

Merge



- Plug-N-Convey design
- Zero contact, zero pressure accumulation
- Virtually silent
- Low Power consumption
- No compressed air required
- Minimal cost for spare parts



All modules can ship complete with communication and power bus wiring installed and tested to reduce field installation time.

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Design Specifications

Drive Roller and Speed

MDR – 24 Volt DC drive roller. Roller speeds from 2 to 300 feet per minute. Rollers available in standard or high torque, with or without a brake.

Slave Rollers and Drive Belts

1.9 inch diameter 16-gauge double grooved roller with a 7/16 inch spring retained hex axle and ABEC-1 bearings. Utilizes 3/16 inch diameter 83A durometer urethane drive belts.

Frames and Finish

- Formed channel frame with bolted self-aligning crossmembers with rollers set low.
- Available in:
 - 8.00" deep with 2.75" Flanges, 10 gauge
 - 6.50" deep with 2.00" Flanges, 10 gauge
 - 5.50" deep with 1.50" Flanges, 12 gauge
- Rollers set high available
- Photo-eyes and all controls contained within side frame
- Powder coated, custom colors available

Degree

30 degree spur attached to 60, 90, or 120 inch main line conveyor and shipped assembled as one module. Tight Radius 90 degree spur attached to 30 inch main line conveyor and shipped assembled as one module also available.

Widths

13 to 47 inches between the frames in 1 inch increments.

Controls

Standard with simple zone to zone communication via an Ethernet cable connecting to a zone control card. The photo eye and drive roller also connect to the zone control card. All shipped installed with connectors for plug and play installation. Power bus lines full length also included. Zones controlled by a proximity photo-eye.

Customs Available

Units are available with numerous control configurations to suit your needs. Consult factory for any special requirements you have concerning design or controls.