



Automatic transplanting with TTS

Making possible what seems impossible



www.tts-transplanter.com
www.go-automatic.com



Single Rower



5-line 25000 plants per hour

- Average output 5000+ plants per row per hour
- Available for planting 3 till 8 rows, more rows possible at request
- Plant with row spaces from 24 inch (60cm)
- Independently floating elements with ground pressure control
- Available with cameras to skip blanks in trays
- Ideal for tramlines and spray tracks
- Various seedling trays fit the tray cassette
- Possibilities for towed and semi-mounted machines
- Suitable for planting brassica, salads, sugarcane, hemp, tomatoes and many more



*Simple,
Compact,
Reliable*



High Density Multi Rower

- Small, simple, fast
- Available for planting 3 till 8 rows per robot
- Multiple robots in one frame possible
- Average output of 5000+ plants per row per hour
- Row spaces from 4 till 24 inch (10 till 60 cm)
- High density up to 25 plants per meter per row
- Automatic ground pressure control
- Plant on flat or raised beds
- One machine operator needed



Forestry tree planting 5-line one robot



4-line 20000 plants per hour

- Due to the design great visibility on the plant rows
- Easy maintenance with a minimum of moving parts
- Various seedling trays fit the tray cassette
- Special design for close row spacings such as salads, head lettuce, onions, herbs, forestry seedlings and flowers/ornamentals.





Double Rower



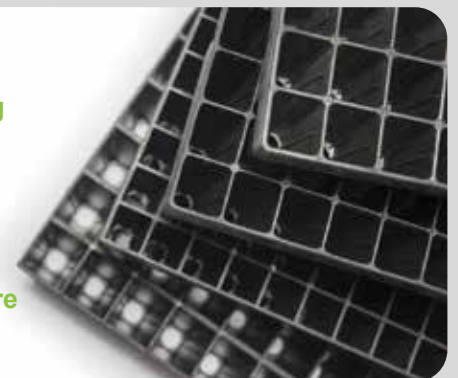
8-line 25000 plants per hour

- Average output 4000+ plants per hour per row
- Available for planting 4 till 12 rows wide
- Row spaces from 20 inch (50 cm)
- Plant spaces from 6 inch (15 cm)
- Available with cameras to skip blanks in trays
- Plant on flat or raised beds with automatic ground pressure control
- Various seedling trays fit the tray cassette
- Suitable for planting brassica, salads, celery, tomatoes and many more



Vegetable seedling trays available at TTS BV.

Contact us for more information.





Clip-on units to fit on top of your planter

Clip-on transplanter (stock item)



Make your planter automatic

- Ideal for planting long plants
- Integration with most carousel planters
- Only 12V and compressed air needed
- Output between 3000 and 5000 plants per hour
- Various seedling trays fit the tray cassette
- Suitable for planting brassica, salads, celery, tomatoes and many more
- Available with cameras to skip blanks in trays

KMR-1



4-line 20000 plants per hour

- Complete standalone robot for row spaces from 30 inch (75 cm)
- Easy bolt-on construction to change row spaces
- Only 12V and compressed air needed
- Average output 5000+ plants per hour



Innovation and reliability

TTS Tolenaars Transplanting Services feels very strongly about equipment innovation, flexibility and commitment to service. All TTS machines are fully developed and designed in-house. TTS invests in all the necessary software and on-trend engineering. We design every single part of the machine in 3D software, that helps us to simplify our machines. This way, we can make transplanting an easy job for everyone.

Simple, compact and reliable

Over the years we have developed both selective as non-selective automatic transplanters. Many years of research has been put in this program. The result? Simple, compact and reliable machines! TTS guarantees quality, experience and far-reaching innovation. Each day our professional team works to get the best out of our machines. Our trained specialists work together to aim for the highest customer satisfaction level. We are able to deliver groundbreaking solutions for releasing and developing the perfect automatic project. This is what TTS BV accomplishes every day.





Why choose a TTS machine?

TTS is the leading provider of innovative, high quality and reliable automation that meets the needs of the agricultural and forestry industries. And we are the only manufacturer that offer a full range of automatic planting machines from a row space of 10 cm. Our range contains 5 different plant robots, but the custom possibilities with our frame/toolbar are endless. Mounted, trailed or self-propelled machines, TTS is your partner in automatic transplanting. Our engineering department is not only responsible for the concept and design, they are also involved in the assembly and final delivery of the transplanting planting machines.

How does it work?

Simplicity and reliability are our main goals. Less moving parts, low maintenance. Our machines have an optional automatic plant distance control and easy depth control. They are suitable for most trays and seedlings. Every model transplanter contains an automatic robot system, which removes the seedling from the tray with a special designed gripping head. With all our models you need only one operator to feed the seedling trays in the tray cassette. Our machines and integrated automatic systems achieve consistently high productivity. The automatic transplanters of TTS have been operating for a long time and ensure great comfort for the worker.



Service before, during and after

At TTS we claim a very high customer satisfaction level, at the beginning of your automation experience, during the process and after when the machine is up and running. You can count on our driven team for their knowledge and expertise. We also have a worldwide distributor network, so there is always a contact person nearby. Don't hesitate to contact us or one of our distributors for more information!



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