



Steering Your Way to Sortation

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Dematic's Steerable Wheel Sorter, engineered to accommodate cases, cartons, totes or trays weighing up to 110 pounds, features robust performance for a wide variety of warehouse and distribution center applications. This sorter is a modular device that mounts inside the universal side frame of the Dematic Modular Conveyor System. The design allows the sorter to be easily re-located along the conveyor path if divert locations change. To relocate or add a new sorter, rollers in the conveyor are removed at the new location. The Steerable Wheel Sorter module is bolted into the side frame of the conveyor while the controls are configured and connected.

In the transport mode, the four rows of wheels turn in the forward direction conveying product straight on the conveyor. When a load requires diverting, the control logic simultaneously rotates and increases the speed of all the steerable wheels of the sorter to effectively accomplish the divert action. The conveyed load is diverted from the conveyor at 30 degrees. Once the load has diverted, the steerable wheels rotate back to the forward direction.

"For low and mid-rate applications, the Steerable Wheel Sorter offers outstanding performance with sort rates up to 80 cartons per minute" says Ken Ruehrdanz, Distribution Systems Market Manager. "Furthermore, it is engineered for operations that may need to re-configure their layout in the future and that seems to include many users in this era of changing operational requirements."

For more information on the Steerable Wheel Sorter, please contact Alan Carey at acarey@conveyorhandling.com.



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