

COUNTING DEVICE HECO-COUNTER-V3-V4

The **Sorting** is the working process during which, after the "digging out" of the *Barbatelle* or rooted vines, the following phases take place: quality control, trimming of the exceeding shoots, roots cutting, final waxing, strapping and storing.

Nowadays, many of these activities are still handled manually, especially with regards to the phases of **counting and forming bundles**, in which *repetitiveness* is often the main cause of mistakes. The **Counting Device HECO-COUNTER** by Zetaecotech eliminates these errors thanks to a technologically advanced **counting and memorising system** that activates an **electro-mechanical lock** when the set value is reached (e.g.: 25 rooted vines per bundle), therefore allowing a correct bundles creation.

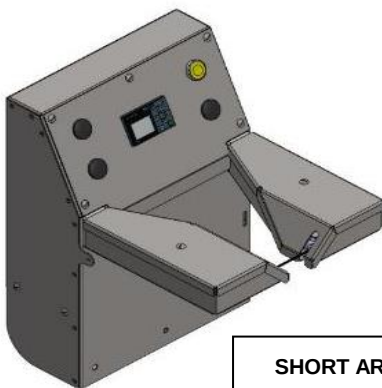
In version **HECO-COUNTER-V3** the collected data are managed manually and are **viewed and stored locally** on the **operating display**. This equipment allows to memorize the partial counting of rooted vines per bundle, the total per variety and the daily total.

In version **HECO-COUNTER-V4** the counting data, aside from being managed locally on the operating display, can also be connected through an ethernet connection to a central **management and control PLC Unit** that, thanks to our **supervision software** allows to **automatically handle a whole sorting line**, constituted for example by a minimum of 8 up to 250 counting units. Furthermore, our software not only allows the centralized reading of all the data on a PC, but also many advanced control features of the lines, such as the automatic and simultaneous locking of some or all of the of the connected units, the management of the variety change and much more.

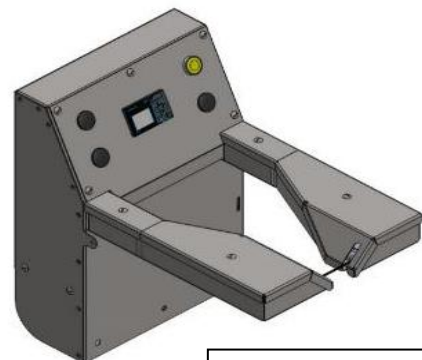
The data collected by the software can be processed, exported, printed and sent directly to the **customer management software**.

The Sorting Line can be completed by the mobile Cutting/Counting desk **HECO-BANCO**, that allows a better ergonomics of the working station.

AVAILABLE VERSIONS:

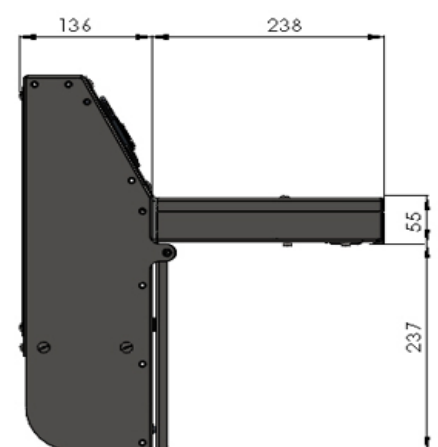
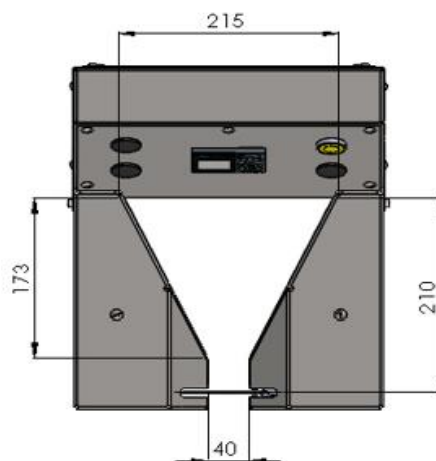
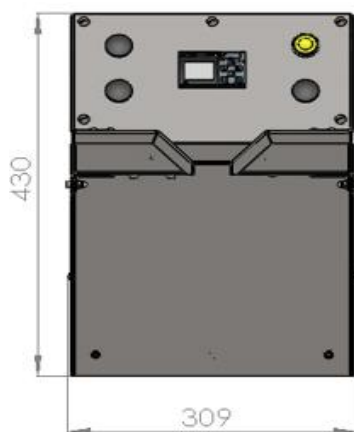


SHORT ARMS VERSION



LONG ARMS VERSION

DIMENSIONS:



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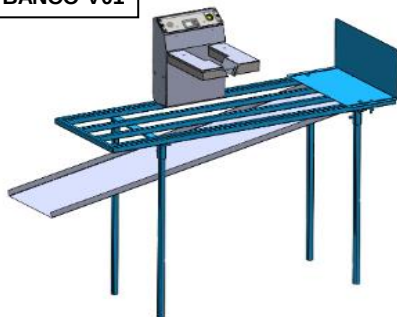
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Latest Update: 07/08/2023

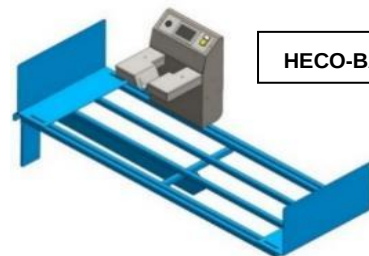
MAIN TECHNICAL FEATURES:	HECO-COUNTER-V3 VERSION V3_LPGL	HECO-COUNTER-V4 VERSION V4_QEGC
PRICE FOR YOUR ATTENTION:		
COUNTING SYSTEM:	Programmable logic controller with local data storage + multi-function manual button	Programmable logic controller with data storage on central PLC + multi-function manual button
CONTROL SYSTEM:	Electro-mechanical locking system when the set value is reached	
PROCESS CONTROL:	Electronic control on local PLC	Electronic control on local PLC + connection to a central management system
NETWORK CONNECTION:	Suitable for ethernet connection	Ethernet connection of 1÷250 different counting units to a central control and management system
DATA PROCESSING:	Local storage and processing of partial totals, totals per variety and daily total for each single counting unit	Local storage and processing of partial totals, totals per variety and daily total for each single counting unit Direct data transmission to the central management system
HUMAN/MACHINE INTERFACE:	PLC with graphic colour display, integrated programmable logic controller, ethernet portal for network connection to a centralized management system	
TOTAL ELECTRICAL POWER:	50 W	
ELECTRICAL POWER:	Single-phase 230 V	
TOTAL DIMENSIONS AND WEIGHT:	L 310 x W 375 x H 430 mm (Version with short "arms") L 310 x W 475 x H 430 mm (Version with long "arms") Weight: 15 Kg.	
BUILDING MATERIALS:	Main structure in stainless steel	
STANDARD EQUIPMENT:		
OPTIONAL:	Centralized management system for counting Supervision and monitoring software HECO-BANCO V01-V02 Rotating carousel HECO with 4 or 6 "arms"	
TECHNICAL LEGISLATIONS:	Built in compliance with European Machinery Directive - EC Certified	

BARBATELLE COUNTING DEVICE HECO-COUNTER WITH WORKING DESKS OR ROTATING CAROUSELS

HECO-BANCO-V01



HECO-BANCO-V02



HECO-BANCO-V04



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