



Van Wamel B.V.

FRUIT AND VEGETABLE GRADING SYSTEMS

GRADING MACHINES

FEEDING & PACKAGING SOLUTIONS

www.vanwamel.nl

VAN WAMEL B.V.

Since 1947!

With 70 years of experience in manufacturing equipment for fruit and vegetable growers, PERFECT is today one of the leading brands in its field.

Use of the best materials and components combined with the application of state-of-the-art production techniques in our factory in Beneden-Leeuwen (the Netherlands) are key to the product quality PERFECT machines are famous for worldwide.

In close collaboration with our international dealers and importers, we supply systems based on user-specific requirements, wishes and conditions.



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YOUR PRODUCT

Is what we work for!

Customer perceptions on quality fruit differ from country to country. As a grower or packing house, it is your challenge to identify these preferences and to offer products which fit people's taste in specific target markets.

Accurate grading and sorting enables you to optimally adapt your product to market preferences. PERFECT grading systems are easy-to-use tools that allow you to serve your market in a flexible, consistent and continuous manner.

PERFECT grading systems have gained a strong reputation all over the world with respect to grading difficultly shaped and sensitive fruits/vegetables including apples, pears, ripe tomatoes, etc. In the design process, we give priority to accurate results and soft treatment rather than maximizing tonnes/hour capacities. This design starts with bringing your product to the grader in the most fruit-friendly way.

From the dry or wet feeding system all the way to the sorted product in the crate or box, every step has been carefully studied in order to minimize and optimize transitions.



COMPLETE SOLUTIONS

Our expertise!

In collaboration with our specialized partners, we supply complete solutions for feeding, grading and packaging of a large variety of round and oblong fruits and vegetables.

The first and important step is meeting with our experienced dealer/distributor to identify the grading parameters and identify your specific requirements and wishes.

The result is a custom-built configuration that accommodates your needs regarding feeding options, grading capacity, grading modules and packaging.





MGS

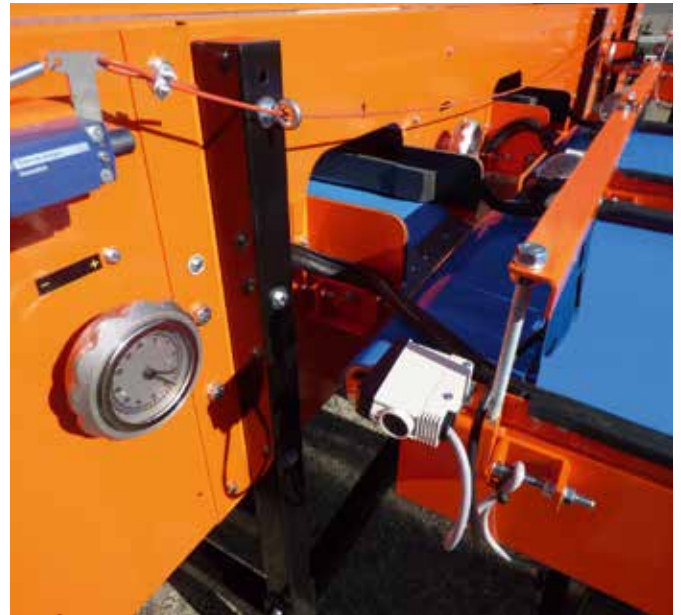
Mechanical weight systems

Because of its simple construction and great reliability, the PERFECT mechanical grading machines have, for many years, been an economical option for smaller or starting growers.

The weight of each product is individually determined by a mechanical scale; settings are easily changed by turning the weighing clock at each exit.

Systems available with 2, 3 or 4 lanes for capacities up to approximately 3 tonnes/hour.

- Affordable
- Product friendly
- Reliable





UNI-CUP

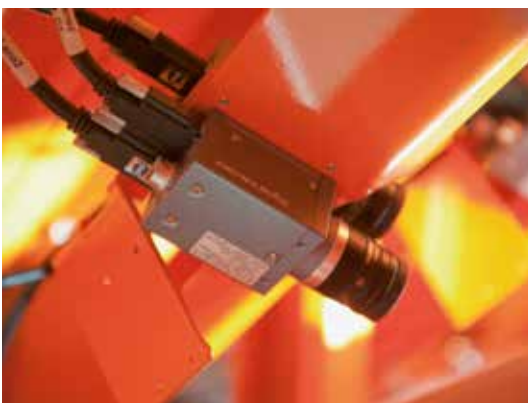
Electronic-optical systems

Uni-Cup sorting systems combine most fruit-friendly handling of a wide range of fruits and vegetables with very accurate electronic-optical measurement results.

Systems available with 2, 3 or 4 lanes for capacities up to approx. 4 tonnes/hour.

Grading parameters: Size, colour.

- Product friendly
- Proven technology; durable, reliable
- User friendly
- Cutting-edge TrueSort® software
- Real-time online support by PERFECT technicians





UNI-GRADER

State-of-the-art electronic-optical systems

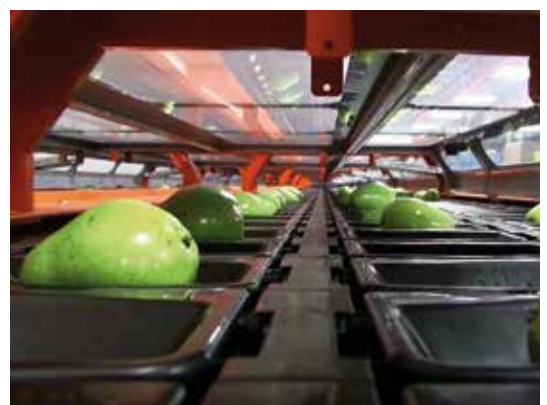
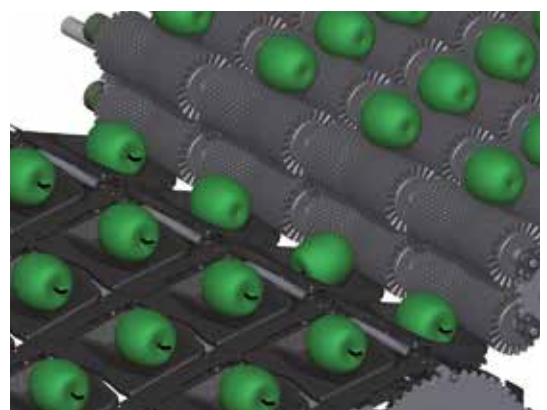
Advanced cup grading system, the result of decades of intensive study and design. Especially suited for difficultly shaped and most delicate products like (Conference) pears, ripe tomatoes, etc.

Besides highly accurate measurements and extremely gentle handling, Uni-Grader systems stand for easy control, easy servicing and very low noise emissions.

Systems available with 2, 3, 4, 6 or 8 lanes for capacities up to approximately 10 tonnes/hour.

Grading parameters: Weight, size, colour/blush and external defects.

- Ultra-modern technology
- Most gentle handling
- Very accurate electronic weighing system
- Cutting-edge TrueSort® software
- Low noise level
- Low power consumption
- Easy maintenance/cleaning
- Real-time online support by PERFECT technicians





HIGHLY ACCURATE RESULTS

Grading modules

PERFECT electronic-optical sorting systems are equipped with the user-friendly, Windows-based TrueSort® grading software. A team of specialists is constantly developing high-standard, easy-to-use modules and modifications to optimize your grading process and efficiency.

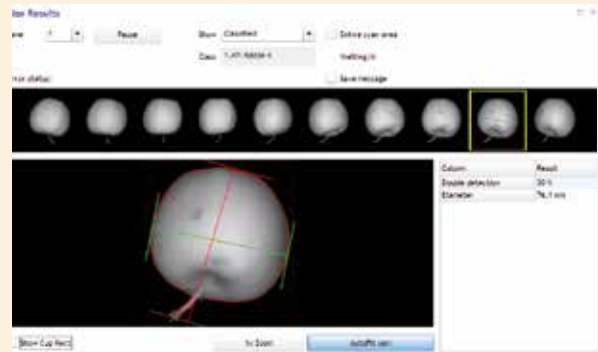
There are a large number of grading modules available, depending on the specific product.

Electronic weight

One thousand measurements per second ensure reliable, consistent and optimally accurate results.

Size (diameter)

Unique, highly accurate software guarantees the exact diameter. Instead of an average result of all the scans, the system will select the most accurate measurement among all visual registrations.

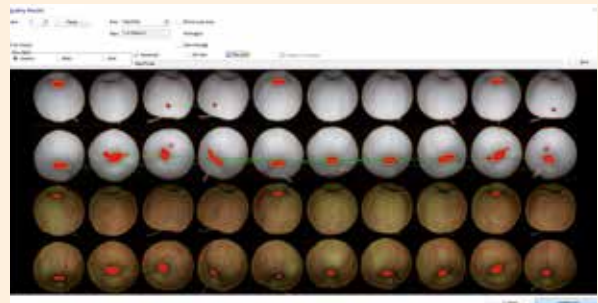


Colour/blush

Grading on basic colour or by blush%.

External defects (EDS system)

Detects fruits that do not meet visual quality parameters. Easy adjustment, plug and play, no need to train the system.



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