

Webb VSort™

Baggage Sorting Conveyor

High-speed sorting and merging baggage handling conveyor



Standard Specifications

Baggage Size:

Maximum

Length 54" (1371 mm)
Width 33" (838 mm)
Height 36" (914 mm)

Minimum

Length 6" (152 mm)
Width 3" (76 mm)
Height 3" (76 mm)

Weight of Single Bag:

Maximum 120 lb (55 kg)
Minimum 1 lb (.45 kg)

Throughput Capacity:

Maximum 40 bags per min.
2400 bags/hour

Dimensions:

Standard Overall Frame Size

Length 116" (2900 mm)
Width 65" (1700 mm)
Height 93" (2300 mm)

The fastest vertical sort/merge baggage transfer in the industry today!

These three conveyors can be driven independently, slave-driven by the Webb Vsort, or slave-driven by the main line input or output conveyors.

Local PLC controllers determine the destination of each bag, based on tracking data and the position of the load on the conveyor.

Servo motors and controllers on the transfer unit provide quick, controlled acceleration, deceleration, and full adjustment of cycle speed to vertically transfer bags at a rate of up to 40 bags per minute.

Jervis B. Webb Company

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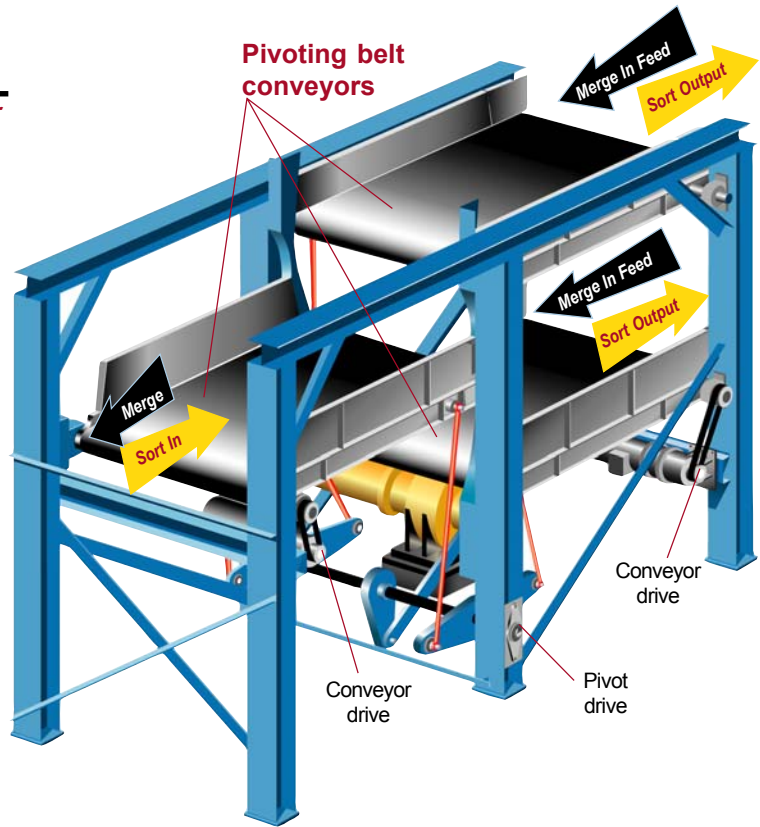


Webb VSort™

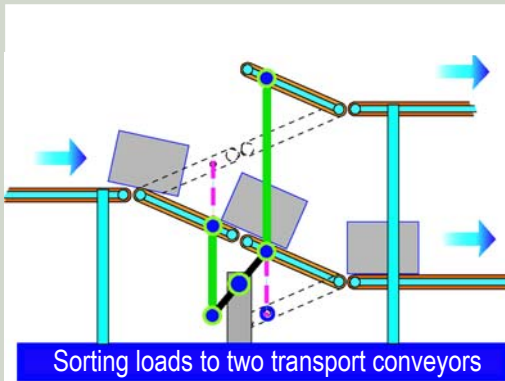
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Durability - The heavy-duty construction of the Webb Vsort conveyors can withstand the demanding environment of high-volume baggage operations. The components are manufactured to provide improved wear resistance, reducing scheduled maintenance requirements.

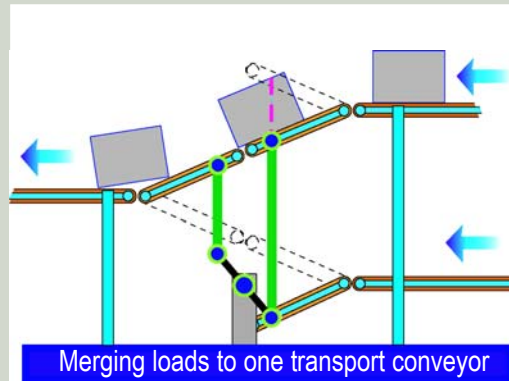
The conveyor belt is a monofilament carcass construction with a grooved PVC top cover for increased traction and a urethane coated bottom cover for additional durability.



Sorting and Merging Baggage



Sortation - Used as a vertical sortation conveyor, it provides vertical sortation of baggage from one transport conveyor line to two transport conveyors situated in a vertical attitude. The baggage may be transferred either in the upward or downward direction.



Merging - As a vertical merge conveyor, Webb Vsort provides vertical merging of baggage from two transport lines situated in a vertical attitude to one transport conveyor. The baggage may be transferred from either the upward or downward direction.

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34375 West Twelve Mile Rd.
Farmington Hills, MI 48331-5624 USA
1-248-553-1220 Fax: 1-248-553-1228
www.jervisbwebb.com
E-mail: info@jerviswebb.com