

# REAR COLLECTOR

VTL SIDE VERSION



DAY BY DAY WE IMPROVE THE WORLD OF COLLECTING  
DRIED FRUIT AND OLIVE COLLECTORS

*Agromelca*

[www.agromelca.com](http://www.agromelca.com)







# VTL SIDE SERIES

THE REAR-SIDE COLLECTION EQUIPMENT





The VTL SIDE series is specially designed to overcome the limitations of rear collectors. This new series offers you a totally different, innovative and high-performance product with major benefits when harvesting olives or other fruit.

This machine is assembled on the rear of the tractor. This model is conceived and designed so that it can harvest all kinds of trees.

This device offers major benefits including its light weight, high performance, quick-release from the vehicle, its agile handling, or great visibility when making the attachments to the tree.



# VIBRATION HEAD Z10

- Parallel arm closure.
- Very fast manoeuvres.
- Dual clamping cylinder, located at the rear of the head.
- Motor located on central casing, permitting circular vibrations, resulting in excellent rate of falling fruit, without damaging either the fruit or the tree.
- Permits attachment to trunks measuring between 8 cm and 40 cm in diameter.
- Can be quickly configured by the user to adapt to type of trunk to be harvested.  
This configuration can be done by changing the position of the rubber pads that come into contact with the trunk.
- Continuous circular vibration with the possibility of 30-40% power variation with a very easy operation (5 min.) depending on the type of tree to harvest (almond trees or olive trees).

To adapt to all trunk diameters, from 8 to 40 cm, it is possible to configure various parts of the head.



# VIBRATION HEAD

## Z20 (OPCIONAL)

- Wide opening of the pincer. Head recommended for trees with a trunk diameter over 20 cm.
- Maximum opening of 60 cm. Larger size and designed for an excellent performance on all kinds of trees.



## MODIFICATION OF POSITION OF RUBBER BLOCK SUPPORT

To guarantee good contact with the trunk and optimum performance in shaking down the fruit, the position of the block support can be adjusted.





# MOVEMENT AND VIBRATION CONTROLS

- The movements and vibration are carried out comfortably and easily using an electronic box, equipped with joysticks and selectors.
- Optionally, an electronic cobra control can be installed.



## CONTROL UNIT FUNCTIONS



# SPECIFICATIONS OF THE ELECTRICAL SYSTEM



- Handling using electronic cobra control.



## MOVEMENTS

### ROTATION IN THE PINCER

The pincer can be rotated to adapt to the angle of the trunk for sloping trees.

### TELESCOPIC

Permits attachment to the trunk from a distance.

### VIBRATION EQUIPMENT SIDE ROTATION

The attachment to the trunk can be from a side position (right-left) or a rear position, offering flexibility given the different problems posed by the trees.

It is also possible to place the head at the rear when transporting or driving on public roads or in small spaces.

### ELEVATION OF VIBRATION EQUIPMENT

It is possible to place the head at ground level or at 60-70 cm above the ground.



# SPECIFICATIONS OF THE HYDRAULIC SYSTEM

- Double pump with gearbox.
- Tractor power take-off rotation speed 540 RPM.
- 80 litre hydraulic oil tank.
- Oil cooling radiator.
- **VIBRATION**  
Includes left vibration speed + right vibration speed.  
Vibration brake: When the vibration button is released, the vibration brake is automatically activated, rapidly braking the head to prevent damage to the tree or trunk. Double hydraulic pump with gearbox for vibration.  
Tractor power take-off speed 540 RPM.
- **MOVEMENTS**  
Hydraulic regulation of movement speed.
- **TURBO VIBRATION** (optional).
- **OTHER SPECIFICATIONS**  
Arm clamping control to permit selection of clamping pressure applied to the trunk, allowing improved vibration performance and preventing debarking of trunk.









# GENERAL SPECIFICATIONS

- The VTL model is equipped with support tyres for manoeuvring and driving, enabling its installation on small tractors.
- Reduced collector height to permit unhindered manoeuvring in narrow plantation lanes or in plantations not easily accessed by harvesting machinery.
- Very fast harvesting speed.
- User-selected vibration power control to suit plantation and type of fruit to be harvested.
- Addressable axis (optional).





# VTL CLASSIC

FEATURES	VTL CLASSIC
Quick attach and release	•
Electronic cobra control	•
Vibration	1 left vibration + 1 right vibration
Continuous circular vibration	•
Turbo vibration	optional
Variation vibration power 30/40%	•
Adjustment arm tightening and vibration brake	•
Hydraulic regulation of movement speed	•
Rotation in the pincer	•
Machine elevation	•
1 telescopic	•
Machine side rotation (left-right)	•
Addressable axis (series fixed shaft replacement)	optional
Oil radiator	•
Oil tank capacity (litres)	80 l
Hydraulic system	1 variable flow pump
Tractor power take-off engine revolutions	540 RPM normal
Parallel head Z10	•
Parallel head Z20	optional
Support and driving tyres	•
Steerable axis	optional
Anti-heat supersoft rubber components (Z10 and Z20)	optional

Agromelca, S.L. reserves the right to make the modifications it considers necessary to the products in this catalogue without prior notice.

(•) Standard



**DAY BY DAY WE IMPROVE THE WORLD OF COLLECTING**

Pol. Industrial "Las Lagunas", P-A 2 • 44610 Calaceite - Teruel (España)  
Tel. 978 851 283

[info@agromelca.com](mailto:info@agromelca.com)

*Agromelca*

[www.agromelca.com](http://www.agromelca.com)