Christiaens Agro Systems

LASER SORTING LINE 3000/3750/5750
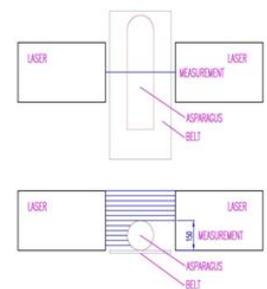

Operating principle

This machine is grading white and green asparagus on thickness and length with the most accurate laser technique.

First the asparagus will be washed and cut by the washing machine. The 2th class can be sorted out on the grading part. It's possible to use an existing washing machine. This has to be adjusted with a belt with cleats on a distance of 50mm. Also there has to be a wheel attached to the washing machine to make sure the asparagus falls separate on the laser sorter. On the sorting machine thickness and length is measured very accurate. Then the program sends the asparagus to the desired output. Several program settings can be made.

This machine is available in different types with exits in bins, belts or both. To get the highest capacity available in the market it's also possible to increase the capacity with a double laser grading system. The machine is built according the Christiaens construction method. This means very few wearing parts, so maintenance is kept to a minimum. Operation is very easy. Since 1996 this machine has proven to save lots of labour worldwide and increase uniformity of the asparagus.

Film: http://christiaensagro.com/en/asparagus/grading/semi-automatic/

Advantages

Most accurate measurement for green and white asparagus
Price friendliest automatic system
Very simple and easy to control and maintain

Options

Transport belts, Roller conveyors, Box plates, Processing and weighing tables, Customized logistic, Extra capacity 20%, Double capacity by using double Laser system.
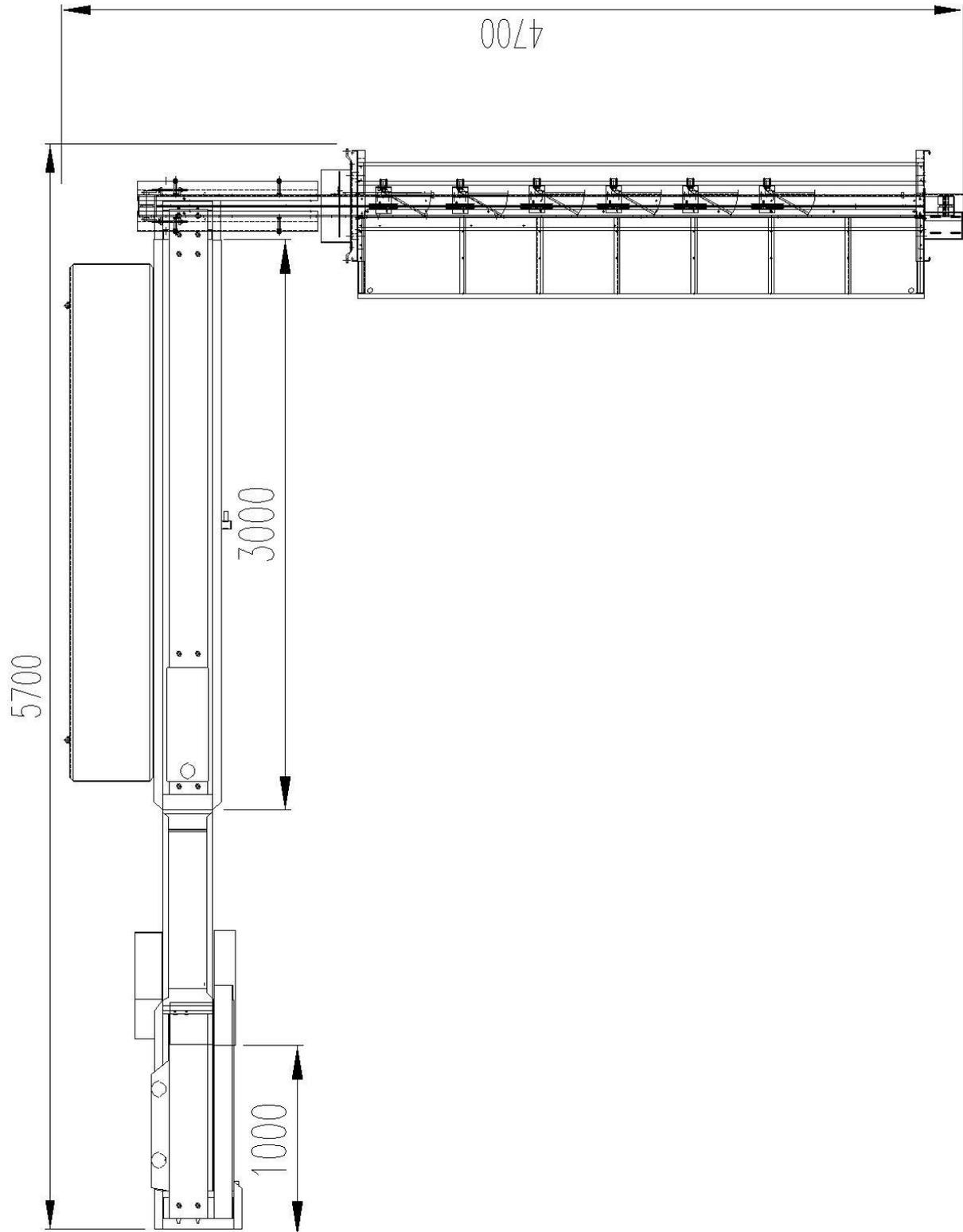
Technical Data	3000	3750	5750
Max capacity	8.000 pc/h	15.000 pc/h	21.600 pc/h
Exits in bins	6	4	0
Exits on belts	0	3	5-8
Length	4.300mm	5.500mm	8.300mm
Width	1.000mm	3.000mm	3.000mm
Height	1.800mm	1.800mm	1.800mm
Power Supply	400V 50Hz	400V 50Hz	400V 50Hz
Frame	SS304	SS304	SS304

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4700

5700

3000

1000

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.