

# 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