



Robotic Bin with tipping function



Robotic Bin dumping in water

PALM Systems is a manufacturer of bulk crate fruit de-binning, infeed and rebinning systems for the apple and pear grading industry. Further we manufacture and supply, complete grading solutions, including: packaging machines and full product conveying to palletizers.

We also design, manufacture and install water treatment plants for the entire water flume systems.

Business partner:



ELISAN

Grading machines, Packing lines and Palletizers

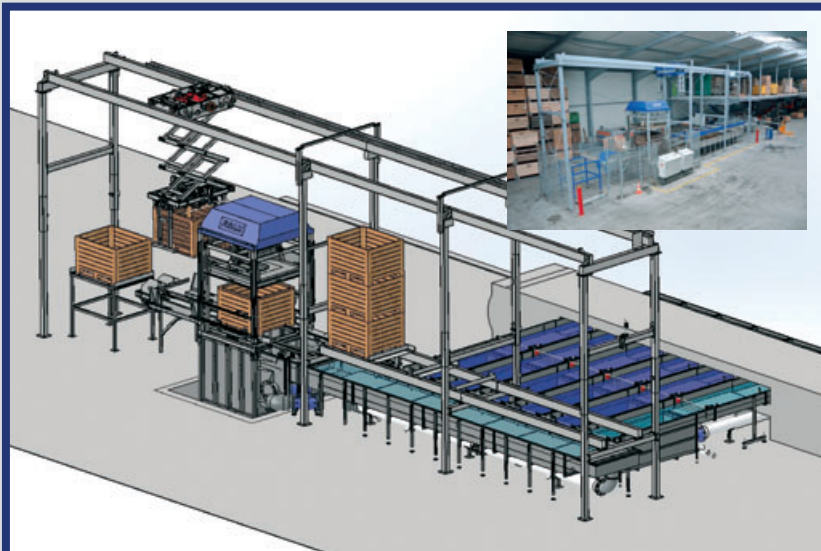


Software for Grading machines. Also for retrofit.



Robotic Bin tipping for two separate infeed flumes





Water rebinning with 6 short flumes

Water rebinning systems utilising short flumes

- Extremely small, multilayered fruit water canals
- Fruit capacity +/- 300 kg plus 50 kg in transit storage
- Very gentle rebinning at a rate of between 8.000 to 10.000 kg/hour
- The rebinning process is fully automated utilising robotic conveying
- The full crates are stored in graded parameters above the flumes to allow for drip time



Pear de-binning

Water treatment

- Bulk filter unit with quartzsand for solid and metal/mineral removal
- Bulk tank with carbon for agricultural pesticide removal
- Sterilisation of water by UV lamps
- Automated Carbon dioxide dosing



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