



Filling

Mayer - TM 2400DR

The distinguished TM 2400DR by Mayer is compatible with a wide range of pot sizes and holds a maximum performance capability of up to 4000 - 7000 pots per hour (depending on pot size).

BENEFITS:

- Automatic custom programming allowing you to set a predetermined number of filled pots
- The pot counter records the total number of pots processed as well as the hourly output
- Any malfunctions will be displayed and logged
- Perfectly central planting holes for optimum planting quality
- Can be used for all pot sizes with diameters between 3 ½" and 9 ½" / 10 ¼" (8-24/26 cm)
- Runs smoothly and with precision, even at top production speeds
- Substrate conveyed without harm to its structure

High Quality

The machine's outstanding quality guarantees high planting quality with a consistently centered planting hole. The exact coordination of pot position and pot transfer is fully synchronized. The high degree of mechanical precision also ensures the processing quality of subsequent stations or systems (e.g. automatic planting machines).

Simple to Operate

The TM 2400 innovative technology is coupled with ergonomic handling. The electronic frequency controls for the turntable and elevator ensure precise output control and are easy to operate via the control panel within the working area.

Increased Productivity

The TM 2400 is distinguished by both the broad range of pot sizes and its peak speeds of up to 4,000 respectively 7,000 pots per hour. Simply by changing over this multipurpose machine can nearly double its output in the twinkling of an eye.

Maximum Efficiency

The carefully designed soil hopper prevents bridge formation in the soil supply, this greatly increases labor efficiency by making manual intervention unnecessary. The standard version has a hopper capacity of 1.96 yards³ (1,500 liters) which is a considerable amount of capacity. If your unique needs require you to have an even greater capacity it can be increased up to 2.88 or even 3.92 yards³ (2,200 and 3,000 liters) by means of a soil hopper chute.



The TM 2400 DR is compatible with a wide variety of automated systems and components. It is highly flexible with 8 possible exit belt positions around the turntable for complete layout optimization.



FEATURES:

- The original Mayer circular system for maximum ergonomics at work
- Productivity can nearly be doubled by means of a simple changeover (Pot support ring/double drilling system/2nd magazine)
- Pot sizes and heights can be adjusted fast and centrally by means of a ratch (standard)
- Electronic precision control of machine output by means of a frequency converter (easy to operate)
- Can be used with standard or special drills
- A large variety of different configurations with accessories
- Intelligently constructed soil hopper prevents so-called tunnel or bridge formation in the soil supply (protected by patents)
- High safety standard (e.g. 2 emergency OFF switches)



Accessories

Both turntable and elevator speed are adjustable, Additional module for fast changeover to double pot holders (Double drilling system, 2nd magazine, pot support ring), Clockwise rotating model available (with surcharge), Fertiliser doser, Belt storage magazine, Soil hopper chute, Trailer coupling, Stainless steel shovels, Special tyres, Addition for orchids, Drill Motor reinforcement, Additional frequency converters.

Technical Specifications:

| | | | |
|--------------------------------|--------------------------------|----------------------|----------------|
| Pot Size (T14) | Single Pot Holders | 3 ½" - 9 ½" / 10 ¼" | 8 - 24 / 26 cm |
| | Double Pot Holders | 3" - 5" | 8 - 13 cm |
| Output | Up to 7,000 pots per hour | | |
| Hopper Capacity | 1.96 yards ³ | 1,500 liters | |
| Hopper Capacity with Extension | 2.88 / 3.92 yards ³ | 2,200 / 3,000 liters | |
| Transport Dimensions | 13' - 5" x 6' - 2" x 6' - 5" | 4.1 x 1.9 x 1.95 m | |
| Weight | 3,307 lb | 1,500 kg | |





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.

mayer

Since 1967 Mayer has been 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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