliminated manually. The air blow of adjustable power blows other debris such as stems, verjuice, shot berries etc... off their course towards a collector (not supplied) and leads the berries towards a separator that enables adjustable sorting. Sorted berries are then collected in a tray or can go feeding a pump or are transferred thanks to a belt elevator.

### Characteristics of the vibrating table for the distribution and acceleration of grapes

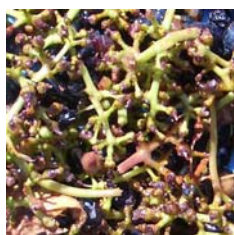
- 304L stainless steel structure.
- Tough chassis on anti-vibratory supports and screw jacks.
- 2 vibrating motors.
- Fan with frequency variation.
- Interchangeable grid spacings : 18, 20 or 22 mm.
- Width of vibrating table : 600 mm. (Mistral 60) and 1000 mm. (Mistral 100 NG).
- Width x Length x Feed height :  
- 1020 x 2100 x 830 mm. (Mistral 60)  
- 468 x 3000 x 1220 mm. (Mistral 100 NG).
- Max flow rate (depending on grape variety and grape maturity) : 3 T/H. (Mistral 60) – 6 T/H (Mistral 100 NG).

### Option

- Extension legs for chassis.



Large debris  
Interchangeable grid



Stems



Shot berries



Verjuice

Distributed by :

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## Delta Mistral® 60 / 100 NG



Delta Mistral® 100 NG

### **Automatic quality sorting**

The Delta Mistral® sorting line is entirely automatic and :

- enables the almost total removal of vegetal debris from grapes (stalks, petioles, leaves ...)
- shot berries, verjuice,
- can separate whole berries from crushed berries,
- can be integrated inside a reception line after destemming,
- is adapted to manually or mechanically harvested de-juiced grapes.