

BCC Tray Stacker

TECHNICAL DATA:

Stack feeding belt

Dimensions (L x W x H):	custom length x tray size x 1400mm
Power supply:	1 x 230V or 3 x 400V, 50Hz
Power requirement:	0.25kW

Stacker

Dimensions (L x W x H):	
SideSlite*:	1000mm x 1000mm x 2100mm
Weight:	110kg
Power supply:	3 x 400V, 50Hz
Compressed air consumption:	100 liters/minute at 6Bar
Maximum production capacity:	24 trays/minute



After sowing:

When the tray has reached the end of the production line, the tray stacker will stack the trays firmly and in a controlled way for further handling. The trays will be stacked slightly off set in order to not damage the newly sown seeds and in this way create an uneven compaction. Hence, the weight of tray and substrate will be put on the plastic profile rather than directly in the cell, which is crucial. The piled trays will further be handled and removed manually by the operator and placed onto the frame for transport into greenhouse area, temporary cold storage, etc.

After washing:

The trays will exit the washing line and be transported into the stacking unit. Each tray will effectively be piled up inside the other tray creating a set height. When the set height has been reached, the unit will push out the file and begin to pile up a new set of trays. The piled trays will further be handled manually by the operator and placed onto a pallet.

The possible number of tray piles in the buffer magazine depends on the length of the conveyor belt; either 3000 m or 5500 mm.

Please contact BCC AB or your local representative for samples and prices.