



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)
WEIGHT

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- 1
- 2
- 3
- 4
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- 7
- 8
- 11
- 12
- 13
- 14





Video



- 1 2-movements pneumatic tray destacker for polystyrene trays.
- 2 Hopper capacity 900 liters. Conveyor belt with rollers and paddles shaft agitator on hopper's bottom.
- 3 Double chain soil elevator, width 470 mm.
- 4 Tray filler with 4 blades longitudinal rotor, with rotation reversing gear.
- 5 Double auger spillway with motorized brush for tray cleaning.
- 6 Recycling hopper for exceeding soil with auger.
- 7 Dibbler drum with cleaning brush.
- 8 Sowing drum with brass inserts: the inserts allow the creation of precise holes starting from 0.15 mm in diameter.
- 9 Air bars with double row of nozzles and oscillating seed holding plate.
- 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.
- 17 Longitudinal tray advancement.
 - Quick self-centring guide adjustment system.

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

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DETAILS

MAIN ACCESSORIES

- 15 18 19 20 21 23 24 25 26 27 29 30

