



Christiaens

Agro Systems



LEEK PROCESSING MACHINERY

Operating principle

The machine is designed for cleaning leeks. The following types are available: S, M, L, XL. All types can be used in combination with a water recycling system.

The type S cuts the roots 2 times with high speed knives which pull the roots of the leeks inside the knife. And one time cutting of the leafs with double knives.

The type M is the same as the S type with additional 1 set peeling rolls. First the roots are cut, to get the most dirt of. Then the leeks are peeled by the peeling rolls. After the peeling, roots are cutted more accurate with a high speed knife. And the leafs are cut to the desired length.

In the L type there are 2 sets of peeling rolls.

The XL type is a totally custom made machine with watercutting system for the roots. Roots are cleaned and a vision system is looking where the roots and shaft are. The exact place for cutting can be determined and set. This system is the most accurate cutting system available in the market. It also increases the efficiency of the workers at the grading part.

The leek machines have a separate grading part which can be mounted at the processing part.

The logistics around the machines are always custom made so the machine fits the way you want to work. All our machines are CE and/or UL/CSA compliant. Our machines have proved a long lifetime.

They are maintenance friendly and first class materials and newest technologies are used.

Advantages

Latest technologies are used

Cleaner product

Accurate root cutting

Options

Washing system, Hydraulic or electrical drive, Different waste discharge systems, Tangent plate, Different revolving sorting tables, Extension infeed- grading part, Pushing system grading part, Additional short cut on upper belt, Additional after wash unit on upper belt, Counting systems, High tech touchscreen for changing settings, Logistics.

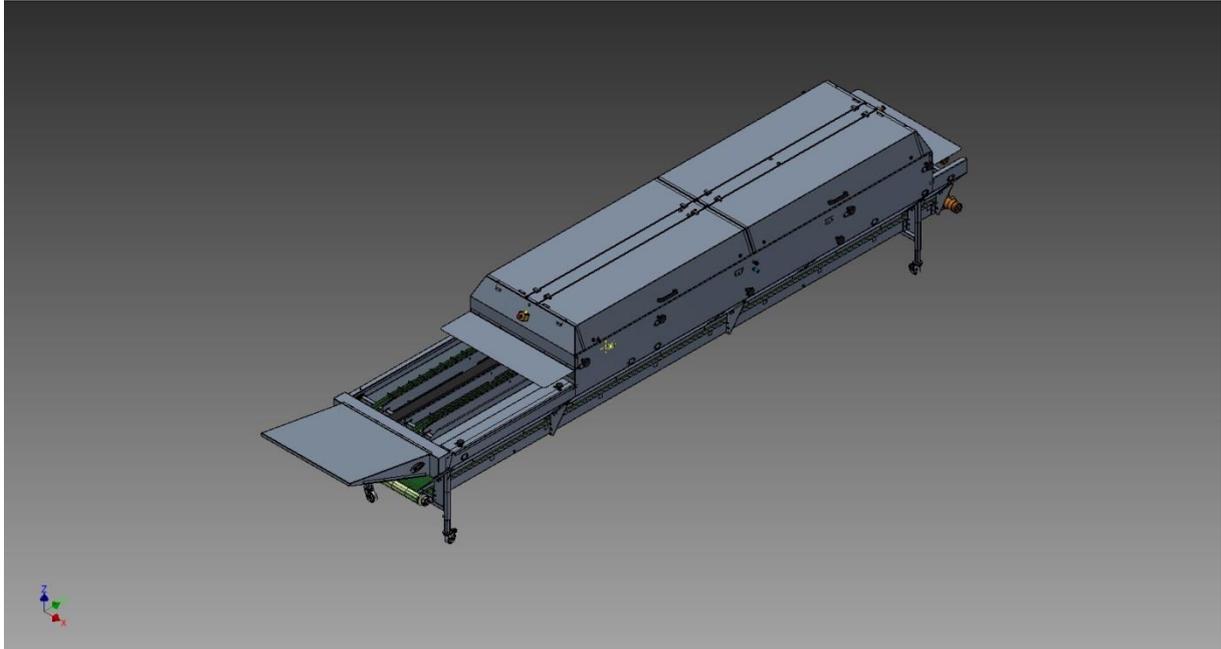
Technical Data Standard	S	M	L
Length processing part	4.400 mm	5.400 mm	6.400 mm
Width frame	1.400 mm	1.400 mm	1.400 mm
Height (adjustable)	1.520-1.770 mm	1.520-1.770 mm	1.520-1.770 mm
Infeed height (adjustable)	900-1.150mm	900-1.150mm	900-1.150mm
Length infeed part	1.000 mm	1.000 mm	1.000 mm
Length grading part	Custom made	Custom made	Custom made
Cutting length hydraulic	380-670mm	330-670mm	330-670mm
Belt speed	12,5 meters/min	12,5 meters/min	12,5 meters/min
Max number of spears/min*	100 spears/min	100 spears/min	100 spears/min
Drive	Hydraulic/Electric	Hydraulic/Electric	Hydraulic/Electric
Power Supply (H or E)	4KW	4KW	5,5KW
Oil	55ltr	55ltr	55ltr
Frame	Stainless Steel	Stainless Steel	Stainless Steel

* With less quality of the product, the belt speed has to go down to get good quality peeling. With type M the belt speed has to go down further then type L because of the double set of peeling rolls.



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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.