

# Products & Solutions for nurseries



## The BCC Tray Covering Unit



hopper is fitted with adjustable sides



substrate hopper is mounted over the feeding belt



application of a uniform layer for even germination



adjustable gate to determine thickness

## BCC Tray Covering Unit

To create a cool and moist micro-climate conducive to seed germination, seed is covered with a layer of material after the sowing process. This layer also protects the seed during the germination phase. Mulching material is sometimes used to physically hold the seed in place and prohibit excessive growth of algae and moss.

The BCC Tray Covering Unit is used to cover trays with a thin and uniform layer of material after sowing. The unit is fully integrated into the BCC Filling and Sowing line.

### THE PROCESS

A sensor detects an incoming tray which signals an adjustable timer. This timer controls the start and stop times of the feeding belt of the Tray Covering Unit. This results in precise covering of the tray and minimises spillage. A material hopper is mounted over the feeding belt. An adjustable gate on the hopper determines the thickness of material covering the tray. The hopper is fitted with adjustable sides which controls the width of the material layer applied, depending on tray type used. Feeding will stop automatically as per timer delay setting.





cover trays with a thin and uniform layer of material after sowing

## OPERATIONAL BENEFITS & KEY FEATURES

- Application of a uniform layer for even germination.
- Adjustable gate to determine thickness of layer applied.
- Adjustable sides to control width of layer applied for different tray types.
- Flow activated through a sensor to minimise spillage.
- Can also be used for other applications including application of mycorrhiza in the substrate.



## ACCESSORIES AND EXTRA FEATURES

Media feeding belt to transfer material to hopper

## TECHNICAL DATA

<b>Dimensions (L x W x H):</b>	<b>950mm x 850mm x 1750mm</b> (depending on height of conveyor belt)
<b>Weight:</b>	<b>85Kg</b>
<b>Power requirement:</b>	<b>0.18kW</b>
<b>Power supply:</b>	<b>3 x 400V, 50Hz</b>
<b>Maximum production capacity:</b>	
<b>HIKO (350mm x 216mm, fixed tray):</b>	<b>24 trays/minute</b>
<b>SideSlit (385mm x 385mm, fixed tray):</b>	<b>18 trays/minute</b>
<b>96 Insert Frame (517mm x 350mm, single cell tray):</b>	<b>10 trays/minute</b>

\*The precision seeder is a standalone unit mounted over a conveyor belt

\*The equipment can be customized to meet individual requirements

