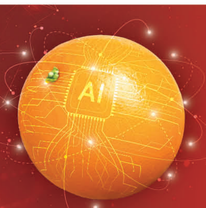
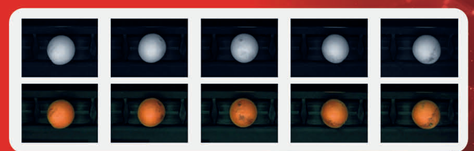
ELECTRONIC GRADERS FOR FRUITS AND VEGETABLES

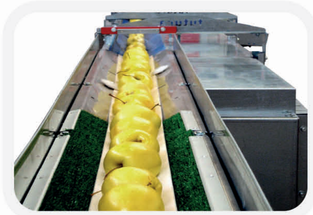
Futura graders offer complete modularity and adaptability to meet any grading requirement.
For lower capacities, we provide 1- and 2-lane lateral discharge options, while for higher capacities, we offer 2, 4, 6, and 8-lane central discharge configurations. Depending on the type of products and desired 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.

Fruits have no more secrets



OUR AI LOOKS WHERE THE HUMAN EYE STOPS.
Precision, speed, simplicity: our new AI-based system is revolutionizing fruit quality control.





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.

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

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.

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.

futura
fruit technology equipment

futura-grading.com

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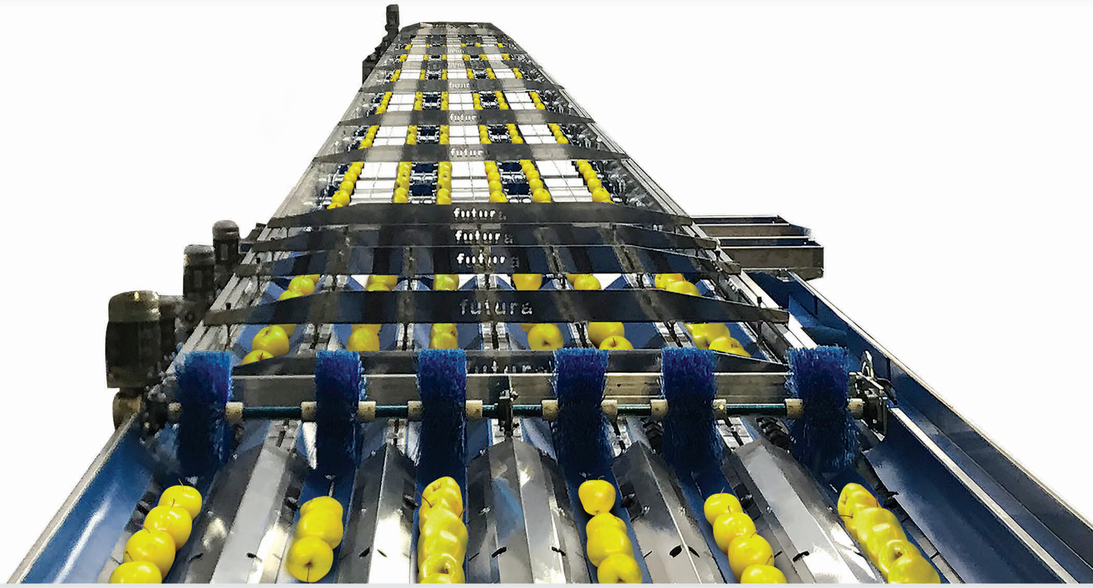
DISCOVER OUR FRUIT GRADING WORLD

Enjoy the Best Italian Quality



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 ever production environment.
Advanced AI is at the core of our innovation, powering real-time external quality inspection that detects even the smallest imperfections with speed and precision.

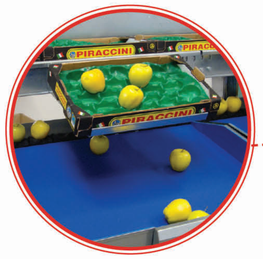
Turn Key Solutions

FRUITS AND VEGETABLES GRADING AND PACKING LINES

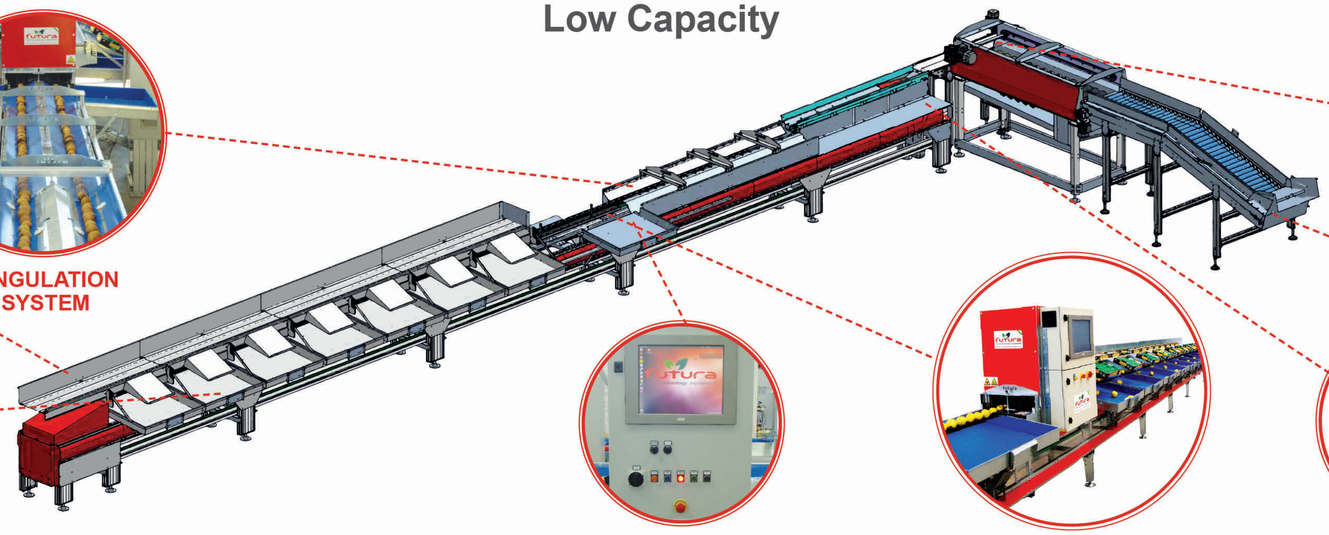
Low Capacity

EMPTY BOXES FEEDING

SINGULATION SYSTEM



OUTLETS AND PACKAGING SYSTEM



MAIN CONTROL SYSTEM WITH POSSIBILITY OF REMOTE TECHNICAL SUPPORTS

ELECTRONIC GRADER 1-2 LANES

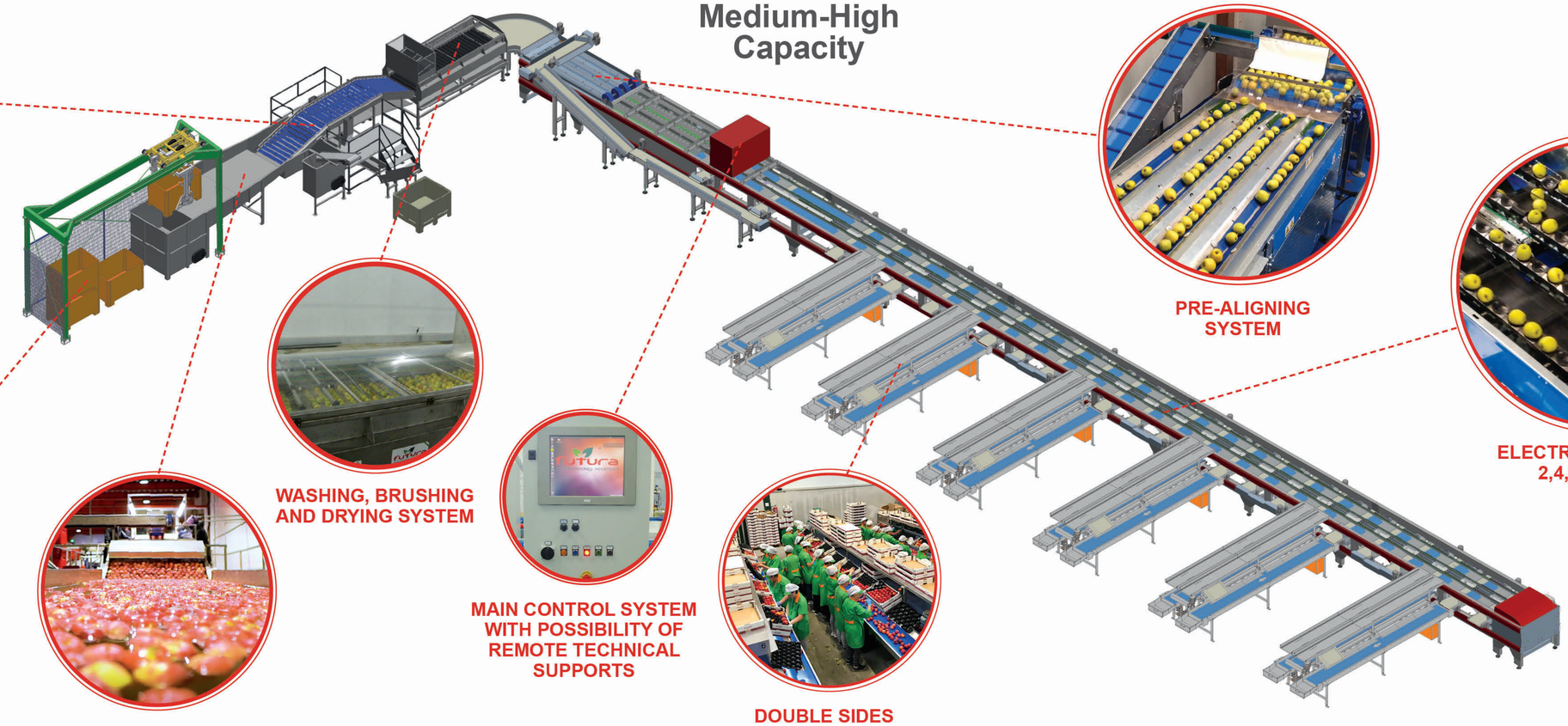
PRE-ALIGNING SYSTEM

WASHING, BRUSHING AND DRYING SYSTEM

FEEDING AND SELECTION SYSTEM

Medium-High Capacity

ROLLER BENCH AND MANUAL INSPECTION



WET OR DRY AUTOMATIC BIN DUMPER

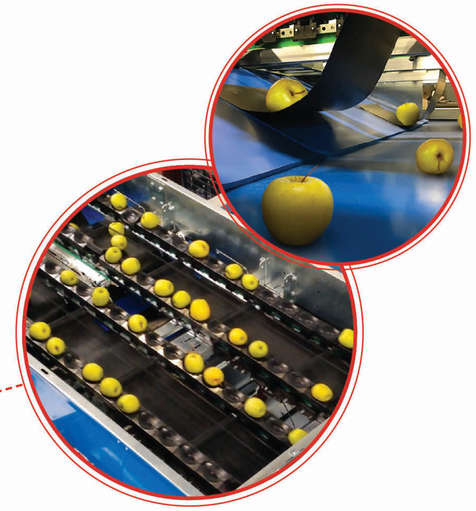
WATER TANK

WASHING, BRUSHING AND DRYING SYSTEM

MAIN CONTROL SYSTEM WITH POSSIBILITY OF REMOTE TECHNICAL SUPPORTS

DOUBLE SIDES PACKING TABLES

PRE-ALIGNING SYSTEM



ELECTRONIC GRADER 2,4,6,8 LANES