



Improving & Innovating Horticulture

Pic-O-Mat GR-1600

"Increase your capacity!"

The Pic-O-Mat GR-1600 transplants larger batches at a **revolutionary capacity**. Smaller batches can be transplanted with the same machine without any mechanical adjustments.

The newest transplanting machine, the Pic-O-Mat GR-1600 has taken the next technological step using high-resolution position feedback and servo control: creating high accuracy at high speed. Designed for growers looking for a flexible, reliable and fast transplanter, meeting the diverse planting demands of today's growers.



The Pic-O-Mat GR-1600 is a medium sized transplanter designed for growers with a wide range of trays or pots and transplanting programs. Almost every combination can be programmed at site using a touch screen. Its unique design makes the machine compact and easy to use in almost every situation.

The Pic-O-Mat GR-1600 transplanters are equipped with servo driven Visser grippers which give a high flexibility in combination with a high capacity. This enables you to switch product with just one touch on the touch screen and no mechanical adjustments are needed. The well known Visser grippers guarantee a perfect planting result.

Why choose the GR-1600?

- ✓ Up to 1,700 plants / hour per gripper
- ✓ Unique servo driven grippers
- ✓ New servo controlled software
- ✓ Easy programming new planting combinations

“ Creating high accuracy at high speed. ”



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Features

- Available with 6, 8 or 12 grippers, depending on your capacity wishes.
- Outputs of up to 1,700 planting cycles per gripper per hour can be achieved.
- Each gripper is driven by individually controlled servo technology.
- By using sideshift during pick up the plants are being approached from the side, which leads to a minimum plant damage.
- User friendly touch screen.
- Simple programming features enable the operator to enter new planting combinations.
- No mechanical changes required.
- Visser's unique gripper design eliminates the need for bespoke lifting fingers from beneath the tray.
- Single gripper size for a wide variety of plug tray cell size i.e. 512 to 72.
- All planting combinations are possible including multiple plants per cell/pot/basket.
- Suitable for cell trays, end packs and pots in carrying trays.
- Up to 100 planting combinations can be stored and selected from the simple on screen menu in seconds.
- Easily integrated in new or existing production systems.

Technical specifications

Dimensions L x W x H	5,300 x 2,350 x 2,300mm
Total KVA	4 kVA (400 V)
Number of grippers	6 - 12
Number of trays in buffer	6
Total number of planting combinations that can be stored in the program	100
Capacity guidelines	Up to 1,700 plants/gripper/hour depending on type of trays and type of plants

**A final capacity can be given when all the parameters are known*



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