

# GREENHOUSE EQUIPMENT

Catalog 4.7





CARRETILLAS  
AMATE





## Trolleys “Amate” - advanced new technologies in agriculture

Amate trolleys help us to explore, produce and sell agricultural equipment for greenhouse crops, greenhouses, nets, shade nets, and also its offer the best practical solutions with portable products to optimize daily work in intensive agriculture.

*Direct communication with farmers, listening to them, and studying their needs on the agricultural fields - allow us better develop our product.*

The working team is completely immersed in all production and evolutionary processes, offering the very best of them.

### **COMPANY MISSION**

- it is to be a qualified, profitable and socially responsible enterprise with all its staff, making high-quality products that exceed the expectations of our customers.

### **OUR VISION**

To use all the knowledge gained from all 40 years of work, and to be part of evolutionary processes in protected agriculture at the international level, to have progressive and highly productive growth.



Electrostatic painting



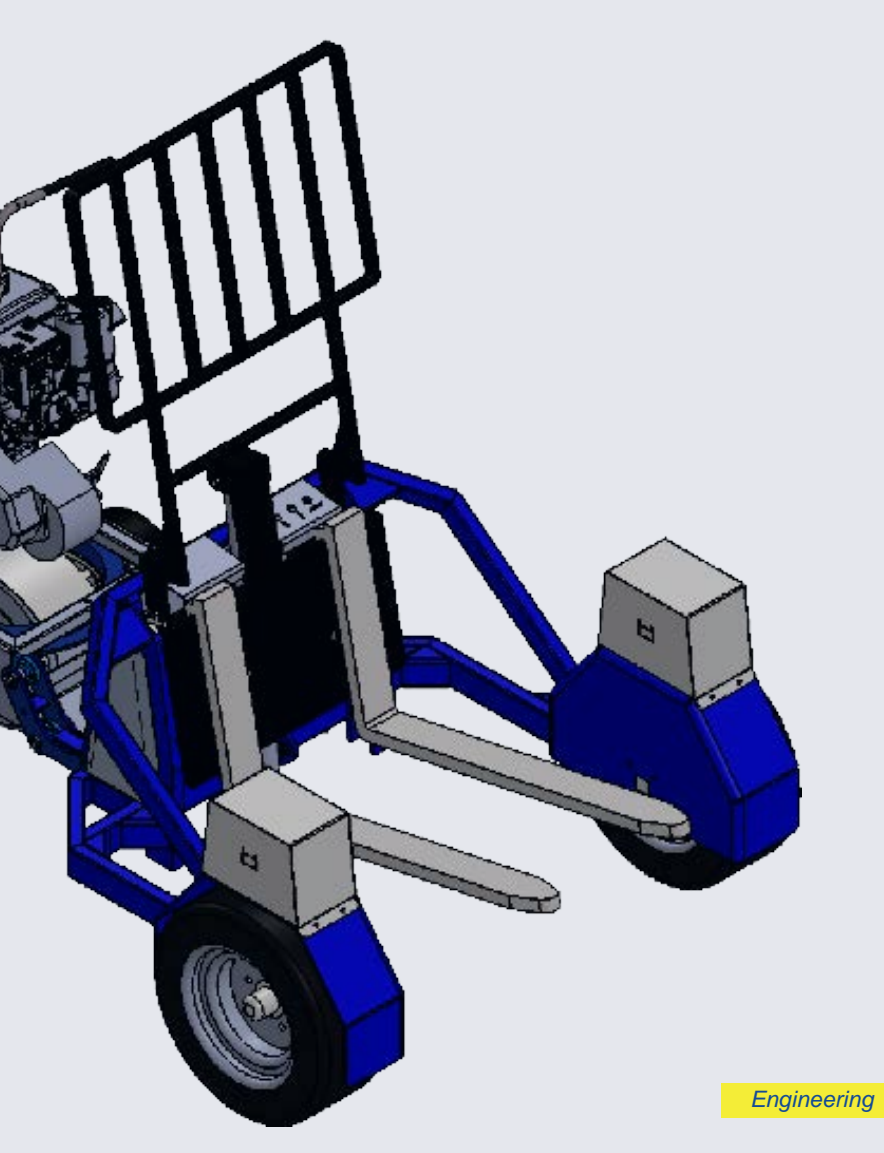
Welding



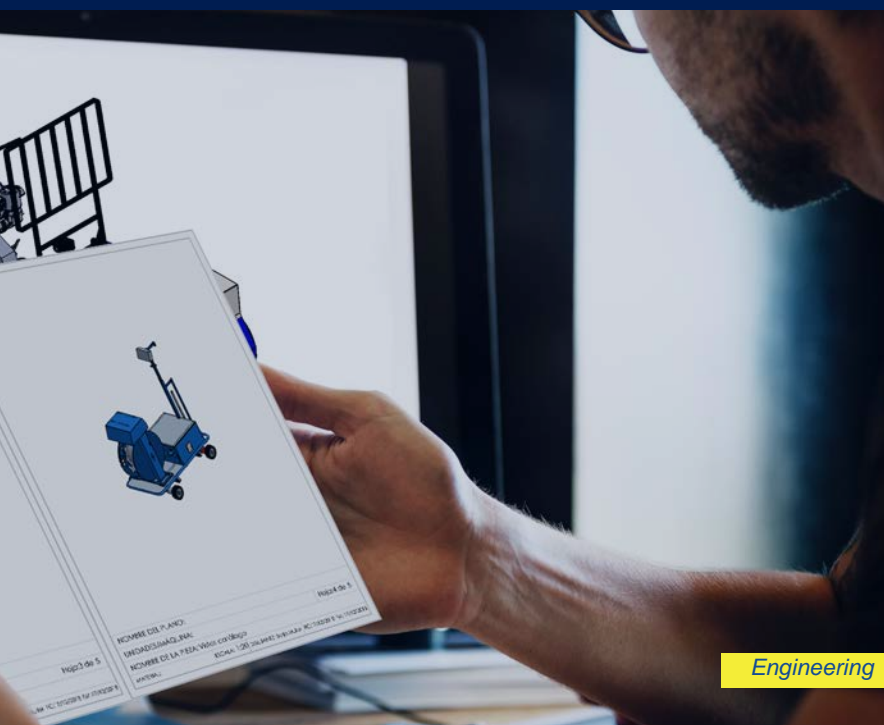
Installation







Engineering



Engineering

## Our method

We are a large team of specialists who enthusiastically perform their work, which is transferred to each of the farmers and customers, who are the greatest treasure of this family company

## RESEARCH, DEVELOPMENT AND INNOVATION

We currently have an R & D + I department, where, together with the University of Almeria, we analyze and develop prototypes that are carefully executed at our facilities for greater profitability in work systems.



## All our products are in-house.

We research, produce and sell agricultural equipment for greenhouse crops. We also offer portable and inventory trolleys for agriculture in general.







# MECHANICAL ENGINEERING /01





## TIZONA 37

CÓD. MATZ07



[Link to demo video](#)

## More traction, greater manoeuvrability

Spraying equipment specially designed for the intensive application of phytosanitary products, leaf fertilizer, etc., inside and outside a crop field, greenhouses, nets, shade house, multi-tunnel, for all types of fruit and vegetables.

Another step forward for the Tizona line, hydraulic 4-wheel drive, to which is added a mobile central articulation and a large angle of attack, which makes it possible for the wheels to always be in contact with the ground, giving it maximum traction, great manoeuvrability in narrow areas with a high number of obstacles, having a turning range of 1.25 metres.

For crops on all grounds, it has different tyres for work depending on the needs, being able to work both on sandy crops and those covered by plastic without damaging the cover.

500 litre tank and spraying system that guarantees maximum efficiency and absorption of the product into the plant mass.

Depósito de 500 litros y sistema de pulverización que garantiza la máxima eficacia y penetración de caldo en la masa vegetal.

Compatible with all the accessories of the Tizona range.

### CARACTERÍSTICAS

MOTOR <b>Kubota</b>	COMBUSTIBLE <b>Diesel</b>	SISTEMA <b>Hidráulico 4x4</b>
HP <b>37,5</b>	BOMBA DE AGUA <b>50L / 40- 50 BAR</b>	VELOCIDAD MÁX. <b>8 km/h</b>
CAPACIDAD <b>500L</b>	PESO <b>590Kg</b>	MEDIDAS (LxAxH) <b>268x83x185cm</b>
NEUMÁTICO <b>23x8,50-12</b>	CUADRO MANDOS <b>Acero Inox.</b> (Botón Start/Stop)	CERTIFICACIÓN <b>CE</b>

### EXTRAS

Tizona has different combinations and the possibility of incorporating different accessories from the factory, some of which are hydraulically operated.

*Patented and protected product*

“Estas opciones adicionales únicamente podrán ser solicitadas en el momento de compra junto a Tizona.”



## Brush

Cleaning within the fields.

**Hydraulically operated and easy to use, making field cleaning very cost-effective.**

Possibility of interchanging it with a tine rake for leaf collection.

It incorporates an innovative ground copying system.

Extras | TIZONA 37



## Divider

**Motion generator between denser leaves.**

Motion generator between denser leaves.

Hydraulic movement with large adjustable air flow to ensure every moment.

Fully independent opening and closing of beams from processing and ventilation.

Maximum efficiency for increasing plant mass movement in high density greenhouse crops or outdoors.

Extras | TIZONA 37





3d design of the  
20 meter hydraulic  
rotating cannon  
project made by the  
engineering team







# TIZONA 35

Art. MATZ01

## 4x4 drive

Hydraulic 4x4 drive, central hinge, providing high maneuverability in narrow spaces with a large number of obstacles, with a turning radius of 1.25 m.

Off-road tires, providing mobility on sandy soils, as well as circulation on plastic soils without damaging them.

Tizona, in all its versions, is made of high-quality components and surface finishes, including:

Processed steel chassis, tanks, fasteners, and basic use items are made of stainless steel.

5-spot LED lighting for optimum performance even in complete darkness.

500-liter tank and spray system, ensuring maximum efficiency and nutrient penetration into the plant material.



[Link to demo video](#)

### SPECIFICATIONS

Engine: <b>Kohler/Kubota</b>	Fuel system: <b>Дизель</b>	Drive system: <b>Гидравлическая 4X4</b>
l/sec <b>24,5 - 35 - 37,5</b>	Water pump <b>50 L/40/50 bar</b>	Maximum speed: <b>8 km/h</b>
Spaciousness: <b>500 L</b>	Weight: <b>590 кг</b>	Dimensions: (Д*В*Ш) <b>200X80X263 cm</b>
Pneumatic tires <b>23X8,50-12</b>	Transmission <b>Stainless steel</b> (Start / Stop Button)	Certification: <b>CE</b>

### ADDITIONALLY

Tizona has different configurations and the ability to turn on the factory of various equipment, some of it with a hydraulic drive.

"These additional options can be requested only by purchasing of equipment" Tizona""



## Rake

Internal cleaning of agricultural fields

They are hydraulically controlled and easy to use, they allow you to economically clean agricultural fields.

*They are delivered fully prepared for any kind of cultivation on sand or polyethylene coatings or with mesh.*



## Divider

Motion generator between denser leaves.

Motion generator between denser leaves.

Hydraulic movement with large adjustable air flow to ensure every moment.

Fully independent opening and closing of beams from processing and ventilation.

Maximum efficiency for increasing plant mass movement in high density greenhouse crops or outdoors.







## Horizontal beams

For surfaces such as seedlings and other types of crops.

The length is 10 m, but adaptation of the length to another surface is also proposed. Fully hydraulic system with independent control panel. The minimum processing height is 25 cm and the maximum 140 cm. The maximum spray pressure is 40 bar and the flow rate is 50 liters per minute.

*Check out the possibilities of adapting to your crop.*



## Hydraulic coil Spraying for complex crops.

This is a fully hydraulic device that allows processing on complex crops with access to only one operator in pedestrian mode. The device has a hose length of 100 m and a progressive guidance system that allows you to gently roll the hose.





**In field | TIZONA 35**





3D-design, made by  
the team of engineers  
"Amate".









# TIZONA Evolution

Art. MATZ02

## Maximum comfort

“Tizona evolution” is a new model, specially designed for low areas, 165 cm high, which allows working on any type of crop.

Tizona, in all its versions, is made of high-quality components and finishes, which makes it the leading equipment in intensive agriculture on the international level.

### SPECIFICATIONS:

Engine: <b>Kohler/Kubota</b>	Fuel system: <b>Diesel</b>	Drive system: <b>Hydraulic 4X4</b>
l/sec <b>24,5 - 35 - 37,5</b>	Water pump: <b>50 L/40/50 bar</b>	Maximum speed: <b>8 km/h</b>
Spaciousness: <b>500 L</b>	Weight: <b>590 kg</b>	Dimensions: (L*H*W) <b>286X80X165 cm</b>
Pneumatic tires <b>23X8,50-12</b>	Transmission <b>Stainless steel</b> (Start / Stop Button)	Certification: <b>CE</b>

*Patented and protected product*

## ADDITIONALLY

Tizona evolution offers the possibility of installing from the factory various equipment, some of which are hydraulically driven, for example: a composter, a sprayer, a rake, towers, coils...



[Link to demo video](#)

“These additional options can be requested only by purchasing of equipment” Tizona “”



**Divider**  
Motion generator between denser leaves.

It has a ventilator that generates a large air flow, which facilitates the transport of droplets and their penetration into the inner layers of plant mass







## Puncher

A new alternative for the use of granulated dressing.

A new accessory for Tizona evolution, which allows you to introduce granules (granulated manure) into the soil, mostly environmentally friendly crops.

This alternative application of the Tizona evolution device is aimed at using its small size and doing important work, such as using pellets.



Hydraulic regulation in the depth of feed, adjustable speed and output flow, capacity up to 300 kg



3D-design, made by the team of engineers "Amate".







## TIZONA 14

Art. MATZ05



### Flexibility and adaptation

The new version with aerodynamic design, which stands out for its small size, which allows you to work in very limited spaces.

Equipped with a gasoline engine, 14 l/sec and with hydraulically driven 4x4, as in other versions of Tizona.

Spray system with independent drive using a gasoline engine, 7l/sec with located in the upper rear part.

Tizona® in all its versions has the highest characteristics in all its components and finishes, as indicated in the original model.

#### SPECIFICATIONS

Engine: <b>14 l/sec</b>	Fuel system: <b>Petrol</b>	Drive system: <b>Hydraulic 4X4</b>
Spraying motor <b>7 l/sec</b>	Fuel system: <b>Petrol</b>	Water pump <b>50l / 40 bar</b>
Spaciousness: <b>400 l</b>	Weight: <b>460 kg</b>	Dimensions <b>278X80X165 cm</b>

#### ADDITIONALLY

This equipment does not support hydraulic options.

*Patented and protected product*







# TIZONA 10

CÓD. MATZ08



## Maximum 3x3 traction

The smallest version of the entire range, but with magnificent features, capable of adapting to any crop.

Two driving positions, one in each direction of driving, which makes driving easier.

Hydraulic system with three-wheel drive, offering maximum manoeuvrability in the greenhouse.

Spraying system with independent drive by means of a 7 HP petrol engine placed in the upper rear part.

Front and rear light to increase its efficiency in the crop.

### SPECIFICATIONS:

Engine <b>14 HP</b>	Fuel system: <b>Petrol</b>	Drive system: <b>Hydraulic. 3x3</b>
Spraying motor <b>7 HP</b>	Fuel system: <b>Petrol</b>	Water pump <b>50L   40BAR</b>
Spaciousness <b>350 litros</b>	Weight <b>460 Kg</b>	Dimensions (LxAxH) <b>225x82x133</b>

### EXTRAS

Rake or hydraulic brush accessory, depending on whether the crop is sandy or covered with netting or plastic.

*Patented and protected product*









## GT multifunction

Art. MAGT01



## Traction unit

Multipurpose agricultural machine with features that make it one of the most functional equipment on the market.

This unit includes a stabilizing device that allows it to be used as a means of transportation throughout the site. Their dimensions allow you to move between the growing lines with the help of various equipment that can be attached to the trailer system.

## CHARACTERISTICS

Easy control with throttle steering and disc brake. 9.5 liter/sec petrol engine with a clutch and 2 speed gearbox. Steering wheel with a 360 ° rotation, which allows you to use the platform in both directions without the need for reversing and with the operator, always in the direction of forward movement.

### SPECIFICATIONS

Drive motor: <b>9,5 l/sec</b>	Fuel system: <b>Petrol</b>	Gearbox: <b>2 speeds</b>
Operation controller: <b>360°</b>	Accessory for coupling: <b>Reversible</b>	Optionally: <b>Electric start</b>
Safety: <b>Disc brakes</b>	Weight: <b>120 kg</b>	Dimensions: <b>135X56X145 cm</b>

### REPLACEMENT ACCESSORIES:

Pallet truck	300 liter tank	Vertical beams
Platform 200X100	Rake	Stabilizer



[Link to demo video](#)



## PALLET TRUCK

- Pallet truck, used in transporting and moving pallets to optimize working time, with a maximum carrying capacity of 750 kg.
- For pallets from 1000 x1.200 with a maximum lifting height of 45 cm from the floor using a hydraulic lift in manual or electric mode.
- Safety guard for pallets filled with goods.



## STABILIZER

- This accessory allows you to use it as a vehicle, and also serve as a support for fastening various additional equipment that has traction units.



## PLATFORM

- Prepared platform for the transport of goods.
- Can be fixed or with rollover.
- In the case of tipping can be manual or hydraulic.





## HYDRAULIC RAKES

- Rakes are a very effective tool for any kind of agriculture with high profitability due to its efficiency, speed and ease of operation.
- They are used to clean and collect plant residues. There are two versions:
  - with teeth for planting on the ground.
  - with a brush for hydroponics covered with soil. In this case, the brush has a design that does not damage the flooring.



## 300 L TANK

- The accessory is intended for the use of phytosanitary products.
- Capacity 300 liters of nutrients with a 50l / min spray pump and 40 bar of pressure and a 7-liter gasoline engine. with.
- Includes mixer, ceramic diffusers and main filters for pump suction.



## VERTICAL BEAMS

- Additional device for processing vertical beams.
- It adapts to the traditional system by directly connecting the hose.
- Spray beams can be made at different heights.
- The mounting system and diffusers are independent, you can choose the desired treatment and its direction at any time.
- Ceramic diffusers of two types: conical or flat.









**Unit per 1000  
liters**

**Art. MAGR04**

## ALL-TERRAIN VEHICLE

- Equipment with a 1000-liter tank for transportation and spraying for any agricultural crop.
- This trailer has several coupling options depending on the prime mover with the user. It is equipped with an electric motor or a combustion engine as required and a spray pump.

### SPECIFICATIONS:

System: <b>Trailed</b>	Pneumatic tires : <b>10x80 R12</b>	Water pump: <b>501 - 40 bar</b>
Dimensions: (L*H*W) <b>380X110X130</b>	Weight: <b>170 kg</b>	Spaciousness: <b>1000 l</b>

### ADDITIONALLY

Engine	<ul style="list-style-type: none"> <li>• Internal combustion</li> <li>• Electric</li> </ul>
Coupler	<ul style="list-style-type: none"> <li>• Guide rail</li> <li>• Sphere</li> </ul>
Hose on the spool (1 or 2)	
Spray gun	
Hose 0-100 meters	

### ADDITIONALLY

- As additional services that may include:
- One or two hose holders for each side.
  - Pressure hose
  - Spray gun
  - For road traffic





## SEMI-AUTOMATIC SPRAYER

Art. MATB01

### Pipe rails

- Spraying equipment for cultivation systems with pipe rails
- If necessary, the operator is loaded for use and can perform procedures.
- Hose winding with automatic adjustment depending on the processing speed with a capacity of 100 m hose.
- High-tech electric system "Siemens", with speed control and batteries for 147A / h drive, electronic charger included.
- Adjustable processing height in accordance with the greenhouse. .

#### SPECIFICATIONS:

Dimensions: (L*H*W) <b>195X60X180</b>	Weight: <b>190 kg</b>	Spaciousness: <b>800l</b>
Traction roller: <b>Metal</b>	Wheels: <b>Aluminum / rubber 200</b>	Beams for processing: <b>5 exits</b>

#### ADDITIONALLY

Traction roller	• Polypropylene
Beams for processing:	• From 10 exits • From 12 exits
Hose	• Ø10 mm
Additionally	• 2 exits



[Link to demo video](#)





# ROBOT SPRAYER

Art. MATB02

## Robot Sprayer

- Robot Sprayer has the highest technology for phytosanitary use in greenhouses with pipe rails.
- The operator controls two robots simultaneously, optimizing time and increasing efficiency.
- Innovative drive system on rail pipe with maximum drive and outer wheels with rubber profile.  
The design is made of stainless steel with the back painted part to ensure the long service life of the robot.
- Dual cutting-edge technology with easy-to-use and intuitive Ip55 touchscreen:
  - Laser guidance with proximity detector
  - Guided by the programmed distance within the cultivation line.
- High-performance machine for winding and collecting hoses with speed adjustment in accordance with the processing rate and gradual alignment during automatic collection.

### SPECIFICATIONS

Spaciousness:	Carcass:	Beams for processing:
<b>800 l</b>	<b>Stainless steel</b>	<b>2 (6 exits)</b>
Traction roller:	Battery:	Wheels:
<b>Metal</b>	<b>24 V (2X157A /h)</b>	<b>Aluminum / Rubber 200</b>
Dimensions: (L*H*W)		
<b>195X70X180</b>		

### ADDITIONALLY

Traction roller	• Polypropylene
Hose	• Ø10mm
Additionally	• 2 exits

### ADDITIONALLY

Triple treated rod, front and two side for maximum coverage during application



[Link to demo video](#)





## ELECTRIC GREENHOUSE FORESTS

Art. MAEL01



[Link to demo video](#)

*Patented and protected product*

## ALL-TERRAIN VEHICLE

- Electric scaffolding is the necessary equipment for working inside the greenhouse.
- Access to the inside of the platform through a recess embedded in the structure using removable steps.
- Large diameter wheels make work possible on any type of soil, including very sandy soils.
- Steering wheel control with a high-quality steering wheel and an integrated steering system ensures ultra smooth operation with every maneuver.
- Rear wheel drive with unlocking.
- Control of the control panel with digital battery indicator, motion selector, speed controller potentiometer at the request of the operator. LED power indicator.

### SPECIFICATIONS:

Spaciousness: <b>500 L</b>	Battery: <b>2X120 A /h</b>	Traction power: <b>200kg</b>
Weight: <b>180 kg</b>	Dimensions: (L*H*W) <b>200X70X200 cm</b>	Control: <b>With cable</b>

### ADDITIONALLY

Steps	· Niche fixation
Control	· Wireless
Platform	· Aluminum
Battery	· 157 A
Engine	· 800 W
Wheels	· 18 Garden
Steering wheel	· With power button
Height	· Additionally

### ADDITIONALLY

Check out all the options and accessories available for electric scaffolding and start optimizing your crops.



In the field with sand | ANDAMIO ELÉCTRICO





Night work option



Easy access



Electric scaffolding  
ANDAMIO ELÉCTRICO



3D-design, made  
by the team  
of engineers  
"Amate".







## HYDRAULIC ELECTRIC FORESTS

Art. MAEL02

### ALL-TERRAIN VEHICLE

- Electric scaffolding with automatic hydraulic lift, specifically designed for work in greenhouse systems, which makes work possible at different heights without the need for the operator to leave the working platform
- Large lifting capacity due to the hydraulic cylinder supplied through a mini-power station to 24 V.
- Special traction batteries for the use of electric cars with built-in charger.
- Equipped with wheels with pneumatic tires and with a drive on two rear wheels.
- The direction of the device is controlled by a joystick mounted on the control panel.
- Equipped with pneumatic wheels for off-road work with two rear wheels.

#### SPECIFICATIONS

Spaciousness: <b>800l</b>	Battery: <b>2X120 A /h</b>	Traction power: <b>290 kg</b>
Weight: <b>320 kg</b>	Dimensions: (L*H*W) <b>190X80X180 cm</b>	System: <b>Hydraulic</b>
Direction: <b>Yostick hydraulic</b>	Tier height: <b>290 cm</b>	Control: <b>Cable</b>

#### ADDITIONALLY

- Increased payload.
- Various control programs of the control panel.
- Lateral stabilizers for special work.
- Box for add. equipment.



[Link to demo video](#)







## ELECTRIC SCAFFOLDINGS OF RAIL PIPES

Art. MAEL04

### Rail pipes system

- The main features of this model is the location of the working platform at different heights, depending on the needs of the operator, this change in height occurs manually.
- Traction batteries and with built-in electronic charger.
- It includes a digital battery indicator to know the state at any time.
- Traction rollers are metal for good grip inside the rail.
- Fully removable for transportation and high rigidity use.
- Work platform made of anti-slip aluminum.

#### SPECIFICATIONS

Power: <b>500W</b>	Battery: <b>2X120 A/h</b>	Traction power: <b>200kg</b>
Weight: <b>170 kg</b>	Dimensions: (L*H*W) <b>200X60X200</b>	Control: <b>Cable</b>

#### ADDITIONALLY

Steps	· Is recommended
Platform	· Aluminum
Roller	· Polyurethane

#### ADDITIONALLY

- Traction roller in anti-slip rubber profile.
- Additional lift height.
- Customization to adapt to any type of cultivation.



[Link to demo video](#)







## ELECTRIC SCAFFOLDINGS “EASY”

Art. MAEL03

### *Rail pipes system*

- This is the lightest model in the entire range of electric scaffolding, the working platform is manually adjustable at different heights.
- Specially designed for work in greenhouses with a rail heating system.
- Adjustable and variable speed control system depending on the needs of the work.
- Fully removable for transportation and provides high rigidity.
- The ideal model for agricultural crops, where it is impossible to introduce a large amount of weight.
- Traction batteries with built-in electronic charger.

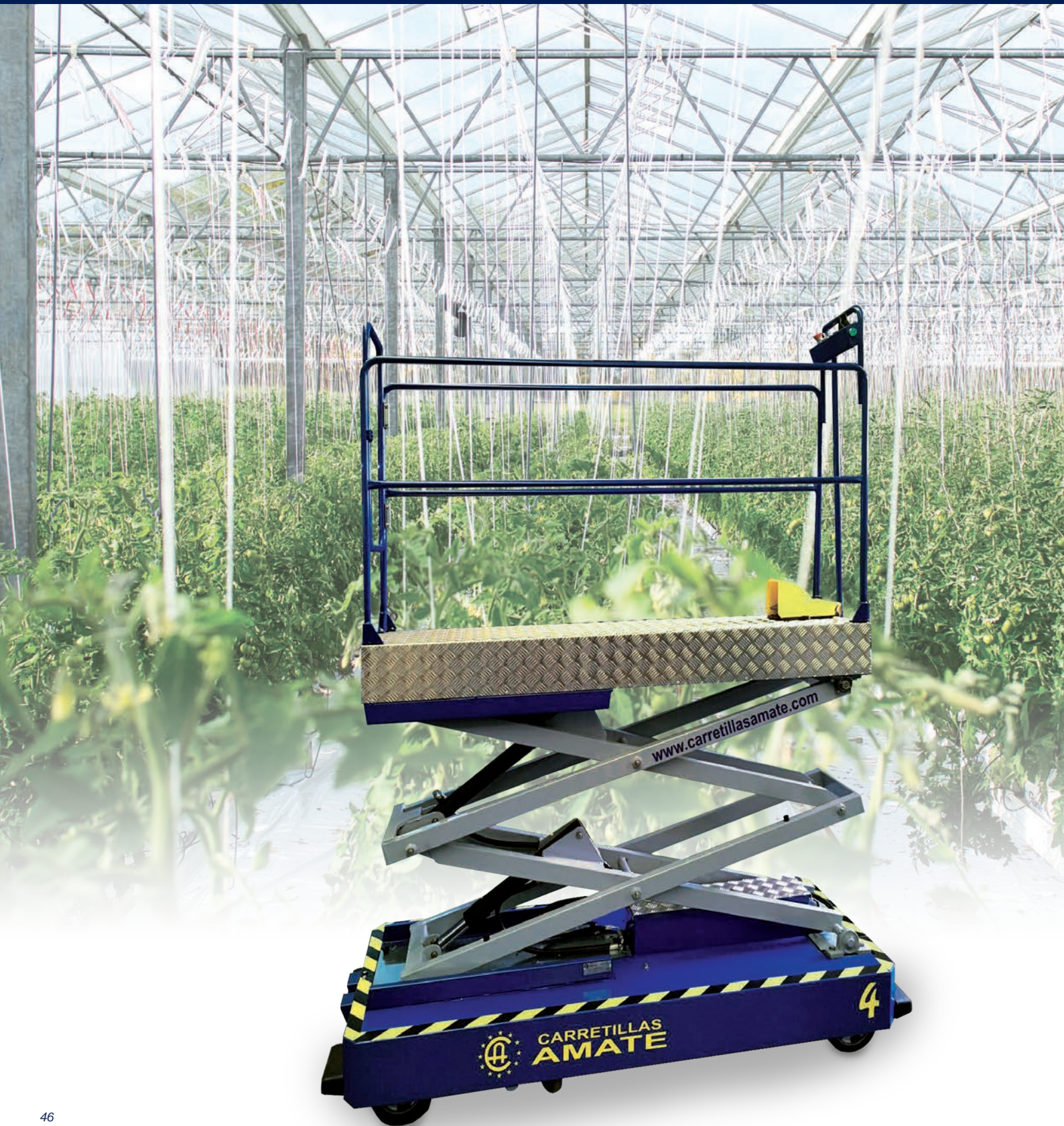
#### SPECIFICATIONS

Power: <b>500W</b>	Battery: <b>2X120 A/h</b>	Traction power: <b>170kg</b>
Weight: <b>130 kg</b>	Carcass: <b>8 fixed steps</b>	Dimensions: (L*H*W) <b>200X60X250</b>

#### ADDITIONALLY

Steps	· Dismantlable
Platform	· Aluminum
Roller	· Polyurethane







## ELECTRIC SCAFFOLDINGS HYDRAULIC RAIL PIPES

Art. MAEL05

### Rail pipes system

- Electric scaffolding with automatic hydraulic lift, specially designed to work at different heights in greenhouses with a heated pipe.
- Hydraulic lateral displacement.
- Adjustable, variable speed control system depending on the purpose of work.
- It is equipped with a heavy-duty hydraulic lift.

Option on polyurethane rollers, which are fully suitable for the rail tube system and prevent its damage.

- Rubber gadgets at the ends of the chassis that soften possible bumps.
- Traction batteries with digital display on the control panel.

#### SPECIFICATIONS

Power: <b>800W</b>	Battery: <b>2*157 A/h</b>	Traction power: <b>320 kg</b>
Weight: <b>270 kg</b>	Dimensions: (L*H*W) <b>200X60X200 cm</b>	System: <b>Hydraulic</b>
Wheels: <b>Hydraulic</b>	Maximum height: <b>290</b>	Control panel : <b>Cable</b>

#### ADDITIONALLY

Electric power	• 140 A
Battery	• 157 A
Traction roller	• Polyurethane
Cylinder of elevator	• 1 • 2
Automatic	• Siemens



[Link to demo video](#)





## HYDRAULIC PALLET TRUCK

Art. MAPT01

### ALL-TERRAIN VEHICLE

- Fully hydraulic control system with adjustable speed, depending on the need of work.
- Driving direction with gearbox system.
- The lift is equipped with a hydraulic cylinder and a reinforced steel structure.
- Nails are adjustable in width to center the dimensions of pallets or weights.
- Pneumatic wheels have a large lifting capacity with a traction profile for any type of terrain.
- Steering wheel with a driving wheel.
- Working platform on both sides for the operator.

#### SPECIFICATIONS

Power: <b>11 l/sec</b>	Traction: <b>Hydraulic</b>	Traction power: <b>800 kg</b>
Fuel system: <b>Electric</b>	Weight: <b>575kg</b>	Dimensions: (L*H*W) <b>260*160*150</b>
Ignition: <b>Electric</b>	Cargo width: <b>120cm</b>	Lift height: <b>45cm</b>

#### ADDITIONALLY

Elevation	• 150 cm
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[Link to demo video](#)







### Crop lighting

- Carriled is a design where newly grafted seedlings are placed inside for optimal care and intensive development.
- LED backlight system to improve rooting, graft melting and plant growth.
- Capacity for 4 trays (70 x 48.5 cm) on the floor.
- It is made of hot dip galvanized steel, specifically to prevent corrosion.
- Insulation is possible with a transparent sealant with polymer on the sides, floors and ceiling.
- Wheels: 2 rotating + 2 fixed (super elastic).



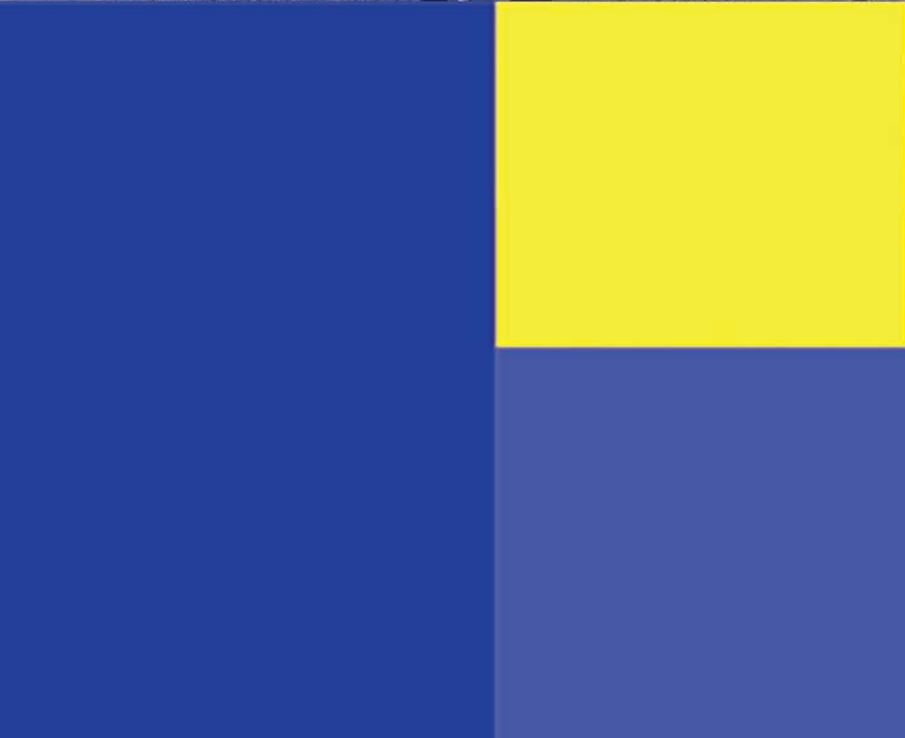
BACKLIGHT FOR SEEDLINGS (CARRILED)		
Electricity: <b>110-230V</b>	Light: <b>LED light</b>	Tightness: <b>IP67</b>
Carrier power: <b>400kg</b>	Dimensions: (L*H*W) <b>260X76X230 cm</b>	Consumption: <b>100 W</b>
Number of levels: <b>5</b>	Qty: <b>20</b>	Compound: <b>Plural</b>

ADDITIONALLY	
Levels	· 4 or 6
Dimensions: (L*H*W)	· Extended
Sheathing	· Transparent polycarbonate

CROP LIGHT  
“GROWLED  
WATERPROOF”



Images of grow light indoors.







# GUIDES / 02





## SPRAYER WITH DECORATED TOP

Art. CASF10



[Link to demo video](#)

### *With adjustable nozzle*

- Manual spray trolley.
- This model is the most versatile in its adaptability to the landing frame.
- It is manufactured with 4 pneumatic ball bearing wheels for optimum performance.
- Galvanized steel carcass.
- Adjustable in height.
- Hose with a connector with a system that removes turns.
- Accessories box for spare parts.
- The optimal distance from the nozzle to the plant between 30 и 35 cm.
- Removable for transportation.

#### 8B Specifications

Подъем: <b>250 m</b>	Nozzle: <b>8</b>	Weight: <b>27,5 kg</b>
Dimensions: (L*H*W): <b>190X50 cm</b>	Battery: <b>12-24 B</b>	Wheels: <b>3,50-8</b>

#### 10B Specifications

Art. CASF11

Lifting: <b>300 m</b>	Nozzle: <b>10</b>	Weight: <b>29,2 kg</b>
Dimensions: (L*H*W): <b>240X50 cm</b>	Battery: <b>12-24 B</b>	Wheels: <b>3,50-8</b>

#### 12B Specifications

Art. CASF12

Lifting: <b>350 m</b>	Nozzle: <b>12</b>	Weight: <b>32,7 kg</b>
Dimensions: (L*H*W): <b>270X50 cm</b>	Battery: <b>-</b>	Wheels: <b>3,50-8</b>

#### ADDITIONALLY

Pipe Rail System	One Additional Entrance
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HARVESTING  
TROLLEY

Art. CARE35

Reinforced

- Harvesting is one of the most demanding works with different typologies and forms, depending on the presentation of each manufacturer.
- In this model, the trolleys are presented with various options, shapes and finishes to meet the needs of each farmer.
- Design in a welded steel profile treated with electrostatic paint to increase its strength.
- The picture shows the model “full range”, equipped with: massive axles, pneumatic wheels, ball bearings, in blue color.

HARVESTING TROLLEY		Art. CARE35
Dimensions: (L*H*W) 90X50X70 cm	Weight: 180 kg	Weight: 22,1 kg

On this model, you can add all these different features:

ADDITIONALLY	
Wheel	<ul style="list-style-type: none"><li>• 260 not pierced needle</li><li>• 350 pneumatic wheel</li><li>• 350 pneumatic balls</li><li>• 350 uncut needle</li><li>• 350 pneumatic balls</li><li>• 360 cross-needle</li></ul>
Axis	<ul style="list-style-type: none"><li>• Array</li><li>• Retractable</li></ul>
Coupling	<ul style="list-style-type: none"><li>• Galvanized</li><li>• With crochet</li></ul>
Welding mesh	<ul style="list-style-type: none"><li>• 2 drawers</li><li>• 3 drawers</li></ul>
Shield	<ul style="list-style-type: none"><li>• 2 drawers</li><li>• 3 drawers</li></ul>
Type	<ul style="list-style-type: none"><li>• Train</li><li>• Pipe rail</li></ul>
Color	<ul style="list-style-type: none"><li>• Min 50 units</li></ul>
Dimensions	<ul style="list-style-type: none"><li>• Manufactured to size</li></ul>



## TAPE FOR PACKING

Art. CARE71

### *From the field to the table*

- A model designed to collect, clean and place fruit directly in a container that will be sent to its final destination without further manipulation.
- The tray holder frame is expandable to accommodate any packaging on the market.
- Inside there is a removable tray for placing items needed for packaging (paper, scissors and brush).
- An empty packaging container is stored at the bottom for subsequent filling.





## **TURNING PIPE RAIL HARVESTOR**

**Art. CARE108**

### ***Large load and 360° motion***

- heavy load carrying capacity and easy slip on rail pipes.
- The inlet and outlet of the cultivation is simple and smooth due to the 360 ° movement system, performing any simple maneuver on its own axis.
- Nylon rollers with ball bearings and massive shafts for greater lifting capacity.
- The platform on the Finnish board is treated with anti-slip laminate.



## TRANSPORT PLATFORM

Art. CAPL07

### *Reinforced*

- Trolley for transporting goods inside and outside the fields of cultivation.
- 4-wheel system with two swivel forks for ease of handling.
- Reinforced carcass with 2 mm steel floor.
- Option special measures.

#### SPECIFICATIONS

Art. CAPL07

Dimensions: (L\*H\*W)  
200X100 cm

Weight:  
700 kg

Weight:  
74 kg

Art. CAPL06

Dimensions: (L\*H\*W)  
150X80 cm

Weight:  
500 kg

Weight:  
69 kg





**TELESCOPIC  
TRANSPORT  
PLATFORM**

**Art. CAPL17**

**Telescópica**

- Trolley for transporting goods inside and outside the fields of cultivation.
- 4-wheel system with two swivel forks for ease of handling.
- Narrower dimensions allow to work in places where other trolleys cannot pass.
- Reinforced carcass with 2 mm steel floor.

**Art. CAPL16**

**Art. CAPL17**

**Art. CAPL18**

SPECIFICATIONS		
Dimensions: (L*H*W) <b>140X53 cm</b>	Weight: <b>560 kg</b>	Weight: <b>50 kg</b>
Dimensions: (L*H*W) <b>160X53 cm</b>	Weight: <b>560 kg</b>	Weight: <b>55 kg</b>
Dimensions: (L*H*W) <b>180X53 cm</b>	Weight: <b>560 kg</b>	Weight: <b>60 kg</b>



## ANGULAR SEED PLOT

Art. CASE010

### *Leaf angle*

Trolley for transporting trays in seedlings.

Can be made by special measurements. 125 Massive wheels of aluminum alloy.

#### SPECIFICATIONS

Dimensions: (L\*H\*W)  
**101X180X140 cm**

Weight:  
**450 kg**

Pallet:  
**70\*49 cm**

Levels  
**7**

Pallets for floors  
**4**





## Rail Seed Plot

Art. CASE036

### *Round tube*

Trolley for transporting trays to a seed plot or truck. Can be made by special measurements. Pneumatic wheels 3.00-4 with front rotatable plugs.

#### SPECIFICATIONS

Dimensions: (L\*H\*W)  
**76X190X220 cm**

Груз:  
**450 kg**

Levels  
**7**

Pallets for floors  
**4 or 6**



*Patented and protected product*



[Link to demo video](#)

## Usual

- Manual scaffolding to work at height.
- Designed for use with dense floors.
- Adjustable in height.
- Work platform with non-slip high strength reinforced wooden plank.
- Pneumatic wheels of large diameter (400 mm) and designed for sand cultures.
- Ball bearings for proper movement.
- Galvanized and height-adjustable railing.

### SPECIFICATIONS

Dimensions: (L\*H\*W)  
**67X200X200 cm**

Weight:  
**110kg**

Weight:  
**65kg**





## TRACTION AND MANUAL DIRECTION SCAFFOLDING

CÓD. CAAN10

*Patented and protected product*



[Link to demo video](#)

### ***Manual traction***

- Traction and manual handling scaffolding
- Designed for structures used with compacted ground
- Height-adjustable
- Work platform with reinforced wooden board with high anti-slip resistance.
- Large diameter pneumatic wheels (400mm) and special for sandy crops.
- Front wheel traction, rear wheel steering.
- Available in different heights

#### CARACTERÍSTICAS

Dimensions (LxAxH)  
**185x75x200cm**

Load  
**110Kg**

Weight  
**170Kg**



## Pipe rail scaffolding

Art. CAAN19

### *Pipe rails*

- Manual scaffolding for working in greenhouses with rail pipe system.
- Steel carcass painted in the furnace.
- Removable design for optimal transportation.
- Work platform with reinforced wooden plank, adjustable in height.
- 125 Nylon wheels - super elastic rubber wheels.
- Nylon rollers with bearings.

#### SPECIFICATIONS

Dimensions: (L\*H\*W)  
**67X200X200 cm**

Load:  
**110kg**

Weight:  
**75kg**





Field trolley

CÓD. CACA04

One wheel

- Trolley for the transport of goods in and out of the fields.
- This is the traditional system of transport through places where access is complicated. Its one-wheel system makes it possible to transport through highly volatile crops without damaging them.
- Watermelon and melon harvesting rail option.
- Special measures option

CARACTERÍSTICAS			
COD.CACA04	Dimensions (LxAxH)	Load	Weight
	120x52cm	200Kg	17,6Kg
COD.CACA06	Dimensions (LxAxH)	Load	Weight
	120x52cm	130Kg	15,3Kg



## TRANSPORT TROLLEY FOR GRANARIES

Art. CAAL02 | Art. CAAL09

## GRANARIES

- Trolley for transporting agricultural packaging.
- Reinforced carcass for intensive work in cooperatives and granaries.
- Ergonomic wooden handle for added comfort.
- Shovel from wear-resistant steel with a thickness of 6 mm.
- Special support step for comfort during operation.
- Supplement at a removable height.

### SPECIFICATIONS

Spade sizes  
25X24 cm

Weight:  
150 kg

Weight:  
22 kg





## TRANSPORT TROLLEY FOR SMALL PRODUCTS

Art. CAPQ10 | Art. CAPQ02

### *Small goods*

- Trolley for transporting small goods and barrels.
- Reinforced carcass for intensive work.
- Robust carcass with solid steel shaft.
- Bottom reinforcement on the shovel.
- The barrel model is made in the shape of a crescent for easy transportation.

#### SPECIFICATIONS

Spade sizes  
**50X23 cm**

Weight:  
**150 kg**

Weight:  
**14,5 kg**

#### ADDITIONALLY

Wheel

- Solid
- Pneumatic

Art. VEZA30



## Aluminum stilts

- Integrated aluminum production increases rigidity and ease of handling, with a weight of 3.1 kg.
- A platform adapted to any shoe by fixing self-adjusting tapes.  
Different heights, 30, 40 and 50 cm

Art. VEZA70



## Articulated stilts

- The hinge model is made of aluminum weighing 5.8 kg and for adaptation to terrain with a double attachment system between the leg and the foot. It is adjustable at different heights from 60 to 110 cm.
- With wear-resistant elements and easy replacement of parts.

Art. CARE132



## Trolley for collecting train type

- Designed for the collection and subsequent transportation of train type, attached to each other on both sides.
- Equipped with a solid shaft with an amplifier and a folding spear for use in a fixed or rotating mode.  
Extensible model for any container type.

Art. VEUT06



## POLLING MACHINE

- - It is a bifunctional manual control tool for sandy crops, with height and depth adjustment.
- Accessory for separation of sand and soil furrow for subsequent sowing.  
A sharp blade accessory is inserted under the sand to easily cut out bad stems.





Art. VEUT05

## Knitting machine for raffia

- System for individual cutting of raffia, used when fixing a gardening plant. Raffia distance adjustment.
- Manual garter.



Art. VEUT19

## Trolley with plastic expander

- For expanding plastic over a primer.
- The ability to perform this task by one operator, convenience and speed. Galvanized and expandable steel design for any type of coil from 200-350 cm.



Art. VEUT13

## Awl with rubber tip

- A fitting that facilitates spraying prevents the hose from rubbing against plant cultivation.
- Yo-yo is made of polypropylene reinforced with anti-wear caps.



Art. VEUT15

## Pepper knife

- Specially designed and sharp stainless steel blade for continuous movement between the vegetable mass, avoiding the puncture of the fruit due to its round tip design.
- Ergonomic handle for manipulation.



Art. CAPM02

## Hose clamp

- Use for the orderly storage of the hose.
- Capacity up to 200 meters for hose and manual binding.
- Small size for optimal storage.



Art. CAPM08

## Clamp for hoses with water hole

- Equipped with a system without bends for the passage of water, in order to not unwind the entire hose, and use the necessary meters.
- Galvanized and removable coil with up to 100 meters capacity.



Art. VEUT01

## Rake

- Reversible portable rakes for collecting discarded vegetation between the lines of cultivation.
- Ability to work in both directions within the line.
- The handle is height adjustable.
- Teeth length: 40 cm
- Painted steel carcass.
- Number of teeth: 7.
- Load capacity: 20 kg



Art. CAAS01

## Trolley with seat

- The trolley seat provides great comfort when working at low altitude (avoiding squats).
- Equipped with a 360 ° swivel seat and adjustable at 4 heights.
- Finished carcass to accommodate 1 or 2 box brackets (50 x 40 cm) on both sides.
- Adjustable seat height: 36 – 40 – 44 – 48 cm



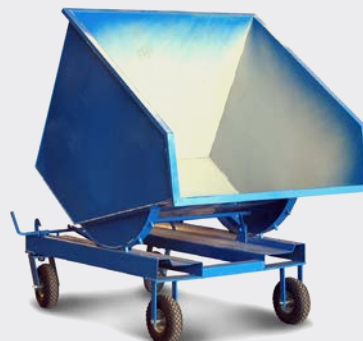
Art. VEUT22



## Manual Sulfur Diffuser

- Convenient and simple use of sulfur or any product and type of granules, with a mill system and manual flow rate control to control the required dose.
- Polyethylene container with a capacity of 50 kg

Art. VEUT70



## Tipping container

- Reinforced rail tank for transporting plant waste from cultivation outside using manual drag, equipped with pneumatic wheels, as well as with the possibility of transport by machine.
- Different finishes according to need, with a capacity of 1000 liters.

Art. VETQ40



## Lockers 40

- This individual locker is 40 cm wide with one access door and a hanger for working clothes and shoes separately below, as well as an upper shelf for any items.

Art. VETQ4030



## Lockers 40-30

- Lockers with 3 doors with hangers for clothes and other items, as well as on the narrow part with clothes hanger and bottom for shoes.



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