

DOUCET

BT3 FOR EDGEBANDERS

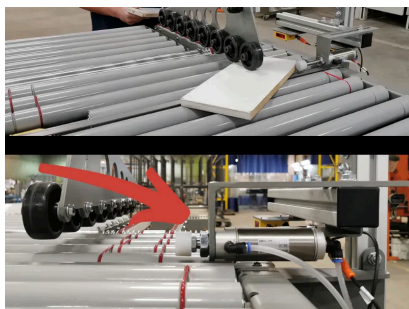
BT3 Return Conveyors, the third generation of the belt transfer return system, designed to be teamed up with medium to large size edgebanders. Built around a modular frame, BT3 Return Conveyors are available in five roller length models, BT3-24 / 30 / 36 / 48 / 60. All models incorporate the fast, simple and highly effective belt transfer system.



PT-90 PANEL TURNER

BT3 MAXIMUM PANEL DIMENSION CAPACITY			
Model	4 sides	Long side & 5 receiving	4 sides with PT-90 & extension
BT3-24	36" X 36"	36" X 96"	24" X 72"
BT3-30	45" X 45"	45" X 96"	30" X 84"
BT3-36	52" X 52"	52" X 96"	36" X 96"
BT3-48	66" X 66"	66" X 96"	48" X 108"
BT3-60	84" X 84"	84" X 96"	48" X 120"
BT3 MINIMUM PANEL DIMENSION CAPACITY			
BT3	12" X 12"	With panel deviator = 4" X 12"	

MAXIMUM DIMENSIONS PANEL



PANEL DEVIATOR

CHARACTERISTICS & OPERATION

OPERATING PRINCIPLE

- Its receiving rollers are equipped with a down stroke mechanism that is activated by detection of the trailing end of the panels exiting the equipment.
- Transfer belts nested in between the rollers are used to side shift product to a set of motorized rollers parallel to your equipment.
- Those return rollers are 2" lower than the pass line on the equipment in order to avoid interference when overlapping panels are traveling in opposite directions.
- Once the panel has cleared the reception area, the receiving rollers return to their upper position ready to receive the next panel.

OPERATING SPEED

- BT3 Return Conveyors are equipped with a variable speed drive to match the processing speed of the equipment, receiving table speed is adjustable from 30 to 90 ft/min, belt transfer speed is fixed at 180 ft/min and return conveyor speed is adjustable from 60 to 180 ft/min.

OPTIONS & SPECIFICATIONS

- A PT-90 Panel Turner to return long rectangular panels lengthwise after finishing of their narrow sides. Available on all models, this device simplifies processing short sides on long and narrow panels. The panels are turned 90° as part of the transfer process between the receiving and return rollers, thus eliminating panel overhang;
 - Panel Deviator: to redeploy parts less than 6" width over several rollers;
 - Air Table;
 - BT3 - Option: Movable Support Ledge for High Volume of Short Parts (#D115-319)
- ([See the video](#)).



DOUCET

P. 1-866-673-8876
P. 1-819-367-2633
E. info@doucetinc.com
doucetinc.com

**DISCOVER OUR
RESOURCE CENTER**

- Articles
- Tutorials
- Videos
- Technical Support
- Tools

