

SORTING LINE HECO-CERNITA LC-12 LC-24

The **Sorting** is the working process during which, after the "digging out" of the *Barbatelle* or rooted-vines, the quality control phase and all the activities that come before the storing of the final product take place, that is: trimming of the exceeding shoots, roots cutting, final waxing and strapping. These activities are very often cause for mistakes due to the repetitiveness of the actions, also considering that each single operator handles thousands of rooted-vines every day.

Thanks to the **Sorting Line HECO-CERNITA**, it is possible to organize all these activities in a rational and ergonomic way so that the movement of people and product is reduced to a minimum, in order to avoid the above-mentioned mistakes and therefore **reducing costs by more than 30%**.

The **Sorting Lines** conceived by **Zetaecotech** consist in mobile or tipping *Working Desks* **HECO-BANCO**, where the manual trimming of the exceeding shoots takes place and where, thanks to the *Counting Unit* **HECO-COUNTER**, the bundles of *Barbatelle* are accurately counted and correctly formed (e.g.: 25 per bundle). Afterwards, the bundles are placed on a *Transport Belt* **HECO-ASTRO-V01** which will transport the rooted-vine bundles towards the *Cutting Unit* **HECO-TAGLIO** for the automatic *cutting of the roots at the desired length*, from here the bundles will come out to be finally waxed at the manual *Double Waxing Station* **HECO-A-800**, before being tied with the *semi-automatic strapping machine* **HECO-TIE**. Ultimately, the bundles of *Barbatelle* will be placed in the *metal racks* **HECO-CESTA**, ready for storage.

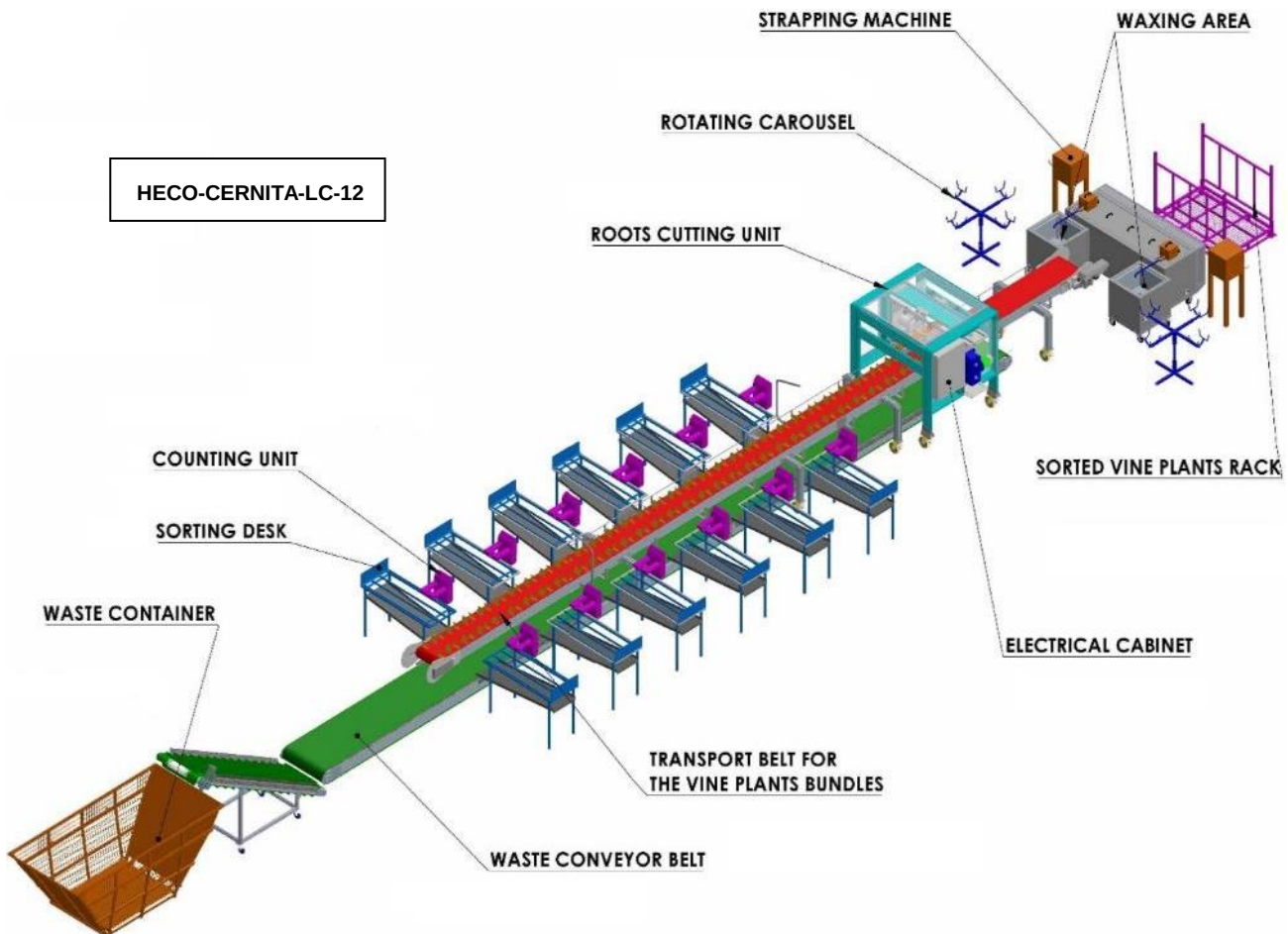
In its full version, the **Sorting Line Zetaecotech** can be equipped with a *secondary Transport Belt* **HECO-ASTRO-V02** positioned under the main Sorting Belt, in order to *collect and convey* all the *shoots and roots scraps* towards a pre-arranged collector.

Il this way, it is possible to avoid both the accumulation of waste in the surrounding working area and the interruption of working activities for cleaning up.

The Sorting Lines Zetaecotech are **100% customizable** according to the customer's needs.

TYPICAL LAYOUT:

* EXAMPLE OF A LAYOUT WITH 12 WORKING STATIONS (6+6)



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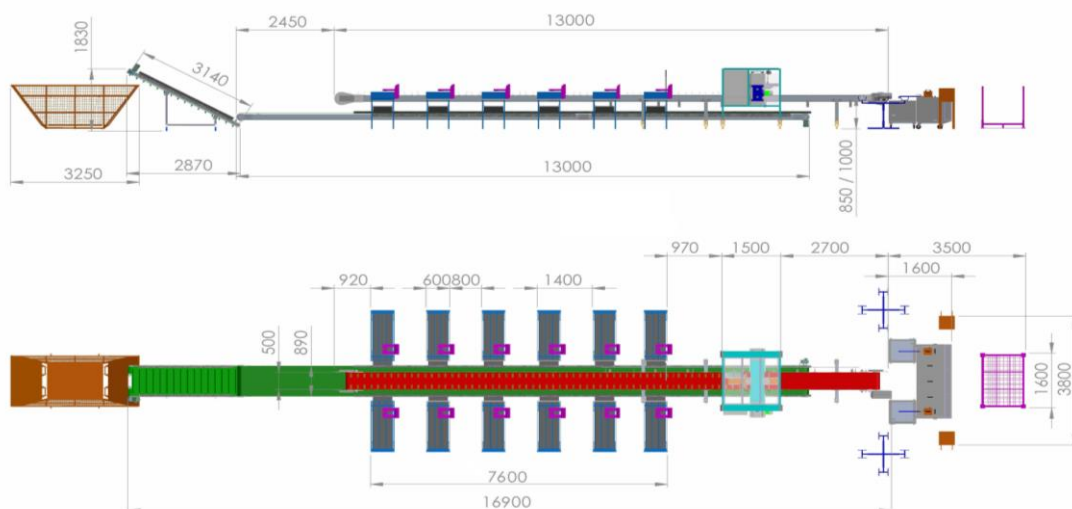
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Latest Update: 07/08/2023

MAIN TECHNICAL FEATURES:	HECO-CERNITA-LC-12	HECO-CERNITA-LC-24
PRICE FOR YOUR ATTENTION:		
MAIN TRANSPORT BELT FOR ROOTED VINES BUNDLES:	Nr. 1 modular belt in profiled aluminium on pivoting wheels with adjustable height PVC carpet - thickness 4 mm width 500 mm - with stainless steel flights to convey the bundles Electronically adjustable belt speed Automatic management of the belt from the main electrical panel	
WORKING STATIONS:	Nr. 12 or 24 mobile working desks with adjustable height or fixed tipping desks anchored to the main belt to optimize spaces	
COUNTING SYSTEM:	Nr. 12 or 14 counting units with programmable logic controller and electro-mechanical lock Centralized storage and management of data Direct ethernet connection of all the units to the customer management software Positioning of the devices on working desks	
ROOTS CUTTING SYSTEM:	Single or double cutting unit (left and right) with special stainless steel circular segmented blades Adjustable cutting position and electronically controlled speed Bundle pressing system with automatically adjustable pressure belt depending on the material	
WAXING SYSTEM:	Double waxing station consisting of nr. 1 main waxing machine heco-a1-600 for wax melting and of nr. 2 tanks heco-a1-100 for bundles waxing Pumps for wax agitation in the melting tank and for wax transfer in the working tanks	
STRAPPING SYSTEM:	Semi-automatic binding of the rooted vines bundles with the vertical strapping machine HECO-TIE	
SECONDARY TRANSPORT BELT FOR WASTE:	Nr. 1 modular belt in profiled aluminium on pivoting wheels with adjustable height PVC carpet - thickness 4 mm width 900 mm for scraps transport Electronically adjustable belt speed Belt management with electrical panel	
TRANSPORT BELT FOR THE FINAL UNLOAD OF WASTE INTO THE COLLECTING DUMPSTER:	Nr. 1 modular belt in profiled aluminium on pivoting wheels with adjustable height PVC carpet - thickness 4 mm width 900 mm Electronically adjustable belt speed Belt management with electrical panel	
TOTAL ELECTRICAL POWER:	11,0 - 12,5 kw depending on the version	
ELECTRICAL POWER:	400V - Three-phase 3P+N+PE	
TOTAL DIMENSIONS:	L 16.900 x W 3.800 x H 2.200 mm	L 28.500 x W 3.800 x H 2.200 mm
STANDARD EQUIPMENT:		
OPTIONAL:		
TECHNICAL LEGISLATIONS:	Built according to the European Machinery Directory - EC Certified	

TOP VIEW OF A SORTING LINE WITH 12 WORKING STATIONS (6+6)



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