

**TROPICAL FRUIT
CONGRESS**

THE FIRST TROPICAL FRUIT SUMMIT IN EUROPE

AVOCADO PROCESSING SYSTEMS



CONTENT

- AWETA
- OVERVIEW
- MACHINERY
- TECHNOLOGY
- SERVICE
- BENEFITS
- PROJECTS

AWETA

Aweta was born in the Netherlands in 1966, out of one man's desire to help growers to accurately classify their vegetables.

Today, Aweta is recognized as a global technology leader in the market and has multiple locations around the world.

Turn-key solution provider

- Turn-key solutions for the grading and packing of fresh fruit and vegetables
- High tech sensors
- State-of-the-art user software
- 24/7 service support
- Customers in 50 countries
- Over 9000 installed machines



**ADDING
MOST
VALUE**



**BUYING WITH EYES,
ACCEPTING BY TASTE**

OVERVIEW

COMPLETE PACKAGE

- Infeed equipment
- Reliable machine for gentle handling
- High tech blemish system
- Internal quality sensors
- Packing and palletizing options
- User friendly control interface
- Service



MACHINERY - INFEEED

INFEEED EQUIPMENT (AUTOMATIC)

- Rotary tipper:
 - Up to 1500 crates/h
 - Constant flow and gentle product handling
 - Labor reduction
- Bin Tipper:
 - Dry
 - Wet



MACHINERY – SORTING MACHINE

ROLLERSTAR

- Designed for the Hass variety
- Rotation, weighing & ejecting integrated in one carrier
- Gentle fruit handling
- Automatic chain tensioning system



MACHINERY – SORTING MACHINE

CUP 225

- Designed for larger varieties
- Suitable for long and round products
- Gentle fruit handling
- Optimal presentation towards camera system.



MACHINERY - PACKING

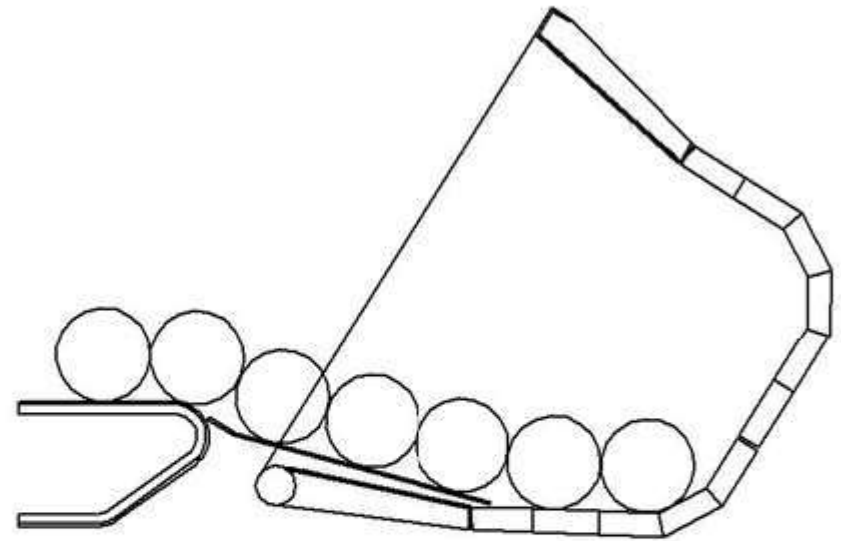
PACKING OPTIONS

- Packing table
- Packing station
- Automatic Box filler
 - Count - Weight



AUTOMATED PACKING (FLEXFILLER)

- Gentle automated packing
- Labor reduction
- Exact filling in kg or pieces
- No manual touch on product



AWETA TECHNOLOGY

AWARDED HIGH END TECHNOLOGY

- High technology sensors
- Software for optimal pack out, marketing tooling and differentiation
- Guaranteed quality specifications.
- Labor reduction
- Meeting high-end supermarket demands

TWIN VISION

EXTERNAL QUALITY

AFS SENSE

FIRMNESS

INSCAN

INTERNAL QUALITY

FLOWMASTER

USER INTERFACE



TWIN VISION

EXTERNAL QUALITY

TECHNOLOGY – TWIN VISION HYPERSPECTRAL

EXTERNAL QUALITY

Vision system technology based on:

- hyperspectral imaging
- artificial intelligence

DEFECTS

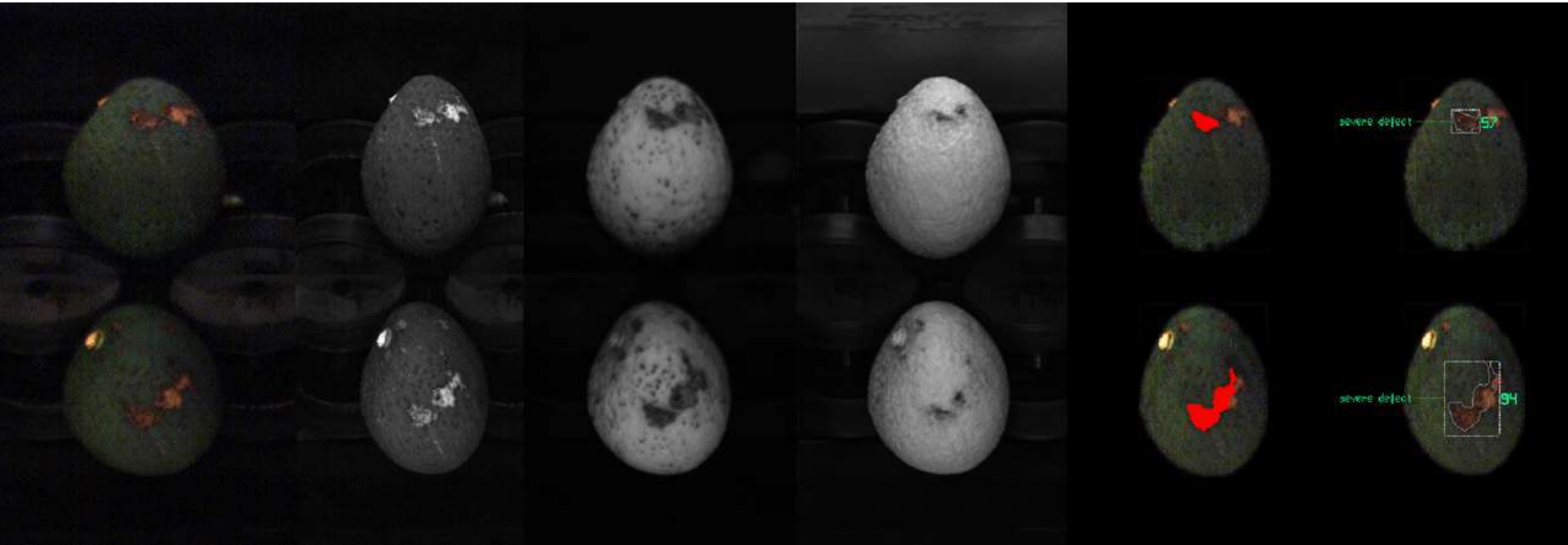
- Scarring
- Lenticel
- Mechanical damage
- Sunburn
- Anthracnosis
- Stem-end rot



TECHNOLOGY – TWIN VISION HYPERSPECTRAL

HYPERSPECTRAL IMAGING

- Differentiation between on skin defects and through skin decay
- Different sorting borders for defects and decay



TECHNOLOGY – TWIN VISION HYPERSPECTRAL

CLASSIFICATION

- Colors
- Dimensions





AFS SENSE

FIRMNESS

FIRMNESS MEASUREMENT AFS

- Our Acoustic Firmness Sensor (AFS) measures the firmness and elasticity properties of your product across the surface of the avocado, guaranteeing a global result instead of a local result.
- Firmness index: for a more precise, reliable and consistent result
- Acoustic Measurement: analyses the acoustic response
- Create uniform firmness batches





INTERNAL QUALITY



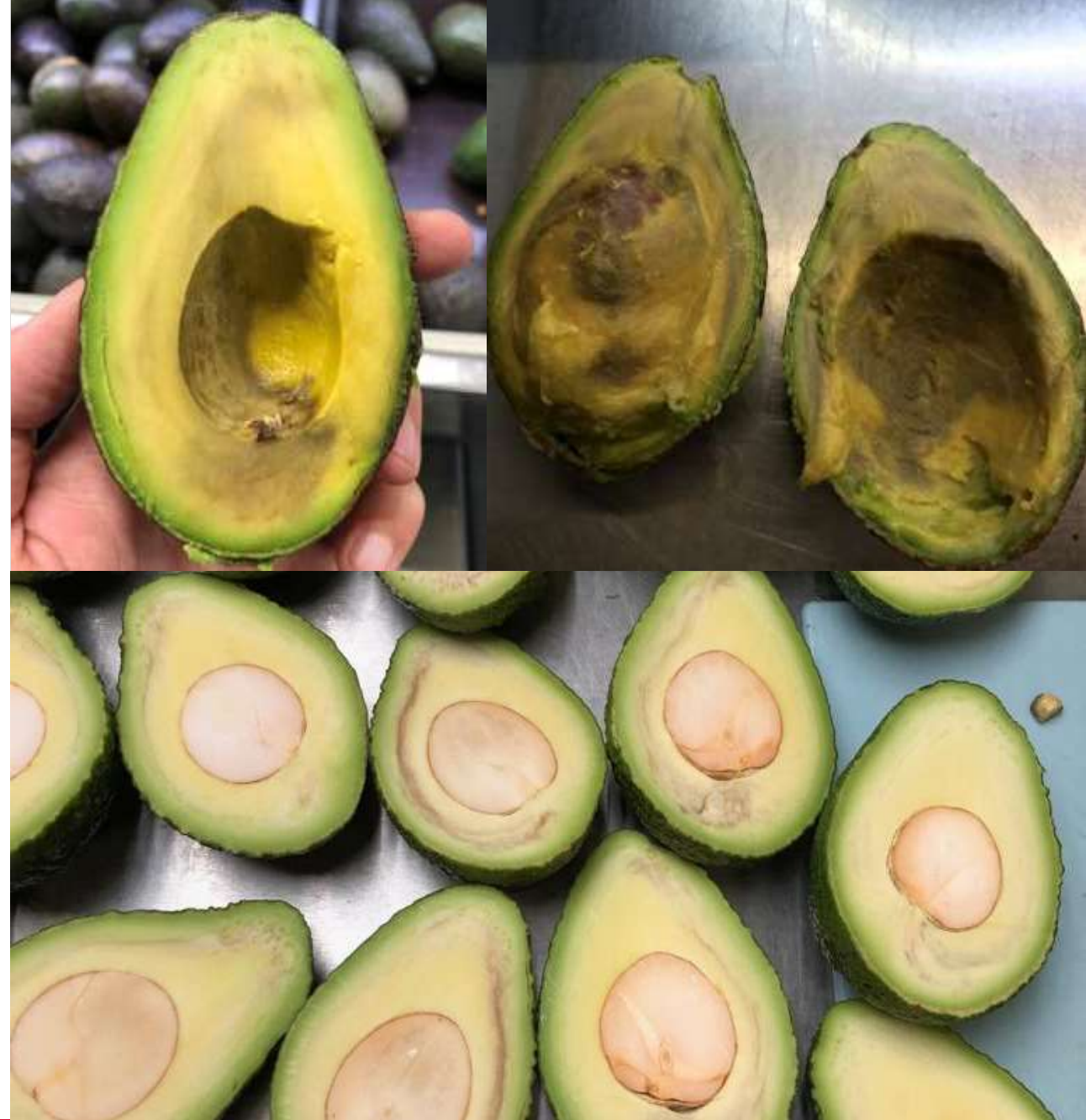
INTERNAL QUALITY

INSCAN PULSE

- Based on NIR (near Infrared) technology
- Guaranteed quality based on non-destructive measurement.
- Detection of internal physiological defects permits to reclaim good products from stocks containing unacceptable defect levels.

QUALITY ANALYSIS

- Dry matter
- Internal rot
- Physiological disorders
- Grey Pulp
- Internal Browning



QUALITY SORTING & INSCAN BENEFITS

- Quality sorting benefits
 - Real-time product quality monitoring and reduction of destructives tests that delivers weak statistical info
 - Decision tools for storage management/marketing
 - Extraction of niche products
 - Homogenous batches of external and internal quality
- Labor reduction
- Tracking tracing input/output
- Tool towards suppliers
- Meeting customer thus supermarket demand



FLOWMASTER

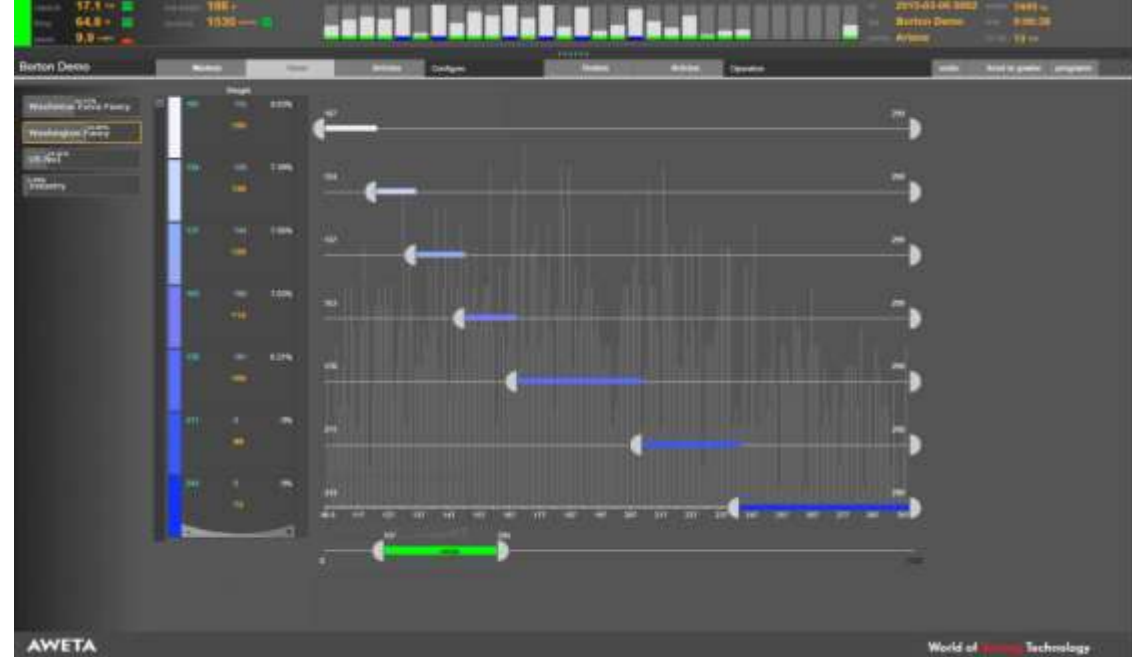
USER INTERFACE



TECHNOLOGY – FLOWMASTER

FLOWMASTER USER INTERFACE

- Very user friendly
- Intuitive
- Article based
- Feedback for operator
- Update features
- Multi screen setup
- Upload your company carton and own crate design

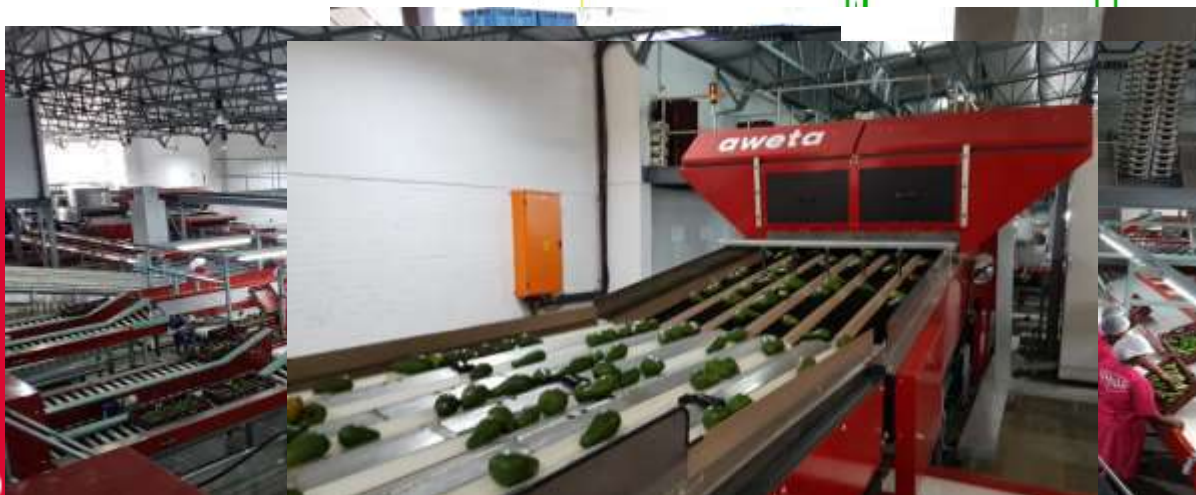
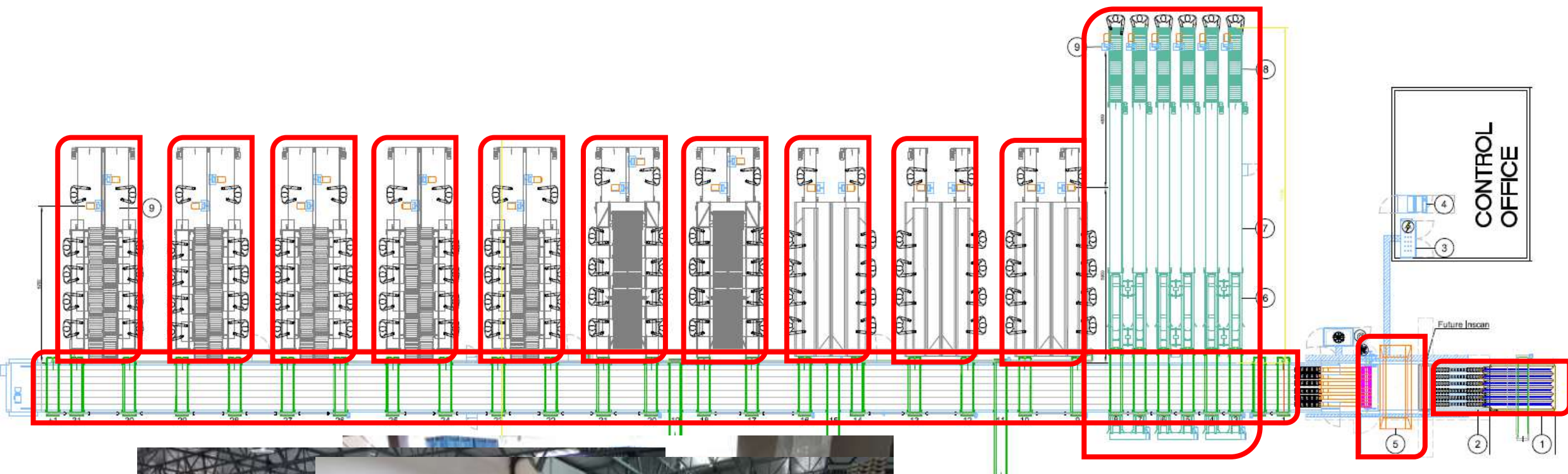


SERVICE

SERVICE NETWORK

- Local support
- Helpdesk support
- Service level agreement options
- Part stock
- Training center





RSA – CUP 6L TV-HS



MEXICO – 4 LANE ROLLERSTAR TV-INSCAN



RSA – CUP 6L TV-HS



AGRO
Merchants Group
WESTLAND, NL

BAKKER
Barendrecht, Holland

HAUSLADEN
Fruchthandels-gesellschaft mbH



eurolfresh



PACKED
WITH SATISFACTION

tfc

A BayWa Company

Cultivar



HALLS
EST 1890



mehadrin
Growers at heart

RN
RIPE NOW

Landgard



SATORI s.a.

la passion de l'exportation



BRATZLER & CO.
growing fresh ideas

GREENYARD

WORLDWIDE  **fruit**

MACK *fruit*

TROPS

millenium **TROPICAL**



coolcontrol
solutions, care and quality



THANK YOU!

And for any doubt or clarification,
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