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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futura-technology.com
futura-grading.com

futura fruit technology equipment
Logika - Lateral discharge is the ideal sorting solution for low production capacities. The excellent machine filling rates guarantees high productivity, but minimum amount of space occupied due to the employment of only one or two working lines.

Like any grading system by Futura, Logika - Lateral 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.

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.

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 lighting system and a high resolution camera for each working line.

SYSTEM OF EXITS AND DISCHARGE
The fruit is discharged from the trolley through computer-controlled solenoids. They lift the trolley and release the fruit directly on the collection tanks.

TECHNICAL FEATURES

GRADING METHODS
Weight, Diameter, Colour

RANGE OF WORKABLE PRODUCTS

TROLLEYS PITCH
Pitch 78 mm, 95mm, 114 mm, 152 mm, 190 mm

NUMBER OF WORKING LINES
1, 2

WORKING
from 8 to 15 fruits / sec / line

STRUCTURE
Extruded aluminum profiles with painted and galvanized iron or Stainless Steel AISI 304

TYPE OF DISCHARGE
LATERAL, directly into collection tanks

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 on machine capacity.