



MHS Conveyor NBS® (Narrow Belt Sorter) Product Line



MHS Conveyor
1300 E. Mount Garfield Road
Norton Shores, MI 49441
mhs-conveyor.com

WELCOME

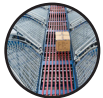
to MHS Conveyor NBS® Product Line

Unique NBS® (Narrow Belt Sorter) conveyors are specifically designed for quiet operation by including features such as several narrow belts running in a track with optimum belt tension on each narrow belt with patented automatic belt take-up.

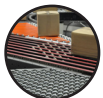


NBS

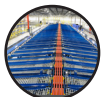
NBS® refers to the family of narrow belt sortation equipment that MHS Conveyor has developed. It includes the NBS30, NBS Wave 200, NBS90, NBS PreAligner, and NBS PolySort.



NBS30



NBS Wave 200



NBS90



NBS PreAligner



NBS PolySort

NBS Narrow Belt Sorter

Continuous contact between belt and product provides maximum tracking accuracy, for optimum sort reliability. Narrow belts ride on low friction roller bearing and are captured in track guides, resulting in reduced noise and eliminating tracking problems.

NBS Automatic Take-up

Automatic, pneumatic belt take-ups provide even belt tension on each individual belt.



NBS30

MHS Conveyor's NBS30 employs a series of narrow belts, each with individual take-up. The system precisely senses product as it reaches the appropriate divert point and triggers the high-friction divert wheels to rise, gently turning and diverting products at a 30 degree angle onto a spur conveyor.

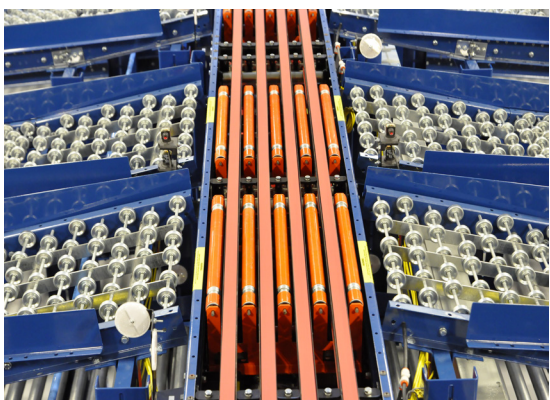
- Simple 30 degree diverter design uses belt return to drive the divert wheels eliminating needs for a divert motor. Equals less maintenance and higher uptime.



NBS WAVE 200

The NBS WAVE 200 Narrow Belt Sorter is the next evolution of MHS Conveyor's NBS technology, and retains its basic features. By raising and lowering the rows of divert wheels individually, the gap required for sorting product is reduced to 6" with a tolerance of ± 3 ".

- Speeds of 210 FPM minimum to 425 FPM maximum (with certain products)
- Six rows of high friction wheels - enhance reliability of divert at high speeds maintaining orientation
- Simple 30 degree diverter design uses belt return to drive the divert wheels eliminating needs for a divert motor. Equals less maintenance and higher uptime.



NBS90

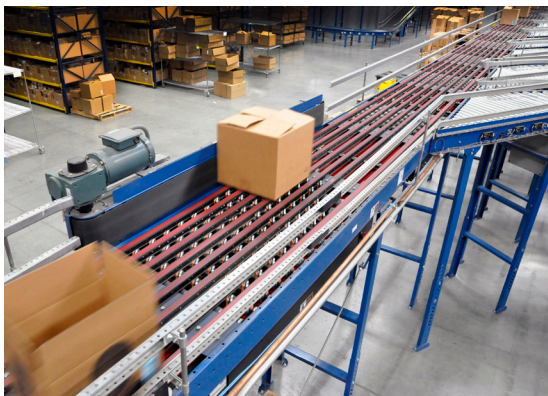
NBS 90 conveyor employs a series of narrow belts, each with a patented individual take-up. High-friction rollers raise to grip and gently divert products at a 90-degree angle right or left. The NBS 90 carries products at speeds up to 300 feet per minute and achieves a sort rate of up to 65 cases per minute (single side).

- Separate MOVIMOT drive within each single or bidirectional transfer module allows space saving
- Pickup of product "on the fly" allows maximized sort rate

NBS WAVE

A series of narrow belts, each with its own take-up, span the length of the conveyor. High-friction divert wheels rise between the belts, accurately diverting product at a 30-degree angle.





NBS WAVE PRE-ALIGNER

The 12 row pre-aligners are used for NBS 30 degree sorters that will divert off both sides.

- Right hand and left hand flow aligner available. Pre-aligners are single direction only.
- Rates up to 200 CPM can be accommodated. Vertibelt unit must be used in conjunction with the pre-aligner to ensure sort gap retention.



NBS90 POLYSORT

The NBS90 PolySort is capable of belt speeds up to 300 feet per minute and can be used with an extreme range of mixed products; poly and jiffy envelopes, and small parcels and packages from 2 ounces to 40 pounds.

- Tighter belt centers vs standard NBS90 along with other features - prevents polybags from sagging between belts avoiding jams and mis-diverts
- Automatic, pneumatic belt take-ups provide even belt tension on each individual belt.

ABOUT MHS CONVEYOR

MHS Conveyor is a leading worldwide supplier of dynamic, high-quality automated conveyor and sortation technologies used to transport a wide variety of products. MHS Conveyor is sold through a network of factory-authorized integrators as part of complete, integrated intralogistics solutions engineered to meet and exceed the customer expectations.

