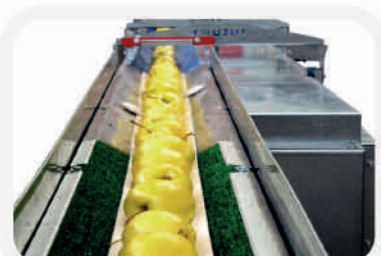


Electronic Grading Lines

Futura graders offer complete modularity and adaptability to meet any grading requirement. For lower capacities, we provide 1- and 2-lane lateral discharge options, while for higher capacities, we offer 2, 4, 6, and 8-lane central discharge configurations. Depending on the type of products and desired grading methods, the grading machines are equipped with transport trolleys in either cup or roller form. These trolleys are meticulously designed in various shapes and sizes to accommodate different types of products.



PRE-ALIGNING SYSTEM

The pre-aligning system consists of V-shaped AISI 304 components, equipped with two distinct speed belts for each channel. Its primary objective is to efficiently align the products prior to their entry into the grading machine.

SINGULATION SYSTEM

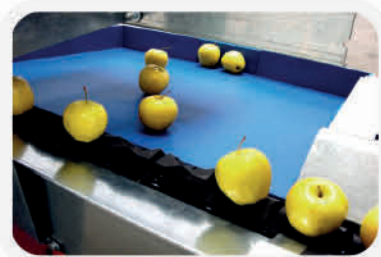
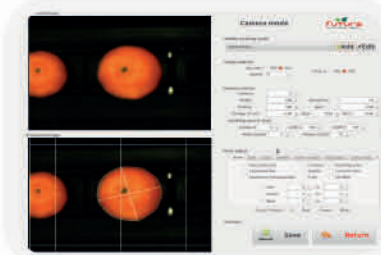
The key element of our machines, which plays a crucial role, involves the utilization of metal sheets covered with soft rubber. These specially designed sheets transport the products into the trolleys, ensuring optimal singulation and precise handling of each individual item.

WEIGHT DETECTION

Our graders are specifically designed to accurately measure the weight of a wide range of products. They detect the weight of each individual product using high-quality load cells constructed from stainless steel and chrome-plated housings. Our system ensures optimal precision even when operating at the highest speeds.

DIAMETER, COLOUR AND EXTERNAL QUALITY DETECTION

Our graders detect diameter, shape, colour and loose skin of each fruit through a box with a led lighting system and a high resolution camera for each working line.



OUTLETS AND PRODUCTS DISCHARGE

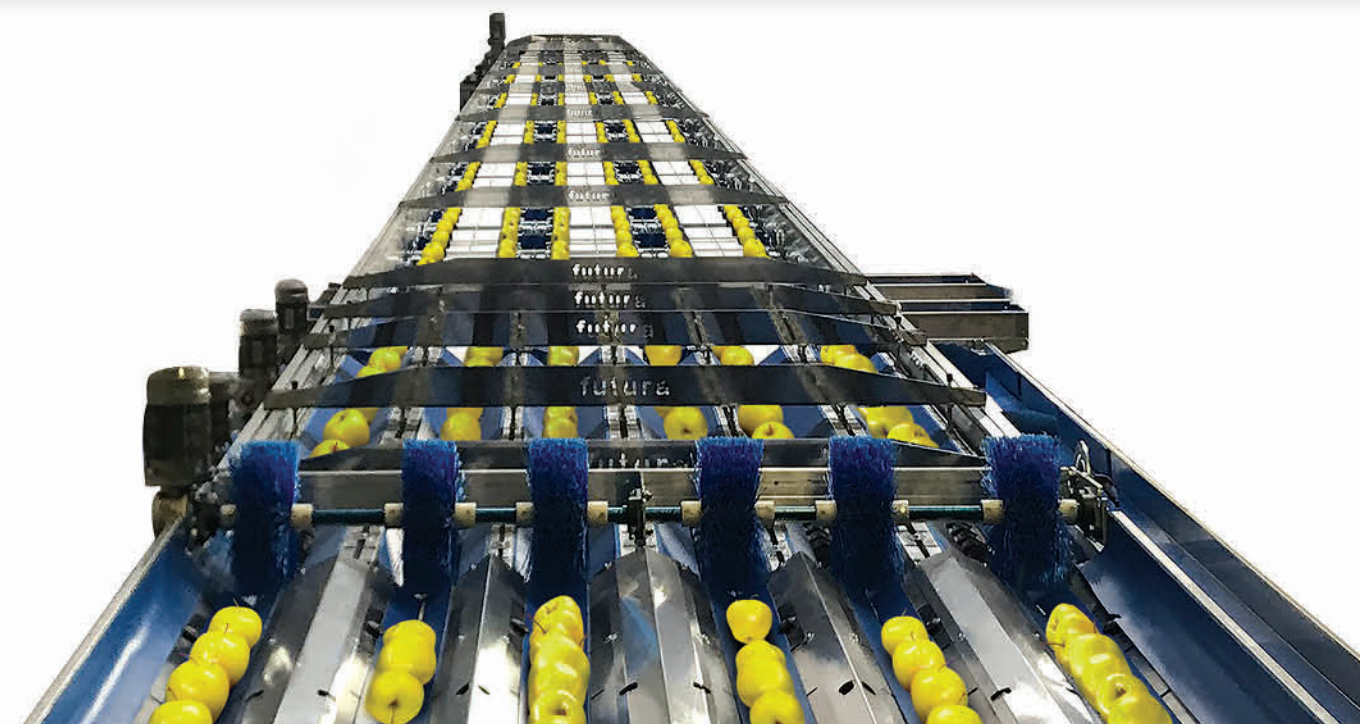
The products are seamlessly discharged from the trolleys using computer-controlled solenoids. These solenoids expertly tilt the trolleys, allowing each product to gracefully descend onto an accompanying curtain before smoothly landing on the outfeed belt.



DISCOVER OUR FRUIT GRADING WORLD



Enjoy the Best Italian Quality



futura-grading.com

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FUTURA s.r.l.

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Via Paleocapa, 6
20121 Milano - Italy

Operational Headquarter
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47522 Cesena (FC) - Italy

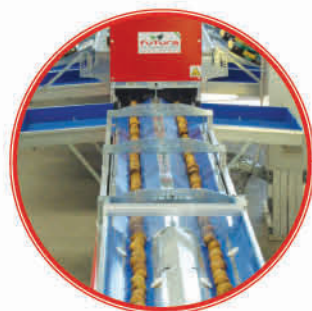
Futura is an Italian company leader in the production of fruit grading and packaging lines. We provide lines tailored to our customers' needs, which can be efficiently employed in every production environment: from the biggest to the smallest.



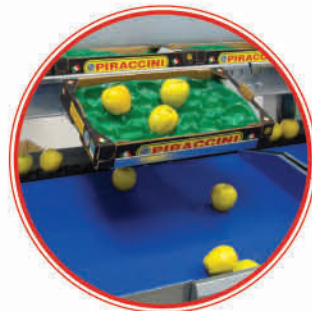
Turn Key Solutions



EMPTY BOXES
FEEDING



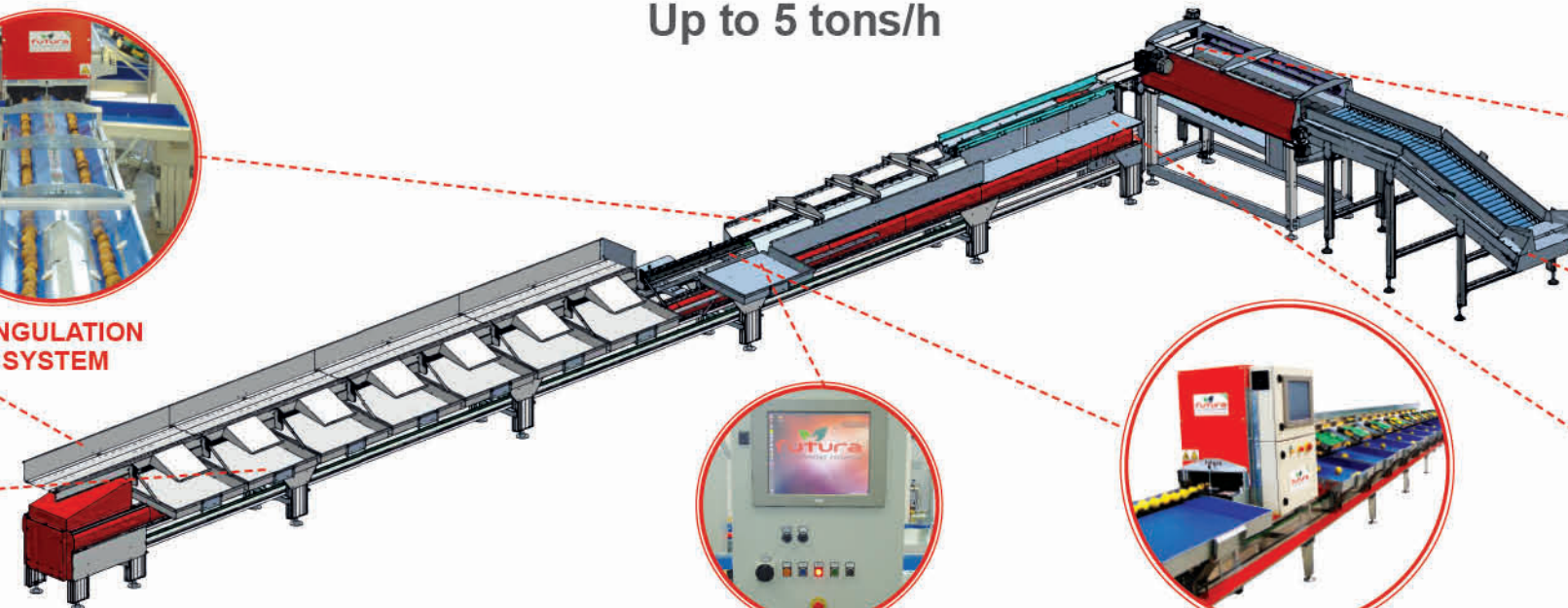
SINGULATION
SYSTEM



PRODUCTS OUTLETS AND
PACKAGING SYSTEM

FRUITS AND VEGETABLES GRADING AND PACKING LINES

Up to 5 tons/h



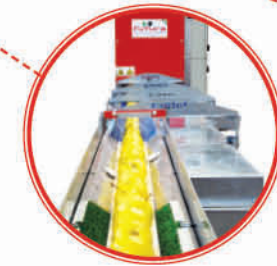
WASHING, BRUSHING
AND DRYING SYSTEM



MAIN CONTROL SYSTEM WITH POSSIBILITY
OF REMOTE TECHNICAL SUPPORTS



ELECTRONIC GRADER
1-2 LANES

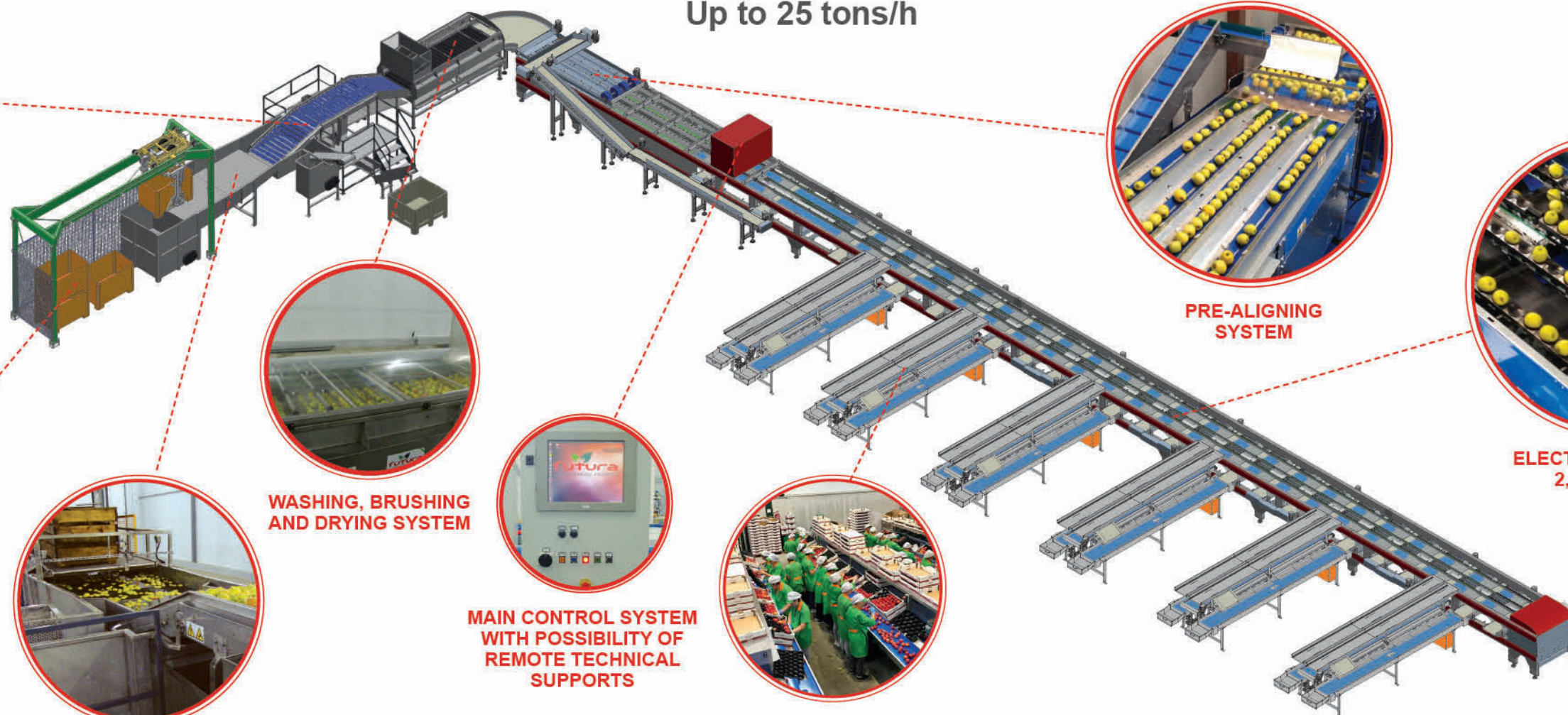


PRE-ALIGNING
SYSTEM



FEEDING AND
SELECTION SYSTEM

Up to 25 tons/h



ROLLER BENCH AND
FIRST SELECTION



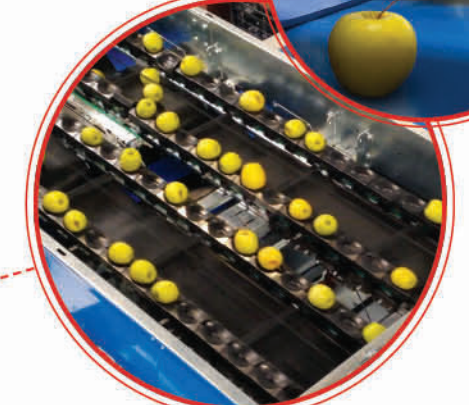
WASHING, BRUSHING
AND DRYING SYSTEM



MAIN CONTROL SYSTEM
WITH POSSIBILITY OF
REMOTE TECHNICAL
SUPPORTS



PRE-ALIGNING
SYSTEM



ELECTRONIC GRADER
2,4,6,8 LANES



WET OR DRY AUTOMATIC
BINS DUMPING SYSTEM



WATER TANK



DOUBLE SIDES
PACKING TABLES