

BetaTurn

BLOCK TURNER



Re-orientate blocks and save space.

The BetaTurn Block Turner can be used to detect seal location and re-orientate blocks prior to the BetaTest. Or, if space is a challenge on exiting the BetaTest, the BetaTurn can provide a tight turning point and use a third of the space that standard conveyors would require.

FEATURES

- › Rotate to any angle
- › Bi-directional conveyor
- › Easy to install and operate
- › Can be installed utilising existing conveyors or infeed and outfeed conveyors can be supplied as an optional extra
- › Originally designed to smoothly and efficiently rotate 20kg/40lb blocks of cheese, the BetaTurn can easily be adapted to handle other package configurations

BetaTurn SD – Standard

The BetaTurn SD can rotate to two positions and has a bi-directional conveyor.

- > In-line two position block turner – 90° or 180°
- > Designed for 20kg/40lb blocks of cheese
- > Construction materials are T304 stainless steel and engineered plastics
- > Adjustable swivel feet
- > Manufactured to international standards
- > Worldwide spares and service available direct from factory
- > Single/two phase power and pneumatic supply needed

CONVEYOR

- > Fitted with flush grid polypropylene belt
- > Forward and reverse belt travel
- > VSD-controlled AC motor – 0.18kW
- > Nominal belt speed 20 m/min

ROTATING ACTUATOR

- > Smooth and safe motion
- > Rotatable to two selectable positions of 0°–90° or 0°–180°
- > Forward and reverse travel
- > Pneumatically controlled

ELECTRICAL

- > IP65 minimum
- > Sensors for block positioning
- > Allen Bradley PLC
- > Start, stop, reset and Estop buttons

BetaTurn Plus – Hygienic

The BetaTurn Plus can rotate to any angle and has a bi-directional conveyor. This makes it adaptable to any factory requirement.

- > In-line multi-angle block turner
- > Designed for 20kg/40lb blocks of cheese
- > Construction materials are T304 stainless steel and engineered plastics
- > Adjustable hygienic swivel feet
- > Manufactured to international standards
- > Worldwide spares and service available direct from factory
- > Single/two phase power supply needed
- > No air supply needed (three phase power available)

CONVEYOR

- > Hygienic polyurethane belt
- > Forward and reverse belt travel
- > VSD-controlled AC motor
- > Nominal belt speed 19m/min
- > Easily dismantlable for full wash down

ROTATING ACTUATOR

- > Smooth and safe motion
- > Rotatable to any angle
- > Forward and reverse travel
- > VSD-controlled AC IP69K motor with encoder – 0.18kW

ELECTRICAL

- > IP65 minimum
- > Sensors for block positioning
- > Allen Bradley PLC
- > Start, stop, reset and Estop buttons

OPTIONS FOR PLUS

- > HMI
- > Remote MCC
- > Remote operator interface