

Walnut cracking machine Junior walnut cracker – CA1/CA3



This breaker can process up to 100 kg of nuts/hour. It can be coupled with a pneumatic separator for an even more efficient work.

Suitable crops:



Walnut



Hazelnut

MAIN FEATURES

The CA1 model is designed specifically for small-scale production. It cracks one nut at a time, whether pre-washed and dried, calibrated or not.

The CA3 is the reference in its category. It is designed to crack 3 nuts at a time, previously washed and dried, calibrated or not.

To increase its output (+ 50 %), it can be equipped with a speed variator.

Its breaking system minimizes the breaking of the kernels and is continuous.

Its practical and efficient use does not require supervision. Its particularly robust design requires very little maintenance.

The CA3 is equipped with an anti-stone system which prevents the machine from being damaged if stones of the same diameter as the nuts pass through the machine.

The Junior CA3 is equipped with a 380 V three-phase power supply.

In the standard version, the CA3 has a capacity of 50 to 70 kg / hour depending on the size of the nuts.

With the option of an electronic speed variator, a maximum output of 70 to 100 kg/hour is obtained.

This option also allows to lower the flow of the breaker to 20kg/hour and thus of the breaking chain.

Example:

– In case of easy to break nuts, you want to have more throughput, the variator option allows you to increase it up to 100kg/hour depending on the nut size.

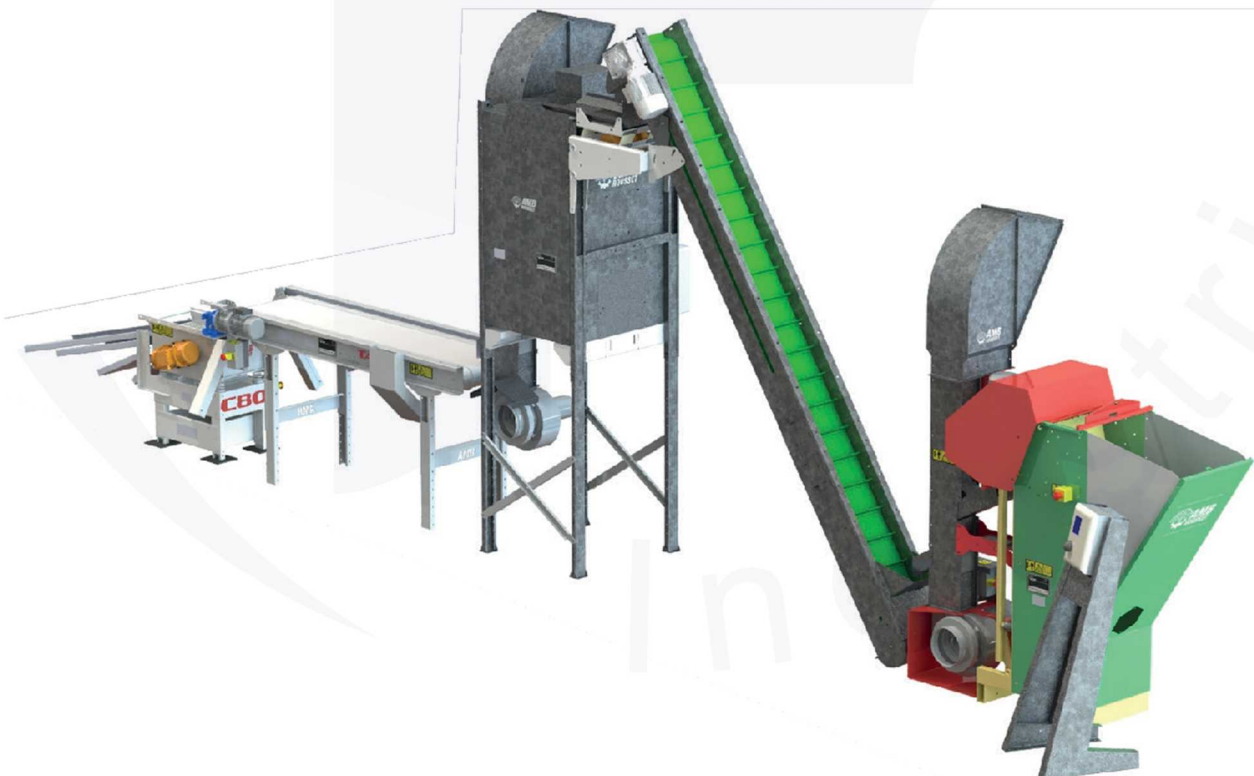
– If you are alone at the sorting table, the batch is difficult, you can lower the flow with the option variator until 20kg/hour.



TECHNICAL CHARACTERISTICS

	CA1	CA3	
Motor	<i>Single-phase electrical power supply, protected by a thermal contactor</i> 220 V 0.37 kW	<i>Three-phase electrical power supply, protected by a thermal contactor</i> 380 V 0.75 kW	
Protection	CE compliant		
Frame	<i>Mechanical frame completely enclosed by a protective cover</i>		
Hopper	38 liters	300 liters	
Loading	At human height		
Anti-jamming protection	Yes		
Length	0.84 m	1.52 m	
Width	0.80 m	0.80 m	
Height	1.67 m	1.70 m	
Weight	93 kg	212 kg	222 kg
Base	Collapsible	No	
Flow rate (depending on nut size)	<i>From 15 to 30 kg/hour</i>	<i>From 50 to 70 kg/hour</i>	<i>From 70 to 100 kg/hour</i>
Options	<i>Electronic speed controller 220 V single-phase</i>		
Optional air separator	SEJ400*	SEP800*	

**** Air separator capable of separating 20 to 30% of the shell**



OPTIONS

Electronic Speed Variator Réf. CA30036

When using the electronic speed variable, the maximum flow rate is 70 to 100 kg/hour. This option also allows the crusher speed to be reduced to 20 kg/hour.



ADDITIONAL PRODUCTS

Air Separator

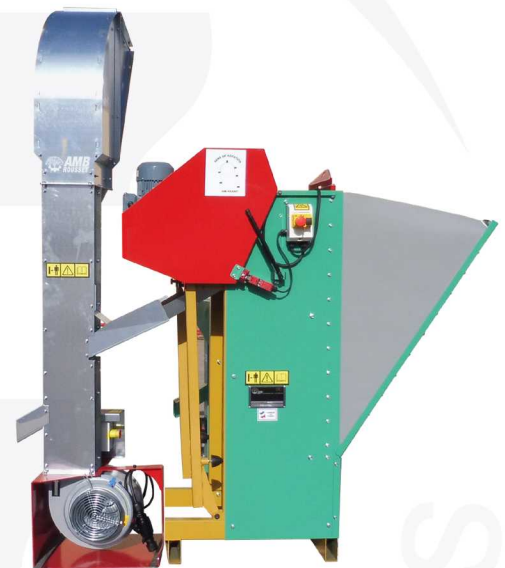
To save time during sorting, an adapted shell separator can be connected to each of them. The air separator can separate 20 to 30% of the shells.



SEJ 400 Réf. SEJ0003



CAB



SEP 800 Réf. SEP0013

Broken nut

BEFORE



AFTER



Kernel



Shell