

FUTURA electronic grading systems are the perfect combination between experience and innovation. Our staff's experience helps us understand our clients' needs, while the desire of innovation encourages the study of new solutions in order to reach the highest precision and accuracy. Our electronic grading systems can sort fruit according to weight, size and color. These parameters can be employed individually or combined.

The efficiency of our machines is not our only concern: we believe that it is also important for them to be user friendly. In fact, our computers are characterized by a simple and intuitive graphical user interface with plenty of functions, such as products' traceability, remote connection with FUTURA staff for support and assistance. We also offer direct connection with smartphone and tablet through the App Futura Grading, which lets our customers monitor their graders from afar.

LOGIKA

Electronic Grader



WE TAKE CARE OF YOUR FRUITS



Design

Our staff takes care of all of our customer's needs, following their projects from the early design phase to the production line.

Perfect Solutions

FUTURA will work on the exclusive study of the machineries, so as to meet the needs of a variety of production capacities. We have the perfect solution for each type of fruit and vegetable!

Delivery

FUTURA takes care of all the stages of delivery starting from its organization, including assembly, testing and training of our client's personnel.

Assistance

We believe that, in order to achieve a successful sale and guarantee mutual satisfaction with our customers, it is paramount for us to ensure a complete post sale service performed directly by our experienced personnel.



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LOGIKA CENTRAL DISCHARGE

Logika - Central Discharge is the most suitable sorting solution for medium - high production rates. In fact, it offers the possibility to work with a number of lines that can vary from 2 to 8 (in pairs). The optimal filling rate of our trolleys, which is up to 90-95%, guarantees a very high production capacity. Like any grading system by Futura, Logika - Central Discharge caters to a wide range of needs. The flexibility of this line, the attention to the details and the high-quality materials employed ensure a top-quality performance and the gentlest handling of your fruits.



TECHNICAL FEATURES

GRADING METHODS

Weight, Diameter, Colour

RANGE OF WORKABLE PRODUCTS

Apples, Pears, Peaches, Flat Peaches, Plums, Apricots, Citrus Fruits, Dates, Peppers, Avocados, Mangos, Fragon Fruits, Potatoes, Tomatoes, Garlic, Onions, Persimmons, Pomegranates.

TROLLEY PITCH

Pitch 76 mm, 95mm, 114mm , 152 mm , 190 mm

NUMBER OF WORKING LINES

2, 4, 6, 8

WORKING

from 6 to 15 fruits / sec / line

STRUCTURE

Extruded aluminium painted profiles, galvanized iron or Stainless Steel AISI 304

TYPE OF DISCHARGE

CENTRAL, on belt through flap, brushes or slipway

INCLUDED ACCESSORIES

Remote diagnostics through modem, Processing statistics, Possibility to set the product outputs on number of pieces or package weight basis

FURTHER ACCESSORIES

Labeling machines control, Interfacing with traceability systems, Automatic device for trolleys washing and cleaning, Auto speed setting based in machine capacity.



WEIGHT DETECTION

Our graders are designed to measure the weight of a wide range of fruits. They detect the weight of each fruit through load cells in stainless steel and chrome-plated housings. Our system guarantees optimal precision even with the highest production rates

DIAMETER AND COLOUR DETECTION

Our graders detect diameter, shape and color of each fruit through a box with a led lightning system and a high resolution camera for each working line

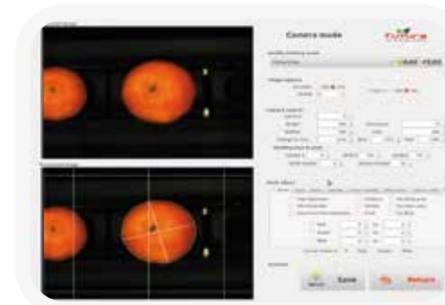


PRE-ALIGNING SYSTEM

The pre-aligning system is composed of V-shaped transport channels in stainless steel AISI 304, with two differential speed belts for each channel. Its aim is to best align the fruits before they enter the grading machine.

SINGULATION SYSTEM

It is the key element of our machines, determining the filling rate of the grader. Its two inclined metal sheets covered with soft rubber transport the fruits into the trolleys and guarantee the optimal singulation of each fruit.



EXIT AND DISCHARGE SYSTEM

The fruit is discharged from the trolleys through computer-controlled solenoids. They tilt the trolleys and release each fruit on an accompanying curtain and down onto the outfeed belt.

