



# Product Overview

## Contact



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*Partner in Growing*

# Potting machines

Javo's wide variety of potting machines offers the perfect solution for potting all types of plants, trees and bushes in both pots and bags. Several machines have been developed for bare root plants as well. Javo BV can customize potting machines with optional modules to meet the potting needs of any greenhouse or nursery.



## Javo Ecobasic

This small, strong potting machine is a workhorse suitable for pots from 8-21 cm. The fast, easy central adjustment allows for quick, perfect changes between pot sizes. The Ecobasic is technically advanced and extremely mobile, allowing for easy relocation.



## Javo Standard

A classic machine that revolutionized the industry, the Javo Standard is suitable for virtually all cultures and soil mixes. The Standard can handle square and round pots from 5-19 cm and can also be equipped with bag holders. Best of all it can be set-up as a twin system to double capacity and also to allow for continuous potting.



## Javo Standard SE

Similar to the classic Standard, the Standard SE uses a specially-constructed soil elevator that plows through heavy and moist soils. With a large, efficient work space, this machine can be placed virtually anywhere.



## Javo Plus

This round-track potting machine is the most compact in the Plus series and is suitable for pots from 9-23 cm. The fast, easy central adjustment allows growers to quickly switch between pot sizes, saving time and money. With a gear drive pot track and belt-driven elevator, the Plus series is quiet and extremely low-maintenance.



## Javo Plus M 2.0

Javo's most advanced machine, the Plus M 2.0 is suitable for 10-32 cm (12 liter) pots. A versatile workhorse, this machine can fill and drill for potted plants, is a champion with bare root stock and large enough to handle a variety of greenhouse and nursery challenges. Like the other members of the Plus family, the Plus M 2.0 uses a fast, easy central adjustment for quick changes between pot sizes, saving time and money.



## Javo Plus X

The largest of the Plus series, the Plus X is designed for large, heavy pots in the 19-38 cm range. With a separate electronic adjustment for the soil supply, the Plus X allows for precise metering of the soil and helps prevent damage to the soil structure.



## Javo Super

Another Javo classic, this potting machine quickly processes pots from 5.5 to 24 cm and, with the appropriate module, can even handle pots up to 40 cm. The unique paddlewheel soil elevator makes this machine technically perfect and extremely user-friendly while its proven reliability ensures high levels of productivity.



## Javo Super Mega

Built with the chassis of the classic Javo Super, the Super Mega provides an even larger working area at the pot track. The Super Mega can handle a large variety of pot sizes and the spacious work area is also height-adjustable to make it ideal for large, heavy pots.



## Javo Optima

This machine is designed to work with heavy or coarse soils and can handle pots from 8-29 cm. The patented, adjustable pot track disc and soil supply system make this machine a productivity workhorse.





## Javo Minimax

The Javo Minimax is one of the most versatile potting machines in the Javo family. It can fill a large variety of pots without any adjustment. Its push-button operation is user-friendly and its rotating pot support allows for consistent filling of each pot.



## Javo Directomatic

The only perfect solution for semi-automatic potting of bare root plants such as Phalaenopsis, the Javo Directomatic delivers both uniformity in your product and labor savings of up to 40% compared to conventional potting methods.



## Javo Unimax

A monster pot-filler, the Javo Unimax can handle pots up to 100 liters, as well as bags and trays. With its unrestricted soil flow, it can efficiently fill whether the root system is large or small.



## Javo Collar Applicator

The Javo Collar applicator is the solution for improving results in orchid-type plants. The plants are automatically supplied with a collar, preventing leaf damage and improving plant handling.



## Javo Unimax XXL

Built on the proven base of the Unimax, the Javo Unimax XXL is larger and longer. It handles pots up to 100 liters, but also turns the pots for even filling and is programmed to precisely measure the amount of soil for each point. It turns heavy filling into light work.



## Javo CleanLight

The Javo CleanLight system can be used in combination with the Javo Collar Applicators. It will disinfect with a UV light that is harmless to the plants and workers. It can also easily be integrated with the Javo disc system.



## Javo Easytopper

The Easytopper delivers a cover layer to the top of the pot to prevent weed development and retain moisture – saving money for nurseries and greenhouses. The Easytopper is suitable for round or square pots and pot sizes can be changed quickly and easily with a single adjustment.



## Javo Watering System

Javo offers a number of systems to provide optimal, automated watering of pots and trays through a balanced spraying technique.



## Javo Direct

Javo's patented Direct is designed to pot bare root stock and is perfect for Orchids. The unique, direct substrate return system means there is no damage to the bark and results in consistent, optimal growing conditions.



## Javo Dispenser

A pneumatic fertilizer dispenser for granular fertilizer. The system can be mounted to virtually every potting machine, but is also available as a stand-alone unit. The amount of fertilizer per pot is adjustable based on pot size.



# Tray Automation

A complete program for a wide variety of tray sizes. These machines can be easily combined with each other to comprise a fully-integrated line. The Javo tray system offers a complete line of automation for dispensing, filling, dibbling and watering trays. Virtually any layout is possible. Best of all, because Javo works closely with tray and pot manufacturers, we can guarantee proper functioning.



## Javo Excellent

A perfect solution for automatic dispensing of a variety of trays onto a conveyor or belt. Innovative techniques guarantee a quiet and smooth operation. The machine is virtually soundless and the standard protection shields guarantee maximum safety.



## Javo TRO600

A very compact and simple machine for automatic dispensing of a variety of 6-pack and 12-pack trays. The TRO600 is available as stand-alone unit with a conveyor belt, but can also be combined with a Javo tray fill machine into a complete line



## Javo Rotofill

This unique, reliable tray filler will provide high-quality, consistent results on trays up to 45 cm wide. The Rotofill is equipped with vibration units both under and over the trays to provide 100% consistency when filling any size opening.



## Javo Quickfiller

This compact, economical tray filling machine is suitable for a large variety of trays. The adjustable speed soil belt allows for high capacity and the machine delivers consistent, reliable results, saving you time and money. This machine is also suitable for 1-phase power.



## Javo PITA

The Javo Pot-In-Tray Dispenser automatically places empty pots into trays. The automation of this repetitive, costly task saves money and labor, and can be fully customized to meet your needs. In combination with a Javo Excellent, a complete line can be arranged.



## Javo Matrix

The latest development for filling pots in trays with soil. With its unique transportation system, the Javo Matrix offers a high output of trays per hour and a uniform, high quality, and precise fill for each pot. It even is possible to process different, staggered patterns.





## Javo Dibble Station

The user-friendly Javo Dibble Station not only allows for easy planting, but also helps you grow a high-quality, consistent crop since the holes are always dibbled dead center and to the perfect depth.



## Javo Traytopper

This machine delivers a cover layer to the top of the tray in order to prevent the development of weeds. The Traytopper is suitable for a variety of trays. With a simple adjustment, the machine can be adapted for different pot sizes.



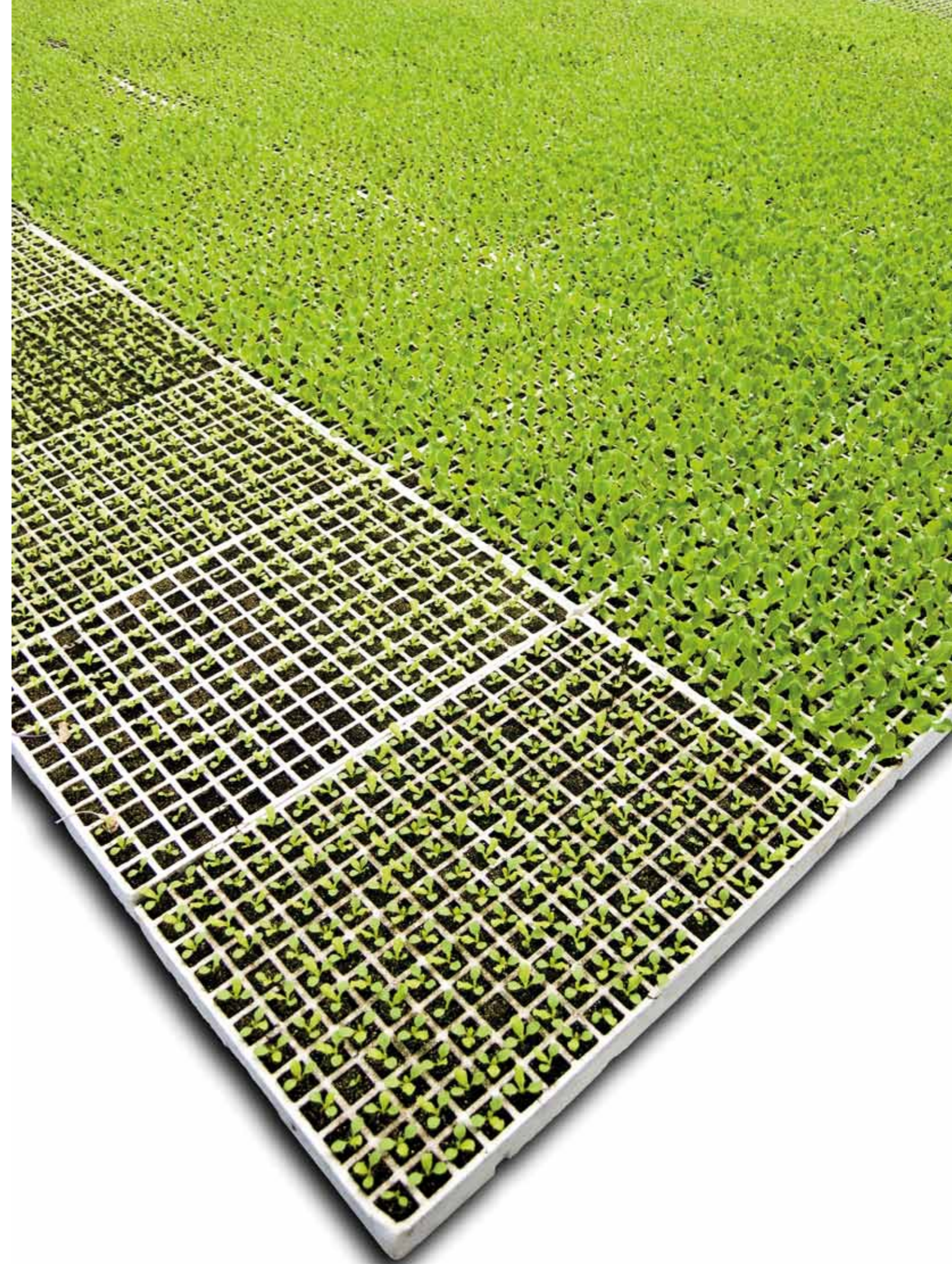
## Javo Tray Cleaner

A maintenance free, simple to use machine, to rinse and optionally disinfect virtually all kinds and sizes of trays. The trays will be placed on a continuously moving conveyor belt with a special profile (Cleats) and adjustable speed.



## Javo Watering System

Javo offers a number of systems to provide optimal, automated watering of pots and trays through a balanced spraying technique. The systems use an open, maintenance-free conveyor to allow for recycling the water.







# Substrate Handling Systems

Javo provides many choices and possibilities for supplying and processing substrates. The systems provide for maximum structure preservation, volume and moisture, and are suitable for processing soil, other substrates and even waste bulk material. Javo substrate systems also offer easy integration to existing lines, even for other suppliers.



## Javo Big Bale

An electrically driven tilting system, suitable for a smooth tilting of substrate from a big bale. Its automatic dispensing system delivers the substrate efficiently and worry-free. This machine is suitable for all standard big bales.



## Javo Tilter

A unique, simple to operate, system to empty big bags and different sizes of crates. The Javo Tilter offers a safe and reliable operation and is provided with a hydraulic cylinder and several safety valves, to prevent a free fall in case of a mishap.



## Javo Topfiller

A system to buffer and transport substrate. The Javo Topfiller is available with three different output levels. The required amount of substrate can be set up in advance and will be transported to the desired location with a conveyor belt.



## Javo Big Filler

This mobile soil bunker offers a flexible solution for storing, elevating and accurate dispensing of substrate. The Big Filler is very easy to operate and suitable for many different forms of substrate.



## Javo Mixer

This machine is capable of precise and quick mixing of small amounts of substrate. A volume of approximately 1 cubic meter can be perfectly mixed in 2-4 minutes. The evenly divided additions will promote good results in your crop.



## Javo Belt Bunker

The Javo Belt Bunker is a large, variable storage capacity and will evenly and precisely dispense almost any substrate. The self-supported, strong unit is installed on location and the substrate can be dumped directly into the bunker, which means labor savings for you.



## Javo Toploader

For over 10 years, the solution for storage and distribution of loose substrate, wood chips and (waste) bulk material. A fork, combined with a patented scraping/elevating system, guarantee proper operation and low maintenance.



# Transport Systems

Automated solutions to move, sort and buffer pots and trays. The systems are composed of several standard products. The dimensions, design layout and functions are made to customer's specifications. Javo supplies and installs the entire system. Everything remains very flexible and can be easily combined with different systems.



## Javo Buffer Belt

Buffering and sorting of pots and trays is easy and flawless with this system. The variable lengths and widths of the conveyors offer a fitting solution in any layout. Combine this system with a Javo Push Over Robot (JOR) or Take Off Robot (JAR) for further automation.



## Javo Main Conveyor

A specially designed, quiet and low maintenance conveyor belt for bridging long distances. The belt comes with a stainless steel profile with roller support under the belt. Every part is specifically selected and designed for stable and even functioning.



## Javo Sorting System

In combination with balanced software, the conveyor belt will be used as a plant buffer system. Sorting by height and/or colour creates a fast and efficient delivery process. A large variety of dimensions and customer specifications are possible.



## Javo Take Off Robot (JAR)

Combined with a Javo Buffer Belt, this unique, patented take-off system easily moves round pots from the buffer belt to the take-off belt. The take-off motion has electric speed control, and is both quiet and durable.



## Javo Push Over Robot (JOR)

A standardized solution to move pots and trays quickly and efficiently to a buffer conveyor. A touch screen leads you to a menu of choices custom-programmed to meet your needs.



## Javo Conveyor Belt

Javo conveyor belts are light-weight, but exceptionally strong, with a special frame design suited to the greenhouse and nursery industries. We offer several models and dimensions. The belt is supported over the entire surface, so a very smooth transport is guaranteed also with heavier plants.

## Javo logistic system

Our customer Jim Koot from the company "Van Son & Koot" in the Netherlands is very content with his Javo systems, which are built to his needs and required specifications.

"With this logistic Javo system, we have been able to achieve up to 50% labour savings. In addition, the great advantage is that we have managed to centralize all the work. A very big plus is the improved working conditions."







# Robot Systems

These machines offer an automated solution to buffer, pick up and put down pots and trays. This new generation of robots delivers the maximum return on your investment and can easily be integrated with any other supplier. Combined with other logistic systems, the robots of Javo offer high labour savings and are suitable for almost every potting plant and tree.



## Javo Compact

A linear robot with a unique pick up and placing principal. The Javo Compact can move plants up to 1 meter tall and even handle top-heavy plants in high capacity. Meanwhile, the motion of the robot stays smooth and quiet. It can be integrated in every desired container system.



## Javo Conventional Robot

The Javo Conventional Robot is a universal pick up and placing robot that has been in use in greenhouses and nurseries for more than 20 years. This built-to-last robot is perfect for the pickup and placing of pots on rolling containers, transport wagons and pot positioning conveyors.



## Javo Linea Recta

This robot contains the expertly designed technology of the Javo Compact, combined with new and user-friendly linear technology. Sturdy horizontal and vertical guide systems allow for excellent accuracy in placing and picking up and guarantees superior capacity.



## Javo PPU (Pot-Place-Unit)

After a conveyor belt has supplied the potted plants, the pots are automatically placed on a transport wagon. There are no plant height restrictions. Placing the pots automatically on the transport wagons eliminates heavy and repetitive labour.

## JavoNet

JavoNet is the free and personal online portal of Javo that will offer you even more insight in the use of your machine. JavoNet is a unique service, which can save you lots of time and costs.

### **Online access to your own machine information**

Via a personal portal, Javo customers can have free access to information about their own machine(s). Not only user manuals and maintenance instructions, but also technical information like failure instructions and drawings with spare part numbers. Instruction videos can support you with adjusting the machine.

### **Personal and unique**

Javo customers can apply for an account via the website [www.javo.eu](http://www.javo.eu). Every account is personal and unique. This is possible because every machine is provided with a unique serial number. By this number, Javo can offer a client access to specific areas with information applicable to their specific machines. This way you will have always access to the right up-to-date information.



## About Javo

Javo BV is part of the SIBERU-group.

Together with our subsidiary companies we all work on the development, production and counselling of, among others, potting machines, tray automation, substrate handling systems and robot systems.

In our modern factory we produce and innovate a quality product for our two offices in Holland and North America. Together with a worldwide dealer network, Javo is operating in more than 60 countries.

