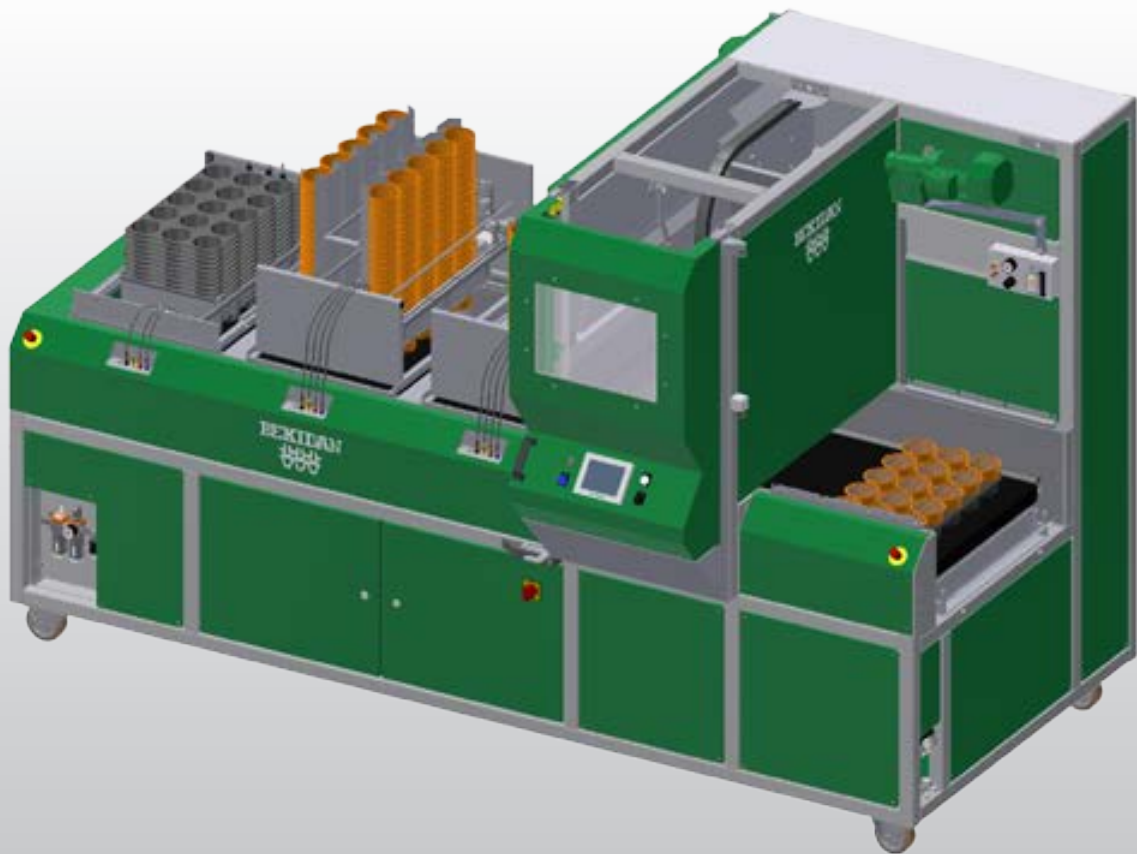


BEKIDAN



POTTING MACHINE

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The BEKIDAN-Potting machine is designed for filling pots with soil, with or without the use of trays.

The potting machine consists of a basic unit that can be fitted with dispensers, drilling unit, tray stacker, conveyer belt and a single line system.

The basic version allows for 1 tray dispenser and 2 pot dispensers.

Dispensers and drilling units are designed specifically for the pot- and tray type, and are easily and quickly changed on the machine. The potting machine has a capacity of 500 trays per hour.

The potting machine is designed as a compact and user friendly unit and with a length of only 3,1 m, it gives the operator optimal

conditions for monitoring the whole process, while allowing easily the filling of trays and pots to the dispensers.

The pots are either placed into a tray by the dispensers or (with larger pots) placed directly on the conveyer belt of the machine, where they are filled with soil.

The potting machine can also be used for filling directly into “speedling” trays.

Soil is supplied to the potting machine from a soil mixer or other equipment, which automatically feeds soil into the funnel of the potting machine.

The potting machine is designed for the soil to be handled carefully and does not damage the structure of the soil.

TRAY DISPENSER

The dispenser places the trays individually on the conveyer belt, then they are brought forward to the pot dispenser

POT DISPENSER 1

Placement of pots into the tray.
Possibility for 1 to 3 rows of pots.

POT DISPENSER 2

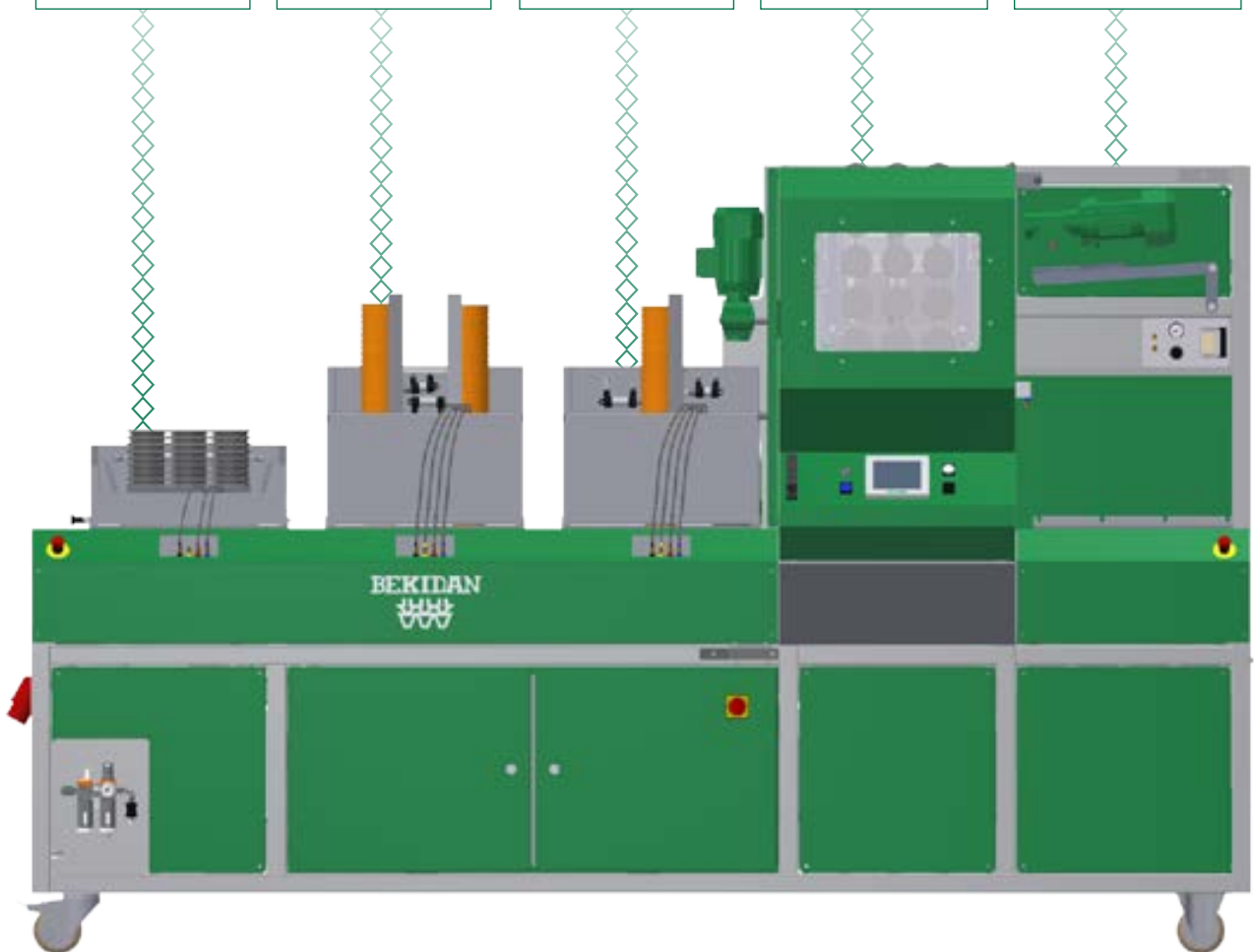
Placement of pots into the tray.
Possibility for 1 to 3 rows of pots.

SOIL FILLING

Pots are filled with soil through a hole pattern. Then it is compressed by a pressing unit.

STACKING OR DRILLING UNIT

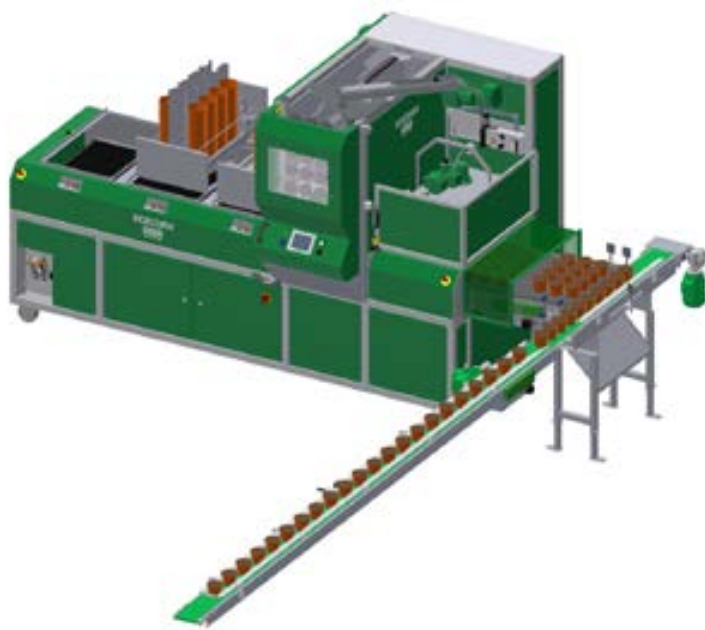
Possibility for stacking of trays or mounting of a drilling unit.





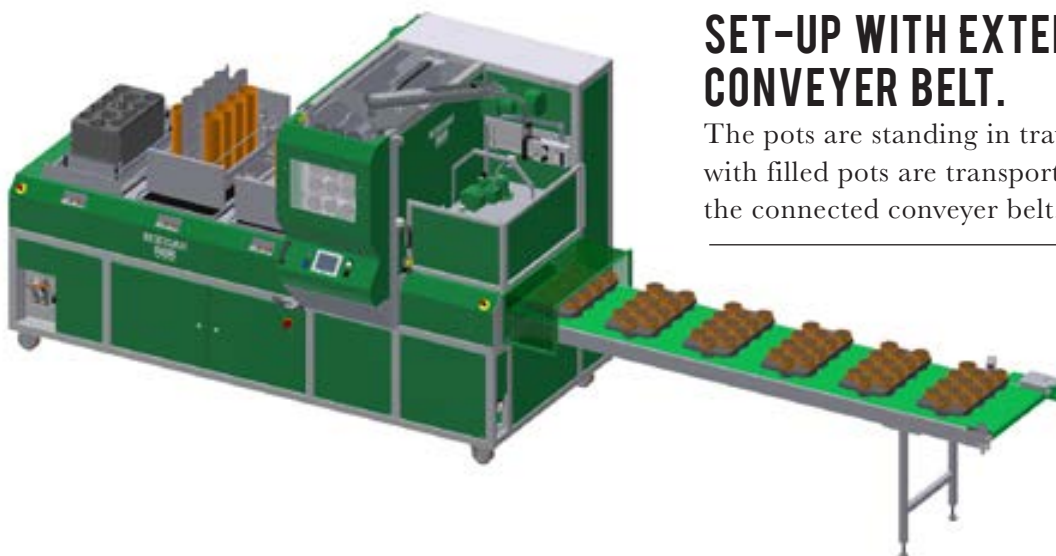
All products are shown right-handed, but can also be delivered left-handed.

SET-UP



SET-UP WITH SINGLE LINE SYSTEM.

The pots are standing directly on the conveyer belt. From the potting machine, the filled pots are delivered as a group. Then a single line system is used, placing the pots in a single row for further transportation. The single line system is available with pot transportation to the right (as shown) or to the left.



SET-UP WITH EXTERNAL CONVEYER BELT.

The pots are standing in trays. The trays with filled pots are transported further on the connected conveyer belt.



DISPENSERS

All dispensers are easily and quickly changed. This ensures an efficient production.



FOR ROUND POTS



FOR SQUARE POTS

Dispensers are designed for different types of pots. For example, round pots, square pots, molded pots, thermoformed pots and Jiffy pots. The system is designed and adjusted for the specific pot and tray/pot holder, which are used. A dispenser system for each size of tray/pot used is needed. Dispenser systems are available from 4,5 cm and up to 15 cm.



TRAY DISPENSER

Dispensers are designed for different type of trays. For example molded trays, vacuum formed trays are plant boxes.



DRILLING UNIT

The drilling unit matches the dispenser system. The drilling depth can be adjusted and the drill sizes are manufactured to the customers needs.



PRESSING UNIT

Compresses the soil in the pots through a hole pattern. This minimizes the soil waste and ensures the further unhindered process.



HOLE PATTERN

The hole pattern ensures precise dosing of soil and prevent it from falling between the pots. Excess soil is returned to the system.

PRODUCT OVERVIEW

All products are shown right-handed, but can also be delivered left-handed.



TYPE: A024

Basic potting machine.



TYPE: B024

Potting machine with connected conveyer belt.



TYPE: B024D

Potting machine with drilling unit and connected conveyer belt.



TYPE: C024

Potting machine with connected single line system. From the potting machine the filled pots are delivered as a group. Then a single line system is placing the pots in one row for further transportation.

All products are shown right-handed, but can also be delivered left-handed.



TYPE: C024D

Potting machine with drilling unit and connected single line system. From the potting machine the filled pots are delivered as a group. Then a single line system is placing the pots in one row for further transportation.



TYPE: D024

Potting machine with connected conveyer belt and single line system. From the potting machine the filled pots are delivered as a group. Then a single line system is placing the pots in one row for further transportation.



TYPE: D024D

Potting machine with drilling unit, conveyer belt and connected single line system. From the potting machine the filled pots are delivered as a group. Then a single line system is placing the pots in one row for further transportation.

TECHNICAL INFO

DIMENSIONS:

Height.....2050 mm
Length.....3100 mm
Width.....1680 mm
Weight.....1050 kg

CONSUMPTION::

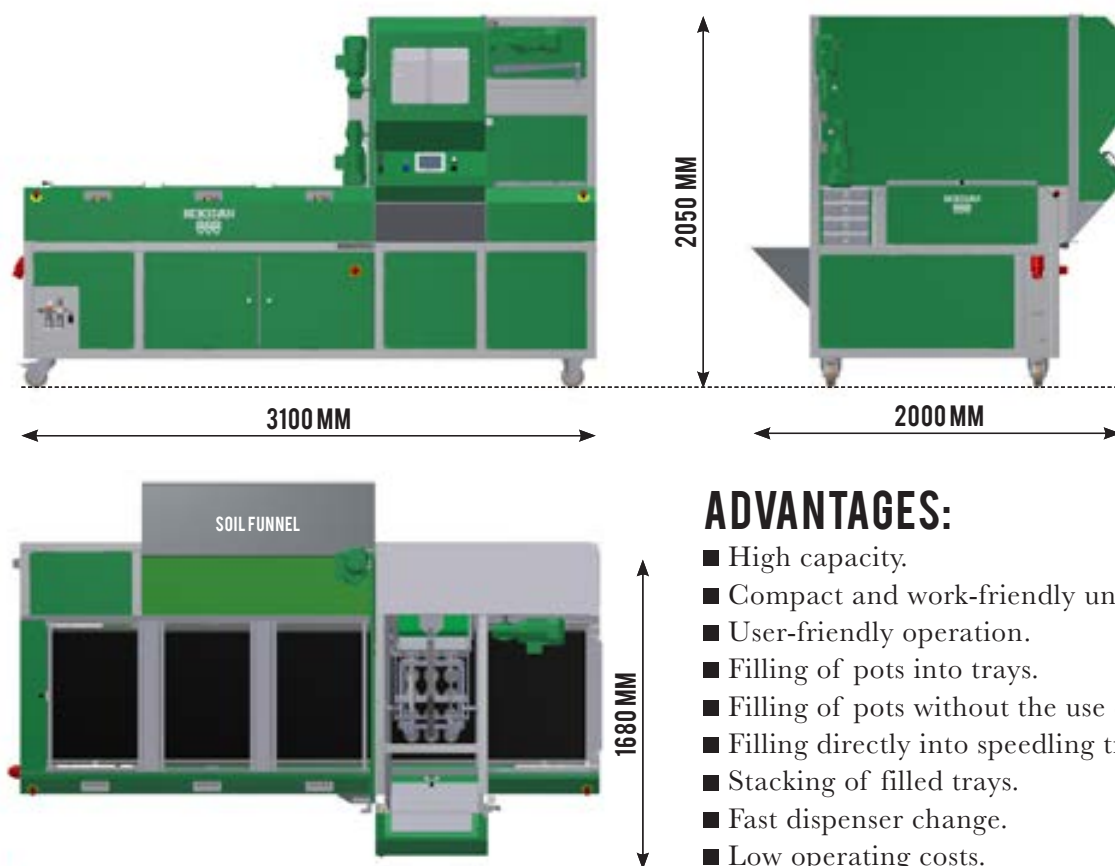
Air consumption: 50 L per min.

SUPPLY:

Power supply: 3x230/400V + PE 50Hz 16A

CAPACITY EXSAMPLES:

40 pcs. of 6 cm pots = 20.000 per hour.
24 pcs. of 9 cm pots = 12.000 per hour.
15 pcs. of 10,5 cm pots = 7.500 per hour.
12 pcs. of 12 cm pots = 6.000 per hour.



ADVANTAGES:

- High capacity.
- Compact and work-friendly unit.
- User-friendly operation.
- Filling of pots into trays.
- Filling of pots without the use of trays.
- Filling directly into speeding trays.
- Stacking of filled trays.
- Fast dispenser change.
- Low operating costs.

