

MACHINE DESCRIPTION

The ALFA65 drum seeding line is a high performance modular line, capable of seeding up to 1200 containers per hour.

It is suitable for all types of trays: polystyrene, thermoformed and rigid injection molded plastic. Depending on the used type, a distributor is available that allows the automatic insertion of empty containers in the line.

The filler guarantees excellent coverage uniformity for all the cells, the ability to adjust the final density of the soil and has an additional hopper for the automatic recovery of excess peat.

The heart of the machine is in the ALFA seeder: the outgoing containers pass under a marker drum that allows the creation of a central and homogeneous imprint in which the seed will be placed. The second phase is that of sowing with the seeds that are positioned in a single, precise and homogeneous manner via a dedicated drilled drum.

The flexibility of the Urbinati machines and the incomparable suction power make it possible to sow all types of seeds, regardless of size. Lastly, the covering and watering unit complete the seeding cycle, while the stacking unit, with the balance stacker, sorts the newly seeded containers in orderly stacks to make it easier to extract or palletise them.

Each component of the machine is designed and built according to the customer's needs, to improve the work of the operators, to reduce maintenance and speed up seed change operations.

TECHNICAL DATA

HOURLY PRODUCTION (max)

TRAYS DIMENSIONS (max)

INSTALLED POWER

VACUUM PUMP

AIR CONSUMPTION (max)

WATER CONSUMPTION to 2 atm (max)

WFIGHT





p. 36-39























- for 10 Adjustable speed hammers to improve the singularization and positioning of the seed in the center of the hole.
 - **11** Control panel with 8.4" colour touch-screen.
 - 12 Covering unit for vermiculite, with adjustable speed and dosage; capacity 230 liters.
 - 13 Watering unit with drilled bars modules: length 750 mm with 4 bars.
 - **14** Stacking unit, with balance stacker.
 - **15** Seed recovery drawer.
 - **16** Soil recovery drawer.
- **8** Sowing drum with brass inserts: the inserts allow the **17** Longitudinal tray advancement.
 - Quick self-centring guide adjustment system.



1 2-movements pneumatic tray destacker

3 Double chain soil elevator, width 470 mm.

2 Hopper capacity 900 liters. Conveyor belt with rollers and paddles shaft agitator on hopper's bottom.

4 Tray filler with 4 blades longitudinal rotor, with

5 Double auger spillway with motorized brush for tray

creation of precise holes starting from 0.15 mm in

9 Air bars with double row of nozzles and oscillating

6 Recycling hopper for exceeding soil with auger.

polystyrene trays.

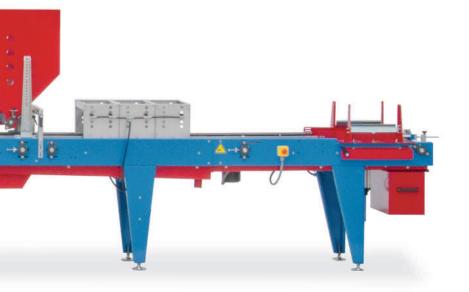
rotation reversing gear.

diameter.

seed holding plate.

7 Dibbler drum with cleaning brush.





ALFA65 E M.U. ALFA65 ALFA65 A trays/hour 1200 1000 1000 600x400 750x400 750x500 mm kW 9,5 9,5 9,5 PVA 1300 PVA 1300 model PVA 1300 l/min 200 200 200 I/min 25 25 25 kg 2030 2030 2030

DETAILS p. 34-35

MAIN ACCESSORIES

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