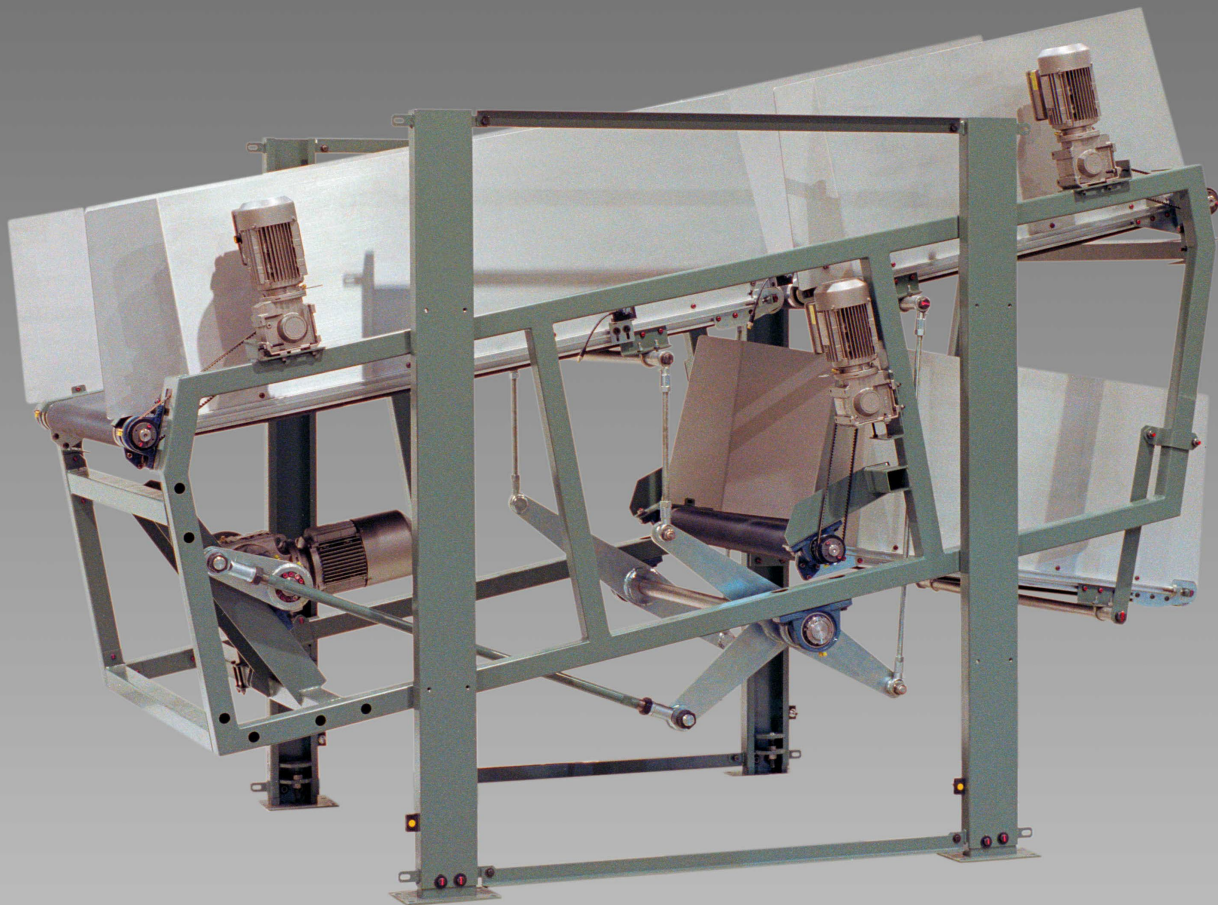


TWINSORT



Vertical Diverting/Merging Solution

- Capacity of up to 60 items per minute (3,600 pph)
- Modular design permits assembly in tight spaces
- Variable “dial-in” conveyor elevations
- Integrated controls simplify overall architecture

Ideal for diverting items to two destinations, or merging two lines into one

Specifications	
Cycle Time (mechanical)	0.50 seconds/cycle
Maximum Item Weight	120 lbs (55kg)
Maximum Item Size	60"L x 36"W x 34" H (typical for 39"W conveyor) (1524 x 914 x 864mm)
Power Unit	2 HP gear motor for actuator (up/down) 1 HP for each conveyor belt
Capacity (typical)	30 items per minute (1,800 pph) - Higher capacities of up to 60 bpm for smaller length products
Expected Service Life	>1 million cycles

Information is subject to change without notice. Please contact your Fives Intralogistics representative for updated specifications and configurations.

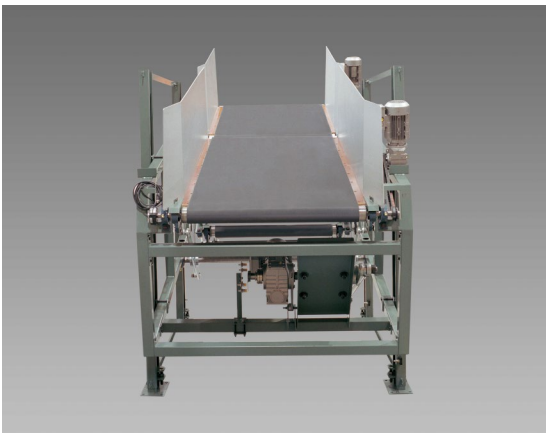
TWINSORT

The TWINSORT is a highly effective unit for diverting items to two destinations or merging two lines into one. The TWINSORT is well positioned to meet the increasing demands of the airport, courier and distribution markets. The TWINSORT features lightweight components to reduce the inertia required in moving the paddles in the up/down position. This design forethought enables the unit to operate at peak performance, sorting/merging items at up to 60 items per minute (3,600 pph).

Typically, the TWINSORT is shipped to the job site as a complete assembly. However, for space-constrained applications, the TWINSORT features a bolt-together design to facilitate field assembly. The outer frame, inner frame, paddles and cross member are separate components that can easily be field assembled.

The TWINSORT is designed to accommodate an infinite number of take-away conveyor elevations. The unit features an inner frame that can be varied in height and angular orientation. The range of motion is from horizontal through top conveyor to horizontal through bottom conveyor.

The fully integrated package includes the VFD, disconnect, and jog button. All that is needed is a 24VDC, 120VAC, or intelligent I/O signal to trigger the divert/merge cycle. The Intralogistics control system then activates upon the input photo-eye to precisely control the up/down motion of the conveyor flipper paddles.



the TWINSORT:
two destinations,
one amazing machine



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