

Post harvest
garlic equipment



Garlic Powered Roller Conveyor

High volumes of cleaning and inspection

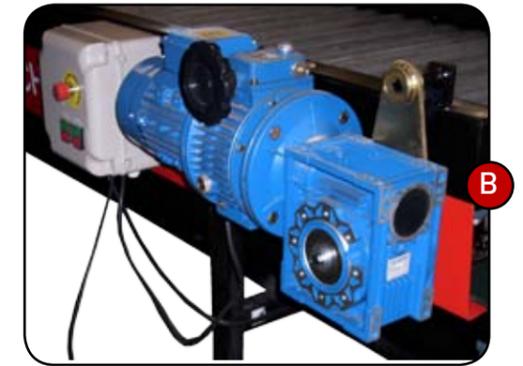
Used as an inspection table to remove scrap, 3rd grade bulbs, stones, soil at magazine reception from the field before drying and storing.



Complete reception line.
Hopper – Roller conveyor – Brusher – Bulb sorter



A. The polyethylene sheet feed the roller conveyor gently without damage the bulbs.



B. The rollers are driven by an Electrical Motor (1 HP) with variable speed to adapt it at garlic bulb conditions from the field.



C. The legs can be adjusted for working levelled or with slope. The roller conveyor can unload in big boxes or directly to the next tool (brusher, sorter, etc...).



D. The long length and the 33 rollers ensure the removal of peelings, soil, etc... With space available for up to 5 inspection people.



E. A effective working width of 670 mm ensure a high volume flow of garlic bulbs up to 8 Tm per hour.



F. The bulb garlic are continuously turned around by the powered rollers to improve the cleaning and all sides are subjected to inspection.

SPECIFICATIONS	MES-LIMP
Width (cm)	150
Length (cm)	353
High (cm)	183
Rollers width (cm)	67
Number of rollers	33
Power (CV)	1
Weight (kg)	350
Performance (kg/h)	8000

Garlic Brusher

Intensive cleaning of garlic bulbs before grading and storing

Remove the soil, external dry peels 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 peels.



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. Rubber hole belts in fall positi.

The modular design of grading units can set up as sizes in a line as was needed for more different marketing sizes.



B. Precise gradjas.

The long length of any hole belt unit and the separate belt speed provide enough time for an exact grading or the bulbs in its precise size.



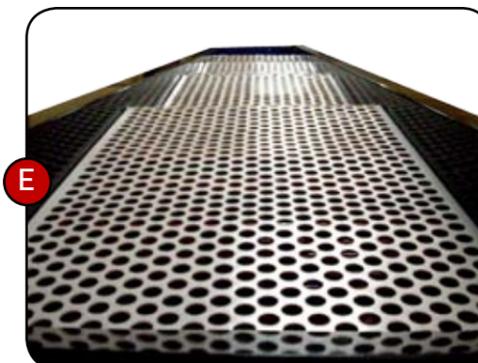
C. Careful grading and exit.

The transfer belts are positioned a very low drop height to avoid damages in bulbs. Can unload to Big boxes or small boxes.



D. Optimal handling conditions.

Each grading unit with separate transfer belt has place for the worker in charge of inspection, control and piling up.



E. High entry volume.

A effective working width of 1000 mm ensure a high volume flow of garlic bulbs up to 8 Tm per hour.



F. Storing by quality size.

A precise bulb grading and classification improve the marketing quality and the crop profit.

Garlic Peeler

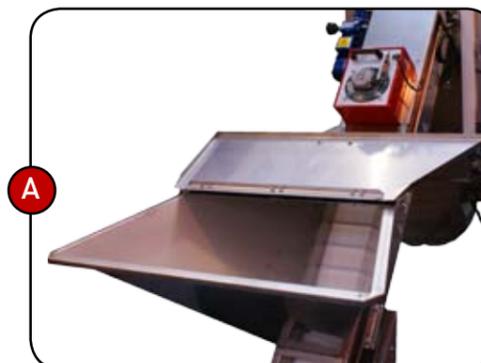
Greater benefits from production

Split and peel garlic allow you to make more profit of your production.



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.



A. Prior heating.

The garlic cloves are heating in the feeder belt to get better the effectiveness.



B. Extraction of garlic waste materials.

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



C. Inspection desk.

Workers can overview and remove the damaged and low quality cloves before stored in the finished product boxes.



D. Authorized food processing materials.

Manufactured with Stainless steel and food processing PVC according to European Union standards.



E. Effectiveness of 98%.

Prior heating and the moviles air pressure pipes peel the 98% of garlic cloves of any variety.



F. Air and filter compressor unit. (optional equipment)

SPECIFICATIONS

PL 400

PL 200

Air pressure requirement	4200 l a 8 bar.	2000 l a 8 bar.
Minimum garlic cloves temp.	37°C	37°C
Garlic humidity	20°	20
Inspection desk dimensions (m)	3 x 0.6	3 x 0.6
Power [CV]	10	7
Performance (kg/h)	200	100

We supply Garlic Technology



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



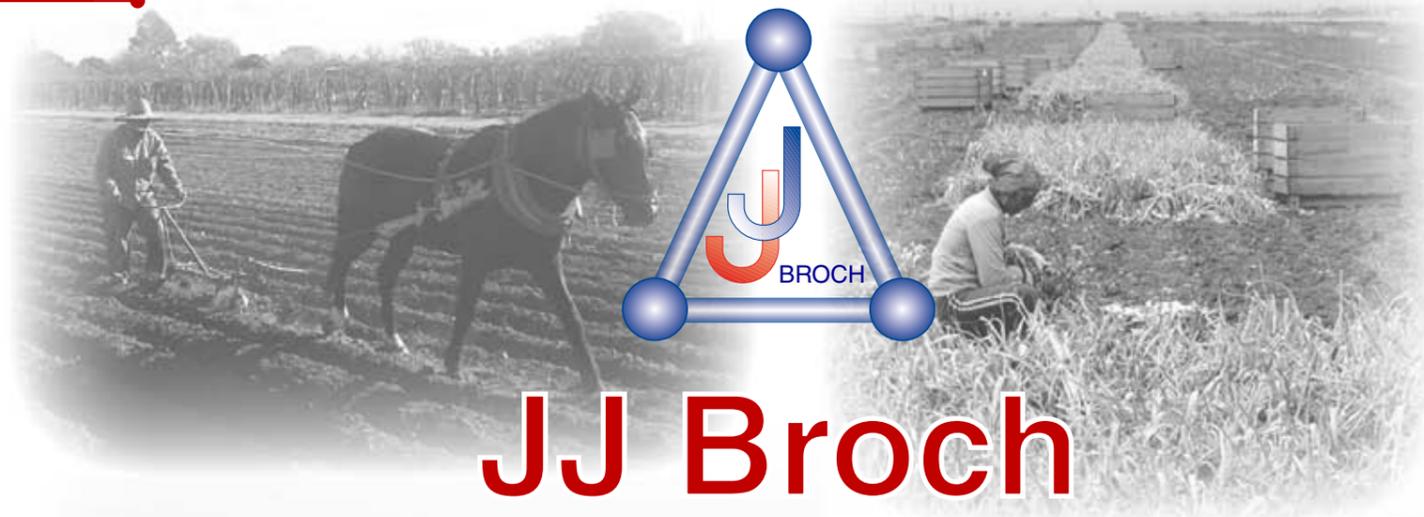
Harvester binder

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

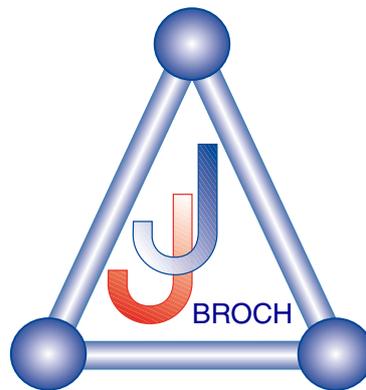
The harvester-cutters remove the bulb from the soil, remove part of the soil and cut the leaves, storing the bulbs in boxes or sacks of different sizes.



JJ Broch

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JJ Broch
We supply Garlic Tecnology

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