Robotray

ROBOTRACK:

an automated rack (trolley) queueing and positioning system that automatically ejects empty racks and inserts filled racks in front of Robotray. It also can position empty racks to be filled and then moves them out of the way for the next empty rack.

Floor mounted mechanized system (No lifting) and made of sanitary stainless steel. Racks are held in position by holding arms to ensure proper alignment. It allows for continuous operation and enhances the overall efficiency of the bakery while saving labor and increasing sanitation and hygiene. It also moves the racks in predefined rows, such as inside a proofing room or retarder, where it moves them from the entrance to the exit in the exact time so that the pieces ferment properly.

It works with a high-capacity tooth transmission (does not use grease for greater hygiene) and the torque limiter safety unit prevents jams. Works with single and double racks.

ROBOTRACK
AUTOMATED RACK QUEUE AND POSITIONING SYSTEM

SPECIFICATIONS :

- Heavy Duty stainless steel structure
- Floor mounted mechanized system (No lifting)
- Works with both Single and Double Racks
- Safety interlocks prevents jams (Torque Limiter)
- First in – First Out sequence
- High capacity timing belt drive (No Grease)
- Stainless steel and anodized aluminum construction
- Continuous recording of cycling performance with self-diagnostics
- PLC control choices: AB or Omron or Siemens.
- Color HMI Touchscreen, multilingual menus

BENEFITS:

- Eliminate Labor
- Reduce workmans' comp costs
- Prevent employee litigation expenses
- Increase production. Higher run rates
- Compact. Space saving designs
- Flexible. Expandable capabilities
- Open Frame. Easy to clean & maintain
- Fast Payback (ROI) of less than 18 month

MODELS:

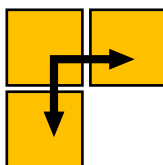UNLIMITED MODELS ADAPTED TO THE NEEDS OF EACH CLIENT
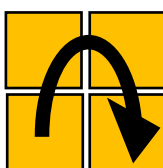
A) Straight line
- Minimum 2 positions.
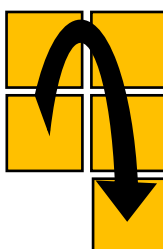
B) "L" shaped design
- Minimum 3 positions.

C) "U" shaped design
- Minimum 4 positions.

D) "S" shaped design
- Minimum 5 positions.

Check the Video!!