

Model 2260 Shuttle Gate



Standard Features

- Closed-loop servo shuttle system
- High-speed DC stepper motor conveyor
- ESD belts
- Hand crank width adjust
- Triple-redundant safety system
- Creates up to a 42-inch (106.7cm) opening
- Slide-out electric panel
- Teachable to any position

Application

Model 2260 Shuttle Gate allows product to be conveyed across an opening in a production line. This allows operators to pass between machines in a line instead of walking around the end of the line. The shuttle remains retracted until a board is ready to transfer. Average cycle time is seven seconds.

Typical applications include:

- Creating line openings so operators have better access to the factory and production machines
- Allowing for the movement of carts, pallet jacks, or cleaning equipment

Available Options

- Power Width Control
- Dual Lane
- Right-to-left transfer
- Rear fixed rail
- Tooled Width Adjust—requires tools to adjust
- Slide Width Adjust—cam locks on width adjust
- Wireless SMEMA communication—eliminates need for wireway across aisle
- CE compliance
- Uninterruptible Power Supply (UPS)

Additional Benefits

- Optional servo-controlled shuttle mechanism does not rely on positional sensors or hard stops. Instead, the retract and extend positions are easily stored in the software and the closed-loop system ensures they are recalled exactly, every time.
- Zero-clearance edge guides eliminate the danger of boards becoming jammed under the edge guide.
- Shuttle will extend slowly and retract very quickly, which increases safety while reducing cycle times.
- Pressure sensors on the shuttle, an infrared sensor, and current limit settings protect operators from the shuttle action.
- Standard Allen-Bradley controller system supports a touch screen interface and can be expanded to include network capability.