

Product overview



JAVO 

for generations of growth

Potting machines

Java'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. Java can customize potting machines with optional modules to meet the potting needs of any greenhouse or nursery.



Java Ecobasic

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



Java Plus

This round-track potting machine is the most compact in the Plus series and is suitable for pots from 9 up to 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.



Java Plus M 2.0

The most advanced machine of Java, the Plus M 2.0 is suitable for 10 up to 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. This potting machine is available in 3 different pot track configurations, each for its own purposes.



Java Plus X

The largest of the Plus series, the Java Plus X is designed for large, heavy pots in the 19 up to 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.



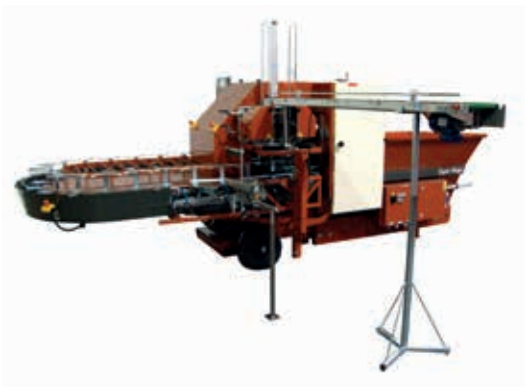
Java Standard 2.0

A mature, fully optimized potting machine, suitable for nearly all pots from 5.5 up to 25 cm. Because of the unique drive technique, the pots move calmly and steady on the pot track and the stop time of the pot is extended, which gives peace in the work process.



Java Super

Another Java classic, this potting machine quickly processes pots from 5.5 up 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.



Java Super Mega

Built with the chassis of the classic Java Super, the Super Mega provides an even larger working area at the pot track. The Java 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.



Java Easytopper

The Java 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 Java Easytopper is suitable for round or square pots and pot sizes can be changed quickly and easily with a single adjustment.



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 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 Pot dispensers

Javo's different pot dispensers have the possibility to be adjusted to the customer's needs. It is possible to use it as a single or double working unit and it can optionally process square pots. The Javo pot dispensers can be extended with air blowers and a pot supply conveyor. Feel free to ask about the possibilities for you.



Mechanical
pot dispenser



Pneumatic
pot dispenser



Pneumatic pot dispenser
with PLC control



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 belt. Innovative techniques guarantee a quiet and smooth operation. The Javo Excellent is virtually soundless and the standard protection shields guarantee maximum safety.



Javo Rotofill

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



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 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.



Java Watering System

Java 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.



Java 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.



Substrate handling systems

Java 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. Java substrate systems also offer easy integration to existing lines, even for other suppliers.



Java 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 Big Filler

This mobile soil bunker offers a flexible solution for storing, elevating and accurate dispensing of substrate. The Javo 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 15 years the unique solution for storage and distribution of loose substrate. 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.



Java Conveyor Belt

Java 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.



Java Conveyor Belt - Coupling System

With the conveyor coupling system it is easy to connect Java conveyors in various lengths and widths. It will take one motor part to drive multiple conveyor belts on the exact same speed. The system is removable and the conveyors remain movable.



Java 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.



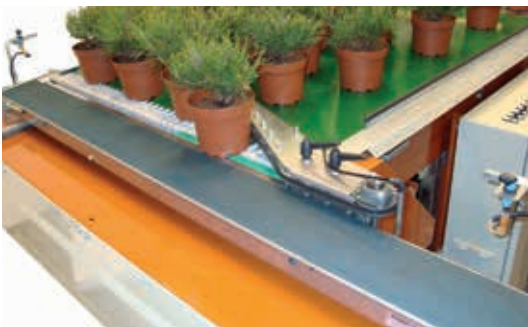
Java Sorting Systems

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



Java 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 JOR (Push Over Robot) or Javo JAR (Take Off Robot) for further automation.



Java JAR (Take Off Robot)

Combine with a Java 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.



Java JOR (Push Over Robot)

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.



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 labor 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 Swing

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 2.0

The completely redesigned Javo PPU 2.0 offers the solution for automatic placing of round and square pots onto transport wagons. The unique movement of the Javo PPU 2.0 ensures that the pots will always be placed upright on the transport wagon.



About Javo

Javo is part of the Nobels Group. Within this group Javo has three sister companies, Nobels, Agro Techniek and Javo International. We all work on the development and production of machines and systems for the worldwide horticultural, agricultural and industrial sector.

From 1 January 2018 the Nobels Group is settled at the new location on the Bulb Trade Park in Noordwijkerhout (NL). In the two new properties we have many opportunities for expansion to accommodate the current and future growth of the Nobels Group. In our new factory, we produce and innovate quality products for our two offices in Holland and North America. Together with a worldwide dealer network, Javo is operating in more than 60 countries.



Custom made solutions

Javo will gladly help you. Besides the machines mentioned in this overview, we also offer customized solutions. Because of the close collaboration with our machine factory in the Netherlands, we can achieve rapid and thoughtful solutions in cooperation with you.

Years of experience and a complete product range allowed us to offer a tailor made solution for many growers.



Javo APP

From now on it is possible to have 24/7 insight in your production process, wherever you are. Quite simply, with the Javo APP. The Javo APP is suitable for every machine that has been equipped with or can be equipped with a PLC.

The APP shows:

- Current state (in operation, stopped)
- Current amount of beats per hour (current speed / average speed)
- The amount of operating hours
- Running time
- Error (downtime)
- Graphical representation of the operating hours, amount of beats, which period
- Latest timekeeping (standard once per hour, or in case of a trigger like an error)

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. 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.



More information?

You can contact Javo for more information or demo.
We are happy to be of service.

Bulb Trade Park 1
2211 SW Noordwijkerhout
The Netherlands

T: +31 (0) 252 343 121
E: info@javo.eu

www.javo.eu