



Post harvest garlic
equipment

Cleaning Table MES-LIMP-CINT

Cleaning and inspection at high performance

Used to remove soil, stones, 3rd grade bulbs at storehouse reception from the field before drying and storing.



Complete reception line.

Hopper - Cleaning Desk - Brusher - Bulb grader

SPECIFICATIONS	MES-LIMP
Width (cm)	2290
Length (cm)	2700
Minimal height (mm)	1950
Sieve cleaning dimensions (mm)	2050x970
Rod Pitch (mm)	35
Rod diameter (mm)	10
Power (CV)	1,5
Weight (Kg)	620
Performance (Kg/hour)	8 Tm/h



A. The combination of rod belt, final brusher and unloading grill separates and removes the rest of soil from the bulbs improving drying and storing.



B. The cleaning belt is driven by electrical motor (1,5 HP) with adjustable speed to adapt to garlic bulb conditions from the field.



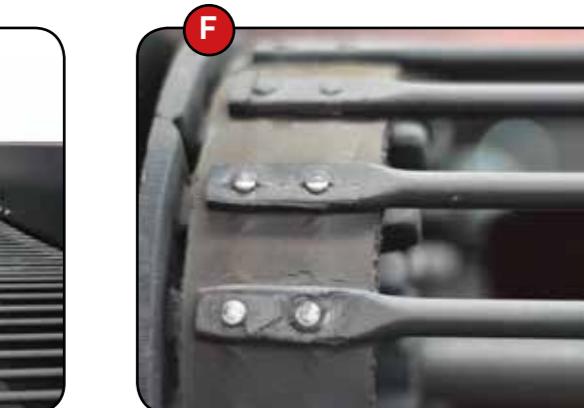
C. The separated rest of the soil on the cleaning belt is collected and transported to a container for the waste by means of the waste transporting belt.



D. Big demensions for effective cleaning with high output, and possibility to combine the table with other processing elements.



E. The working width of 970 mm and working length of 2050 mm make reach the output up to 8 Tm per hour and high capacity of separation and removing of the waste.



F. The design and used materials have been selected focusing on protection and taking care of quality of bulbs during the cleaning process.

Garlic Brusher

Intensive cleaning of garlic bulbs before grading and storing

Remove the soil, external dry peals and any other parts using rotative brushes without damage the garlic bulbs.



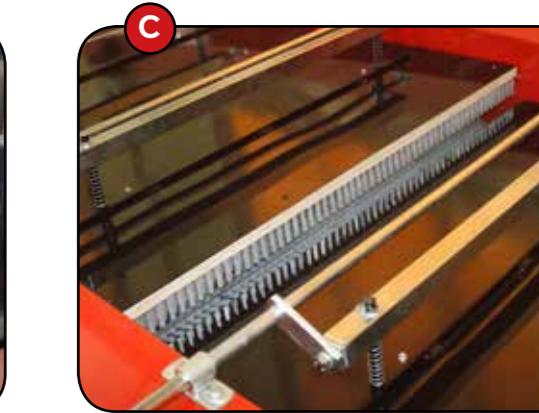
SPECIFICATIONS	CEPI-B
Width (cm)	125
Length (cm)	371
Number of brushes	22
Brushes width (cm)	100
Performance (kg/h)	4000
Power (CV)	2
Weight (kg)	650



A. 3m brushing up and down remove efficiently the soil and the external brown peals.



B. High working capacity due to XL width.



C. Two top brushing sheets with double regulation adjust the brushing strength.



D. Easy Double regulation of top brushing sheets.



E. The specific synthetic filaments brushes provide excellent rotation to ensure thorough cleaning of garlic bulbs.



F. The final screen separates the rest of soil and avoids getting it into container.

Garlic Grader

Gentle and precise grading at high performance

A consistent size improve the crop profit. The modular grader JJ Broch can be adapted as number of sizes as needed to optimize the crop marketing.



SPECIFICATIONS

	CLASIF
Loading height (cm)	155
Unloading belts height (cm)	94
Conveyor belt dimension (cm)	35
Conveyor belt length (cm)	380 X 100
Power (CV)	
- Unloading belts	0,25
- Vibrating	1
- Drive	2
Tension (V)	380
Performance (kg/h)	8000



A. Grading units in cascade position.

The modular design of grading units can set up so many sizes as it is needed in order to reach a big range of different marketing sizes.



B. Prices grading.

Big surface of each grading unit and speed adjustment of the belt ensure necessary time for exact selection of the size of each bulb.



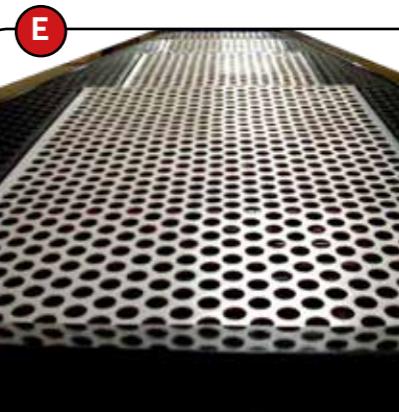
C. Careful grading of bulbs.

The unloading belts are positioned on very low drop height to avoid damages in bulbs. It is possible to unload in big and small boxes managed manually.



D. Optimal handling conditions.

Each grading unit has individual unloading belt and space for workers to do inspection, control and piling up.



E. High entry volume.

Working width of 1000 mm ensures a high turnover up to 8 Tm per hour.



F. Storing by category.

Precise grading and classification of bulbs make possible professional marketing and profitable growing.

Garlic peelers JJBROCH

Higher profitability at harvest time.

Splitting and peeling of garlic make your production even more profitable.



Garlic splitter

The separation and classification of the cloves is the first step for a uniform, regular plantation. High work output allows for the amount shelled to be adapted to the rhythm of the plantation.

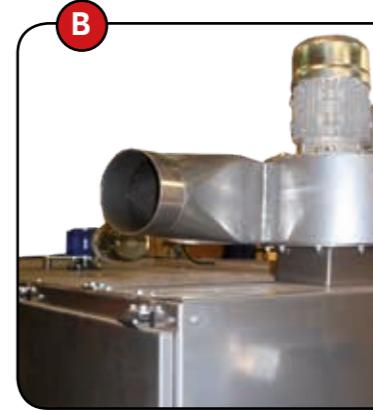
SPECIFICATIONS	LPL 200	LPL 150	LPL 150
Pressure needs	4200 l a 7 bar.	2000 l a 7 bar.	1000 l a 7 bar.
Nº of inyectores	12	7	4
Peeling belt width	400 mm	200 mm	100 mm
Inspection desk dimensions (m)	3 x 0.6	3 x 0.5	2 x 0.5
Vacuum motor's power (CV)	10	7	5
Yield (Kg/hour) up to*	200	150	100

* Yield can vary according to cloves' calibre



A. Prior heating.

Garlic cloves are heated in the feeding hopper to improve peeling effect.



B. Removal of waste.

Removal of garlic peels, leaves and fine dust is by means of pneumatic suction system.



C. Control band.

The inspection desk allows workers to check peeled cloves removing the ones that does not meet with consumption standards.



D. Construction for food use.

All of JJBroch peeling line design and manufacturing meet with requirements and european legislation for food processing equipment.



E. Effectiveness of 98%.

Prior heating and mobile air pressure injectors make possible to reach the maximum effectiveness of the peeling.



F. Compressed air, the work tool.

An air and filter compressor unit adecuated for food use supplies airflow to the injector for an optimum peeling (compressors not included).



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Garlic planters

The garlic planters collect and position the garlic bulblets without damaging at the depth and dosage required. Their great efficiency, low maintenance and easy of use makes them a vital tool for any garlic producer.



Harvester binder

The garlic harvester-binder removes the bulbs of garlic from the soil, eliminating part of the soil, maintaining the leaves for greater preservation and grouping the harvest together to make collection easier.



Harvester cutter

The harvester-cutters remove the bulb from the soil, remove part of the soil and cut the leaves, storing the bulbs in boxes or sacks of different sizes.



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