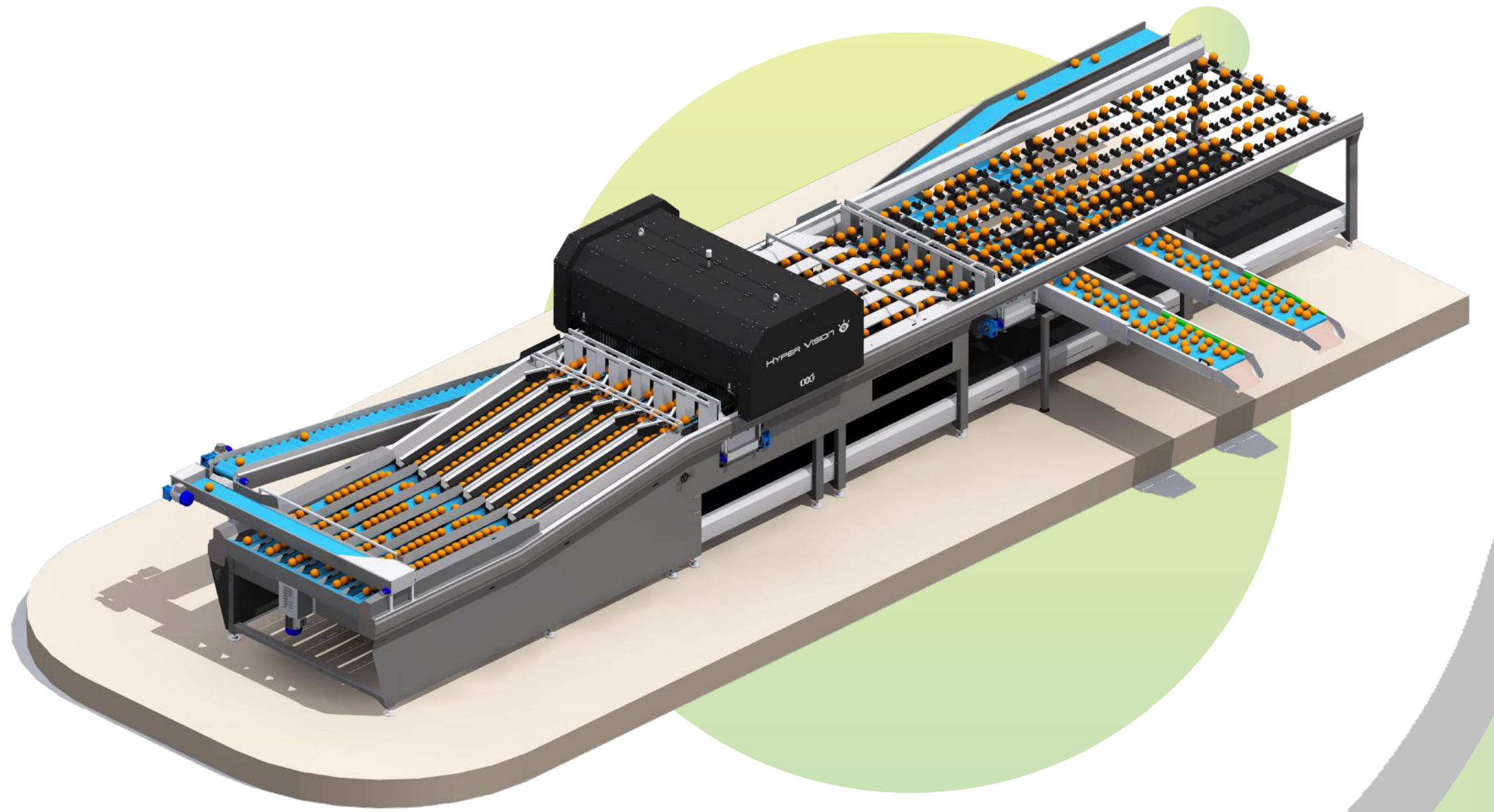


# Optical Sorting Line



# H Y P E R   V I S I O N

# Hyper Vision – Optical Sorting Line

## Ideal for



Citrus fruits



Stone fruit



Tomatoes



Kiwi



Potatoes



Apples



Pomegranates



Mango



Avocado



Pears



Persimmon

## Hyper Vision – Optical Sorting Line



**Analysing up to  
15 fruits per second/line  
and processing up to  
108 images per fruit!**



**Making for a total of 1620  
shots per second/line**



# Hyper Vision – Optical Sorting Line



**360° VIEW**



**PCS PROCESSOR/LINE**

3.7GBytes of information in real time



**9 VIDEO CAMERAS/LINE**





# Sormatech M

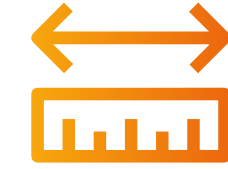
The new optical sorting machine  
for **mango** and **avocado**

# Sormatech M



**High speed**

Up to 8 fruits/second per line



**Medium/small and  
medium/large size products**



**360° inspection**

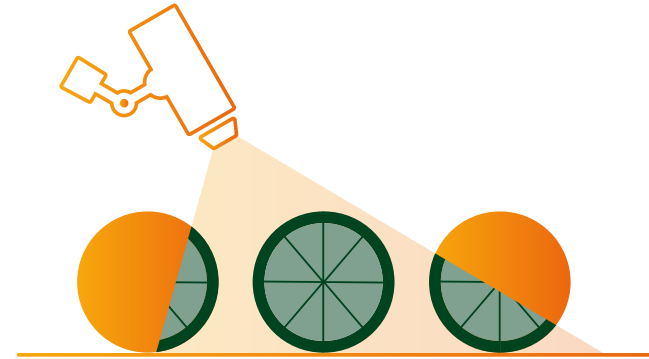
# Sormatech M



**High precision weighing system**



**2 load cells/line with simultaneous contact**



**Internal and external quality**



**Innovative fruit feeding system, V-shaped belts, with independent, automatic speeds**



# Sormatech Z

## Our new carriers



## Sormatech Z – Our new carriers



**High Speed**

Up to 15 fruits/second



**Min & Max  
rotation**



38mm

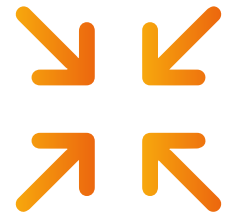


110mm

**Sormatech**

Applicable in  
**all Sormatech platforms**

## Sormatech Z – Our new carriers



Reduction in the **product offload** distance on the outlets, making the sorting machine **more compact**



**Cost saving**

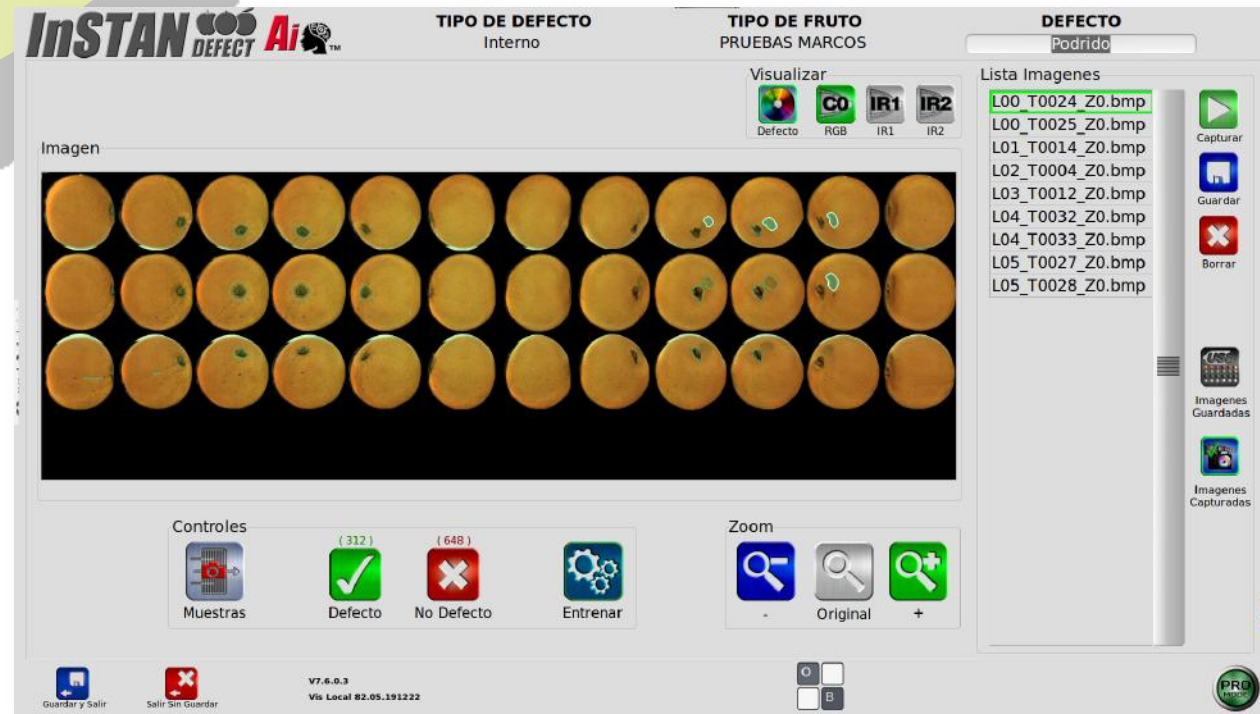


**Space saving in the warehouse**



**Rapid maintenance**

# Edit-Base



# Edit-Pro



# InSTAN DEFECT Ai

ARTIFICIAL INTELLIGENCE FROM SORMA GROUP

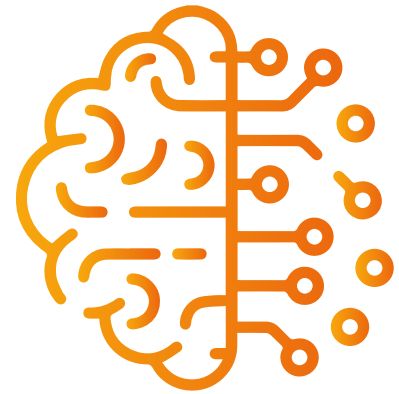
## Our new software



[www.sormagroup.com](http://www.sormagroup.com)



## InstanDefect AI – Our new Software



- **Artificial Intelligence and Deep Learning Systems**  
Unprecedented grading of fruit calyxes/peduncles together  
**Excellent detection** of external and ripeness defects  
Enables customers to modify and/or fine tune working programs over time

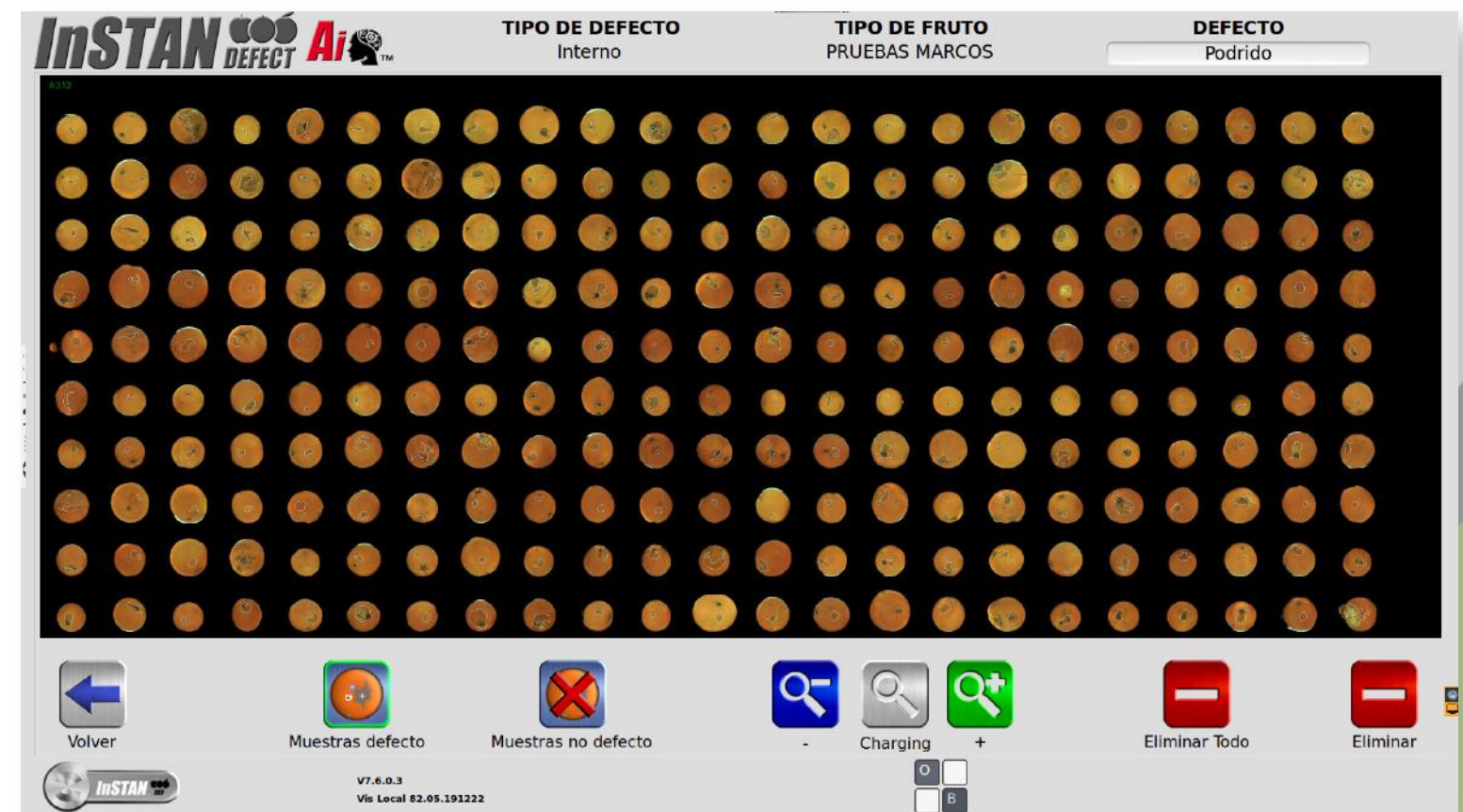
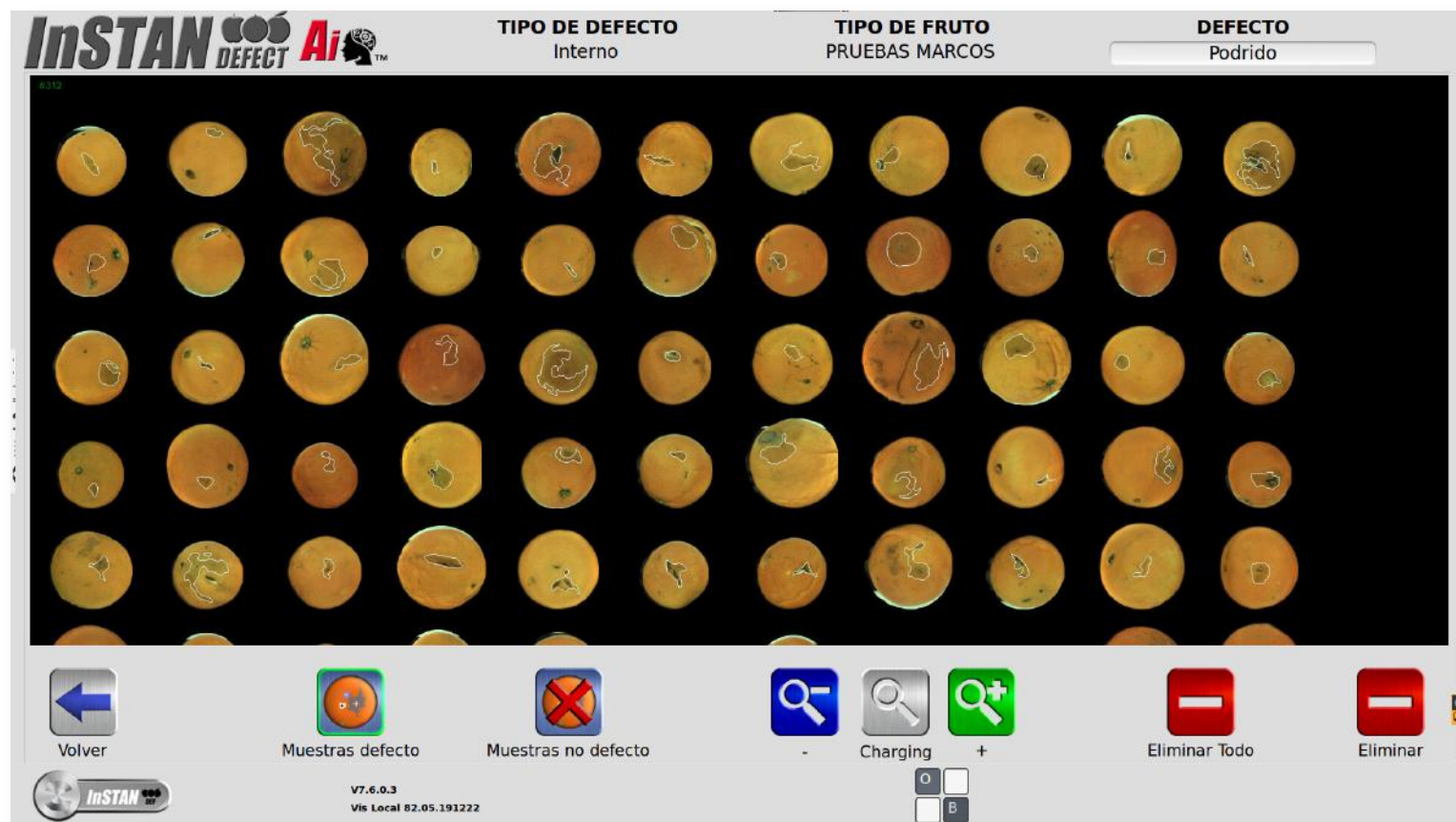


- **Industry 4.0**  
Self-learning systems

# InstanDefect AI - Our new Software



- **Two intuitive interfaces**  
Edit-Base & Edit-Pro
- **Great User-friendliness**  
No particular staff training is required for the standard interface



# Our goals

*Improve the performance* of our solutions

Provide the *very best support*

*Increase* process *automation* and *the efficiency* of the warehouse procedures



**Thank you!**

[www.sormagroup.com](http://www.sormagroup.com)