



FULL AUTOMATIC GRADING LINE FOR ASPARAGU



Operating principle:

White or green asparagus is laid on the machine where it can cut it to the right length. By the washing part it is cleaned from both sides while the chains are holding the product. Asparagus is falling in the cups on the separation part where it is possible to control the singulation of the product. The vision system is measuring the asparagus on length, diameter, single and double curvature, forms and colours. The patented 3D measurement can measure the closeness of the head. The number of grading options for white and green asparagus are infinite. Customer can define which grading is send to which exit(s). People can take the asparagus out of the exit and put them in the boxes. The line can be adjusted to the customer requirements. From compact to industrial, surrounded by custom made logistic. Almost anything is possible, so the machine matches the way of working.

Film: <https://www.christiaensagro.com/en/products/asparagus#product-video-6>

Advantages:

- Separation control
- Custom made
- Uniform grading

Options:

Input belt, extension infeed part, extra spacing belt, several water recycling systems possible, extension separating part, Water cutting system, Barcode scanner, Multiple cameras and 3D measurement, light for filling rate measurement, weighing systems, making packages and mixing possibilities, integration peeling machine(s), small or big outputs, waste discharge systems, conveyor belts, roller conveyors, box plates, processing tables, custom made logistics.

Technical Data	
Length	Starting from +/- 8.000mm, depending on model
Width frame	+/- 800mm.
Height	+/- 2.000mm.
Filling and sorting height	+/- 900mm, adjustable
Length filling part	+/- 1.500mm, depending on model
Cutting length	+/- 200-260mm
Capacity	36.000 cups/h
Power Supply	16A 400V 50Hz 3f+pe
Drive	Electric/pneumatic
Frame	Stainless steel -304



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