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.

For request:
Omar Papi
m. +39 345 4311724
omar.papi@futura-technology.com

FUTURA s.r.l.
Registered Office
Via Paleocapa, 8
20121 Milano - Italy

Operational Headquarter
Via R. Mattioli, 75
47522 Cesena (FC) - Italy
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.

**PRE-ALIGNING SYSTEM**
This 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 lightning system and a high resolution camera for each working line.

**EXIT AND DISCHARGE SYSTEM**
The fruit is discharged from the trolleys through computer-controlled solenoids. They lift the trolleys and release each fruit on an accompanying curtain and down onto the outfeed belt.

**TECHNICAL FEATURES**

**GRADING METHODS**
Weight, Diameter, Colour

**RANGE OF WORKABLE PRODUCTS**

**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.