



EUROSELECT Optical Sorter

OPTICAL GRAPE SORTER BY SCHARFENBERGER



Premium Quality with Scharfenberger's Optical Grape Sorting

Gentle handling of the harvest combined with optimum preparation and sorting are important factors for the best possible grape quality. Healthy and absolutely ripe berries are the basis for producing outstanding wines.

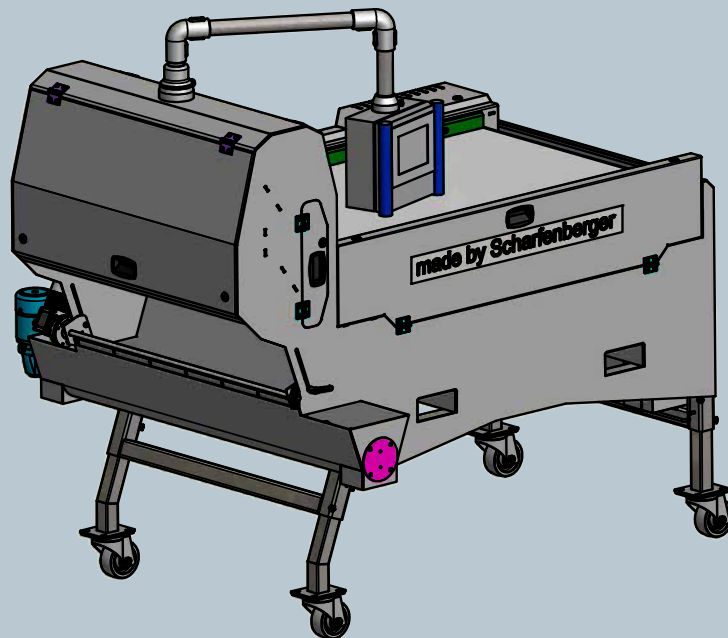
This makes fully automatic grape sorting even more significant, particularly in regards to climate change and the associated increased risk of rotting.



Over the years the wage of seasonal labour has increased so that manual sorting has become more and more expensive. Here the optical sorter offers clear advantages; the cost factor and the sorting results remain constant.

With its new optical sorting machine, Scharfenberger Maschinenbau offers wineries an efficient and cost-effective alternative to labour intensive and costly manual grape sorting.

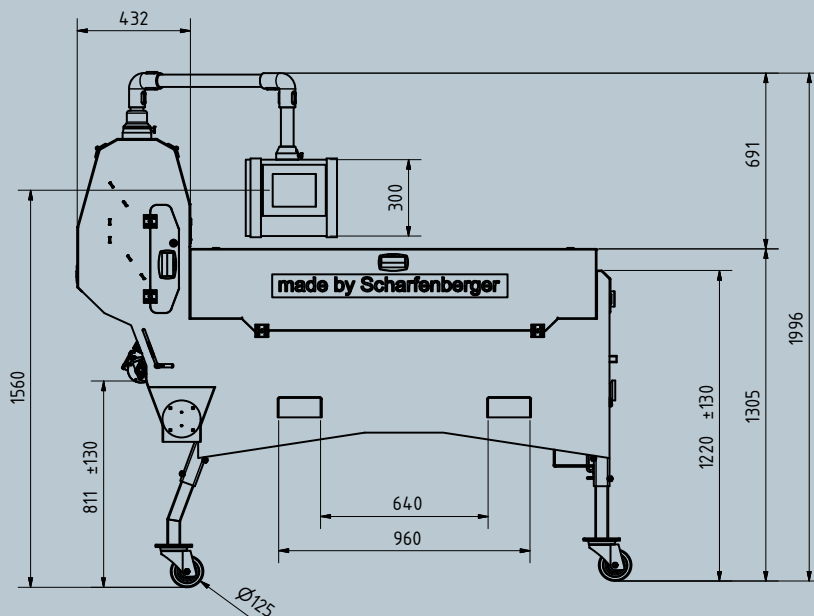




Design features

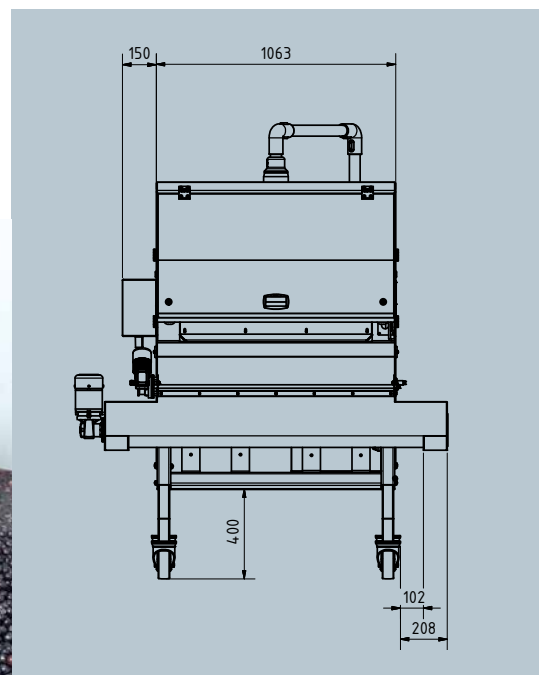
- Frame in stainless steel (AISI 304)
- Movable on four wheels (two with brakes)
- Stepless height adjustment and easy levelling
- Belt made out of food-grade material
- Belt with constant speed
- Inspection openings for easy access and fast cleaning
- Removable juice collection tray
- Forklift pockets
- Automatic belt cleaning
- Display on swing out arm
- Waste discharge by auger (left or right side)





Technical Data

- Compressed air requirement: approx. 300 l/min at 7 bar
- Electrical connection: 1 x 230 Volt AC
- Length: approx. 2073 mm
- Width: approx. 1655 mm
- Total height: approx. 2000 mm
- Discharge height: approx. 850 mm





For the highest demands

The grapes are rapidly analysed in free fall by HD cameras, and rotten and unripe berries together with any remaining material like stems, leaves, petioles, etc. are reliably removed with compressed air nozzles. Detection is based on the visible colours and infrared.



A "chroma"-function enables steplessly adjustable colour detection from the surface to the centre of objects. Further processing of the images and the easy switching on and off of sorting criteria is carried out by highly efficient microprocessors. The capacity with four cameras is approx. 5 t/h.



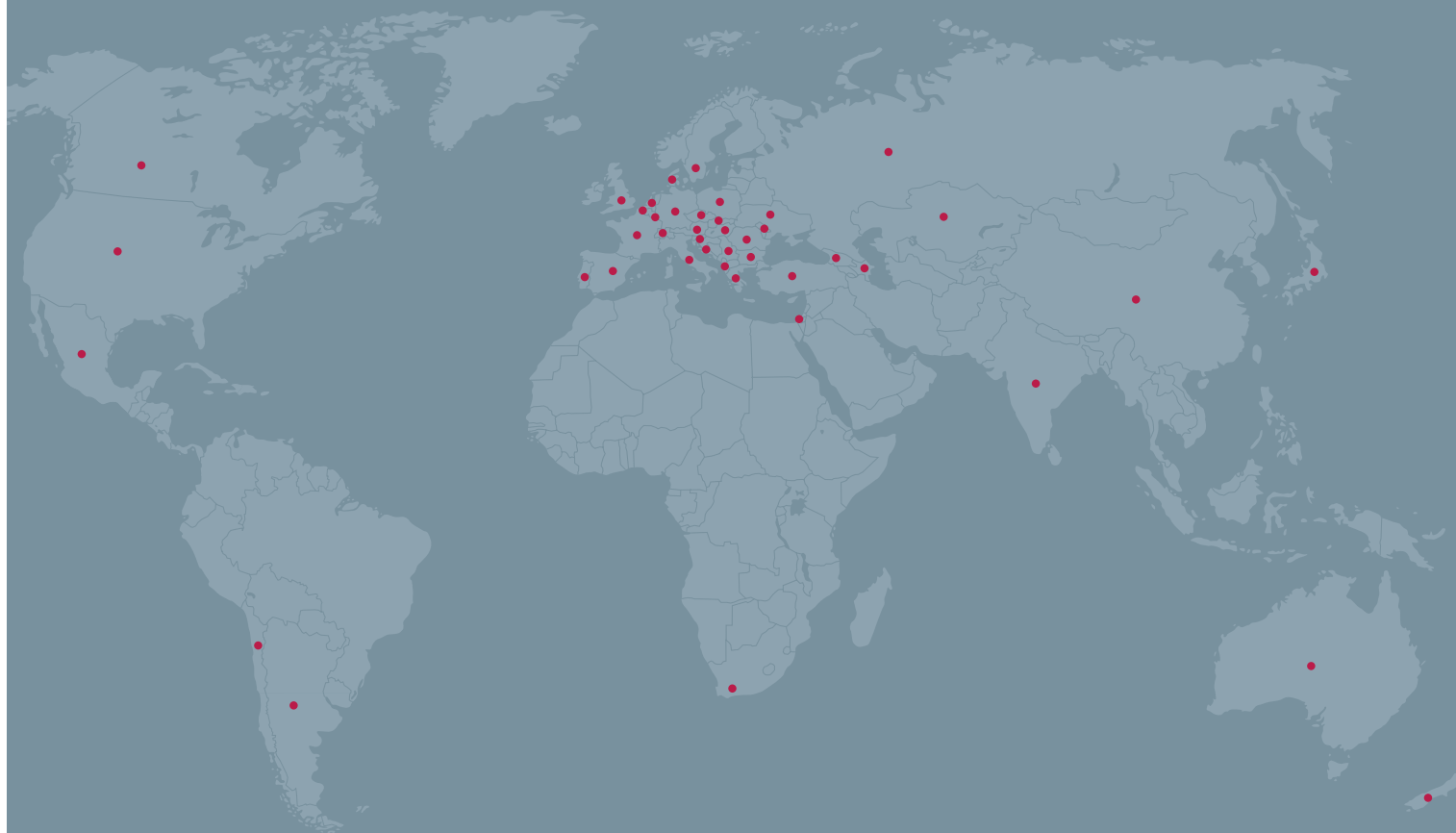


The stainless steel frame of the optical sorter is easily adjustable in height and level. For an optimal presentation of the grapes to the cameras they are spread out on a fast running conveyor belt which is made out of food-grade material. Several inspection openings on the machine ensure good accessibility and guarantee a cleaning quick and easy.



The touch screen control unit allows an easy and fast detection of desired and undesired colors of the fruit. Based on that information the setting of the color and infrared data can be adjusted. These settings can be saved in 8 memory locations.

SCHARFENBERGER GLOBAL



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Czech Republic
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Moldavia
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Russia

Kazakhstan
South Africa
India
China
Japan
Australia
New Zealand



DIN EN ISO 9001:2008 DGRL 97/23/EG

We reserve the right to make technical changes
without prior notice

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