



### SORTIFLEX InteGraded Pack Robots



#### Operating principle:

Christiaens Agro Systems specialist in grading lines for long shaped vegetables can enable its customers to sort, grade and pack its (mini)cucumbers and other products automatically and without dependence of human. Working together with expert companies on vision and robotic technology,

Christiaens Agro Systems developed a new concept to sort and pack automatically (mini)cucumbers in a high speed. With a completely automated robotic system, with the latest 3D vision and flexible robot pickers. This cell can pack (mini)cucumbers directly in multiple types of packages which are supplied automatically over 4 supply lines that are integrated into the machine.

The system is flexible and intelligent in such a way that cucumbers are packed automatically according to set sub-classes (maximum 12) based upon length, curvation and thickness, and for which the workload is divided over multiple robots working together and placing the cucumbers in the designated type of package.

Film: <https://www.christiaensagro.com/en/products/mini-cucumbers#product-video-11>

#### Advantages:

Uniform Product due to high grading quality with high capacity

Maximum flexible/possibilities in types packages and product specifications

Less Labour costs, availability, hygienic and reliability

#### Options:

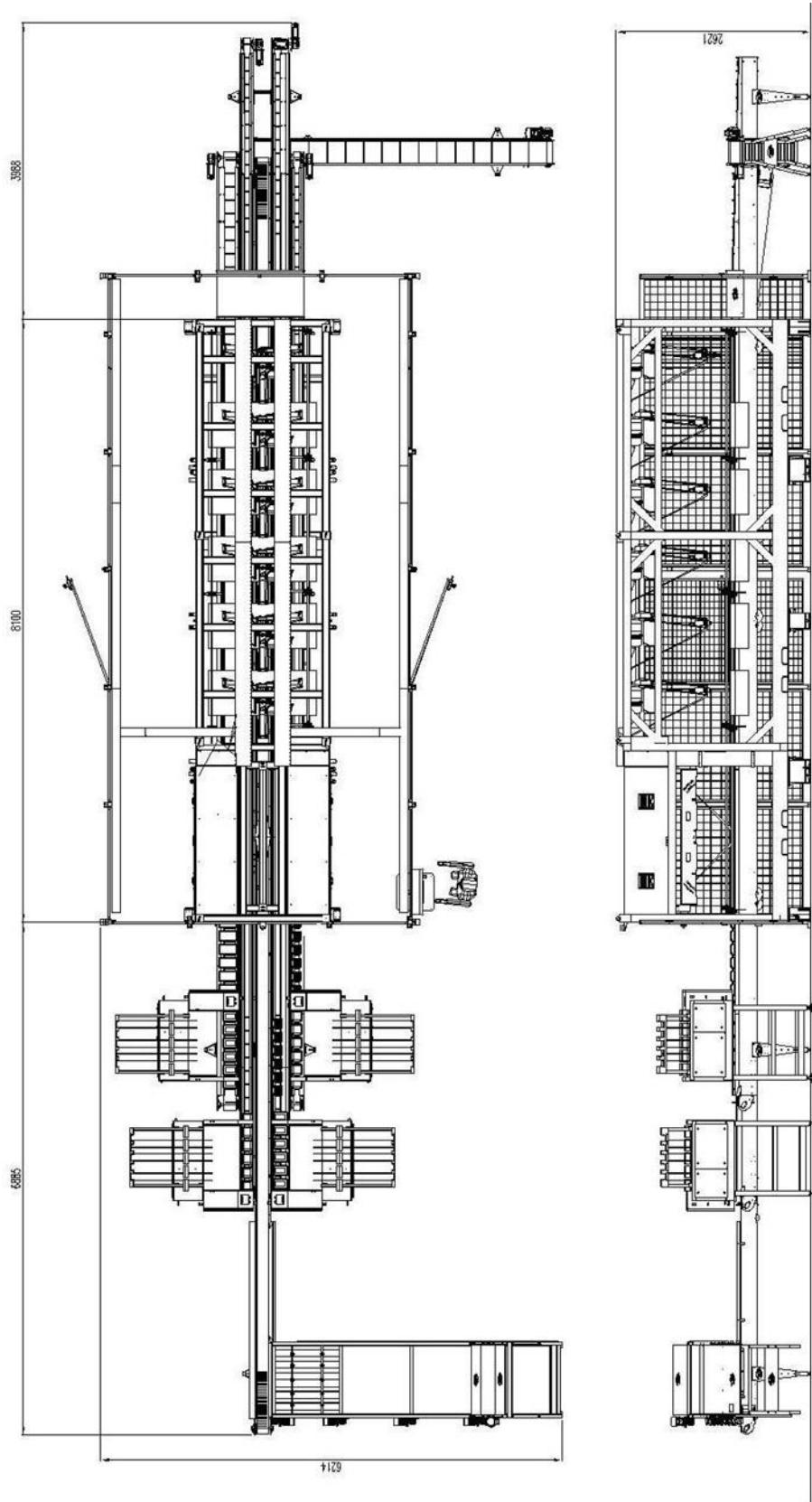
Logistics, Infeed system

Technical Data	
Length	Depending on setup
Length infeed	Depending on setup
Width	Depending on setup
Height	Depending on setup
Nr of Robots	2-6
Capacity	Till 20.000 pc/h
Power supply	Depending on setup





**Christiaens**  
Agro Systems



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Our products are subject to continuous development and improvement.  
Moreover, the machines are often adapted to meet the needs of users.  
This could mean that your machine does not exactly match the description  
given in the manual.