



Filling

Mayer - TM 2700

The Mayer TM 2700 is designed as a robust high-performance potting machine with a production performance of up to 10,000 pots per hour.

BENEFITS:

- The long console offers enough potting space for up to 5 persons or a transplanter
- Smoothest possible operation and precision, even at high production rates
- The 'VarioFix' pot holders can be adjusted quickly and easily in height and diameter
- Fixed pot support level means there is no need to adjust take-off conveyors
- Perfectly centered planting holes for smooth work with a transplanter, resulting in the highest planting quality
- Wide range of pot sizes and types can be used
- High performance of up to 10,000 pots/hour (in the quadruple version)

The potting console offers enough space for up to 5 persons to pot or for a transplanter.

It includes 18 (Version M) / 22 (Version L) / 26 (Version XL) 'VarioFix' pot holders, the height and diameter of which can be quickly and easily set. The pot stability that this achieves allows continual working. The fixed pot support level means there is no need to adjust take-off conveyors.

The exact pot track movement is guaranteed by a special, high-performance belt that is low-wear and low-maintenance. The pot holders that are fixed to this belt by force-locking are also supported in the outer track, thus preventing tipping. The speed is adjustable via a potentiometer, as with a chain elevator.

The ingenious curving of the switch cylinder guarantees a smooth drive without jolts. This retains the desired drill pattern, which is an important prerequisite for trouble-free working with transplanters and with large plant root balls.

The unique 2-stage soil recirculation protects the substrate structure and protects the machine from wear. The excess substrate at filling is fed directly back to the soil hopper after the drilling process and thus does not travel along the entire potting track.



The adjustability of the individual pot holders means they do not need exchanging for each pot size and thus saves their costly acquisition and space-consuming storage.



FEATURES:

- Customized, grower specific configuration of the machine thanks to its modular structure
- Electronic precision control of the machine performance by use of frequency converters (user-friendly)
- Turntable and soil transportation have separate drives for both operating and maintenance advantages
- Standard and special drills can be used - Flexible arrangement of the conveyor belt as needed
- Can be integrated into system solutions and compatible with additional technical devices (soil supply, transplanters, push-over systems, mobile tables, conveyor belts)
- Exact pot track movement with a special, high-performance belt that is low-wear and low-maintenance
- Unique 2-stage soil recirculation protects the substrate structure and the machine from wear

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Accessories

Module for conversion single/twofold or single/quadruple version, Fertilizer dispenser, Soil hopper extensions, Stainless steel shovels, Additional frequency converters, Rotating brush, etc.

Technical Specifications:

	Single	Twofold	Quadruple
Pot Size	6 ¼"-12 ¾" (16-30cm)	3 ¾"-6" (7-15cm)	3 ¾"-6" (7-15cm)
Pot Type	Square on request	Round & square	Round & square
Output	2,500 pots/hr	5,000 pots/hr	10,000 pots/hr
Soil Hopper (Extended)	1.9 yards ³ (1,500 liters) up to 2.9/3.9/5.9 yards ³ (up to 2,200/3,000/4,500 liters)		
Length of Working Space	47 ¼" (1.20 m)	5'-10 ⅞" (1.8 m)	7'-10 ½" (2.4 m)
Possible Number of Grippers (if transplanter is in use)	2/4/6	4/6/8	6/8/12
Air Consumption (Output)	Min 28 CFM (800 liters/min) (approx. 46 CFM (1,300 liters/min) suction capacity) (clean & dry air) 8 bar		





With over 20 years in the horticulture business, Bellpark Horticulture is a trusted name in Horticultural Automation Solutions. Serving growers in Canada and the United States, the Bellpark team strives to provide customers with the highest quality solutions.

Our sales and project consultants realize that each grower is different and that each project requires a personal level of attention to detail to ensure its success.

Our service team is committed to offering our customers the highest level of service with the quickest response time. With a dedicated parts and service department, our factory-trained technicians are available when you need them.

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Since 1967 Mayer has been a setting new standards in the green sector with their leading innovative automation solutions for ornamental plants and tree nurseries. They develop, produce and sell quality automation solutions for substrate preparation and for filling pots and trays.

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