



Length Grader

For long vegetables such as carrots and pickles



- Solid construction
- All parts in contact with product are made of stainless steel
- Easy change of gap width

Length Grader

The length grader serves for continuous and gentle length grading of root vegetables such as carrots or other long-shaped crops. The length grader is also ideal for separating (sorting out) broken crops. Only washed and still wet products can be processed.

The crops must be loaded continuously and evenly over the entire width of the machine. A feeding vibrating pan improves the lateral distribution. Two unbalance motors cause the sloping vibrating table to vibrate. The field crops are moved over separating gaps with adjustable width. Broken and undersized vegetables fall down through the first gap. A further gap separates middle size from oversize. Three or four grade sizes are possible. In the standard version, adjustment and clamping of the grading segments is done manually. The machine does not require any operating personnel.

All parts in contact with product are made of stainless steel. The machine is supplied with a customized, non-height adjustable base frame made of painted steel with up to 1,500 mm feeding height.



Accessories

- Brake mounting kit for both unbalance motors
- Separate switch cupboard for the length grader
- Feeding conveyor belt
- Discharge conveyor belts
- Special version for cornichons, parsnips, root parsley
- Stainless steel base frame
- Pneumatic clamping for faster gap adjustment
- Electric gap adjustment for automatic change of grading length within seconds

Versions

Article number	Abbreviation	Working width [m]	Number of grades	Capacity [t/h]
080.103.000	LS 1000 - 3	1.0	3	2-3
080.104.000	LS 1000 - 4	1.0	4	3-4
080.163.000	LS 1600 - 3	1.6	3	3-5
080.164.000	LS 1600 - 4	1.6	4	5-8
080.223.000	LS 2200 - 3	2.2	3	4-7
080.224.000	LS 2200 - 4	2.2	4	7-11

Capacity data refers to carrots only