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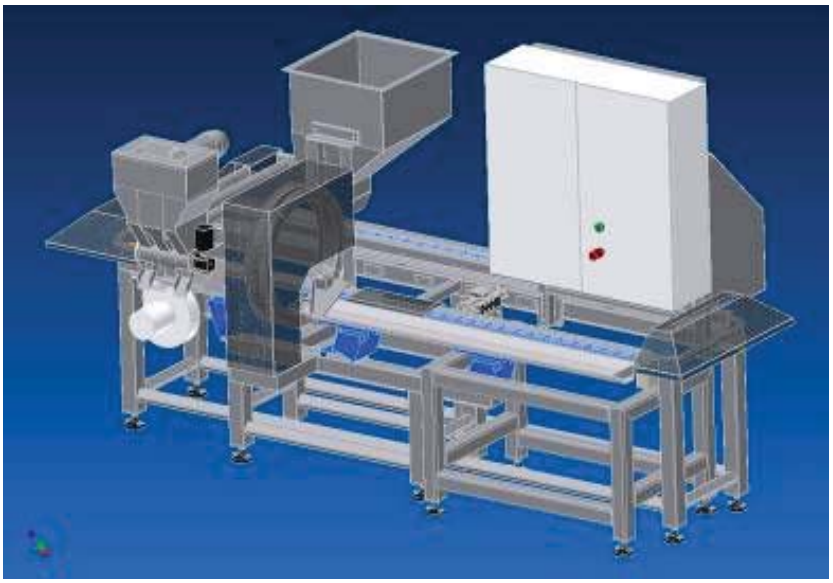
iXeed

Vision Seed Sorting Machine



iXeed Machine Platform

Consisting of:

- All electronic, pneumatic and mechanical parts necessary to handle, transport and sort seeds.
- Complete vision unit: Control cabinet with high resolution digital camera 1360 x 1024 and optimized lighting for seed analysis.
- PC -based control system
- Software enabling machine operation.

Specifications:

- Product hopper volume 200 litre
- 24 hours operation
- 17” monitor
- Dimensions 3.5 x 1.5 x 2.1 meter
- 30 seed trays/minute (25 seeds/second)
- Optional integration with factory network
- Interface in English

For further information contact:

Centor Oceania
“Your one stop global seed tech shop”

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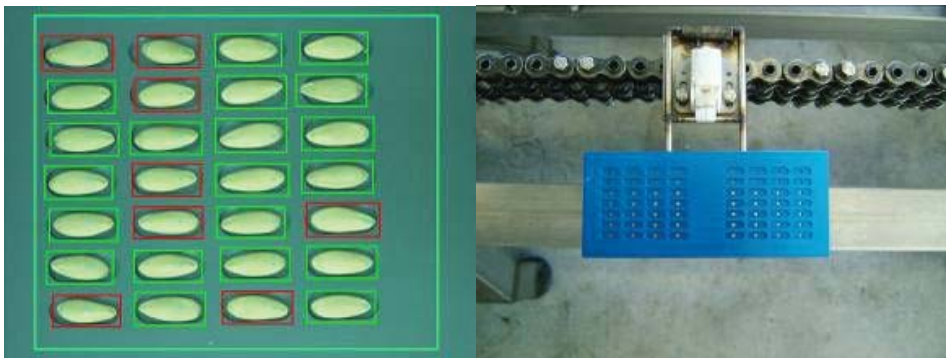
Cucumber sorting module



Consisting of:

- Lifetime license of cucumber analysis software for sorting cucumbers operation of the machine.
- 46 Seed carrier trays optimised for sorting cucumber seeds with the iXeed.
- Dimensions carrier cavities 4,5 x 11 x 2 mm[1]. Sizes of cucumber seeds should comply with cavity size.
- Capacity for 1000 sorting recipe's.
- Easily expandable if necessary.

Inspection features:

- Symmetry
- Dents
- Curves
- Surface
- Length
- Width
- Colour
- Deformations
- Mechanical damages
- Twists

Other characteristics:

- Teaching unit for easy development of analysis recipe's.
- Reusable recipe's for standardised and reproducible sorting.
- Performance feed back during sorting
- Performance comparable to existing iXeed machine.
- Output: 'reject', 'accept' and 'return for 2nd measurement'.
- In case of 2 seeds in 1 cavity the seeds are returned for 2nd measurement.

For the manual IMIX analyzer we have a special vacuum seeding system available.

[1] The iXeed was developed for an average range of commercially available cucumber seeds. Deviations in size may affect the applicability of default carriers.

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