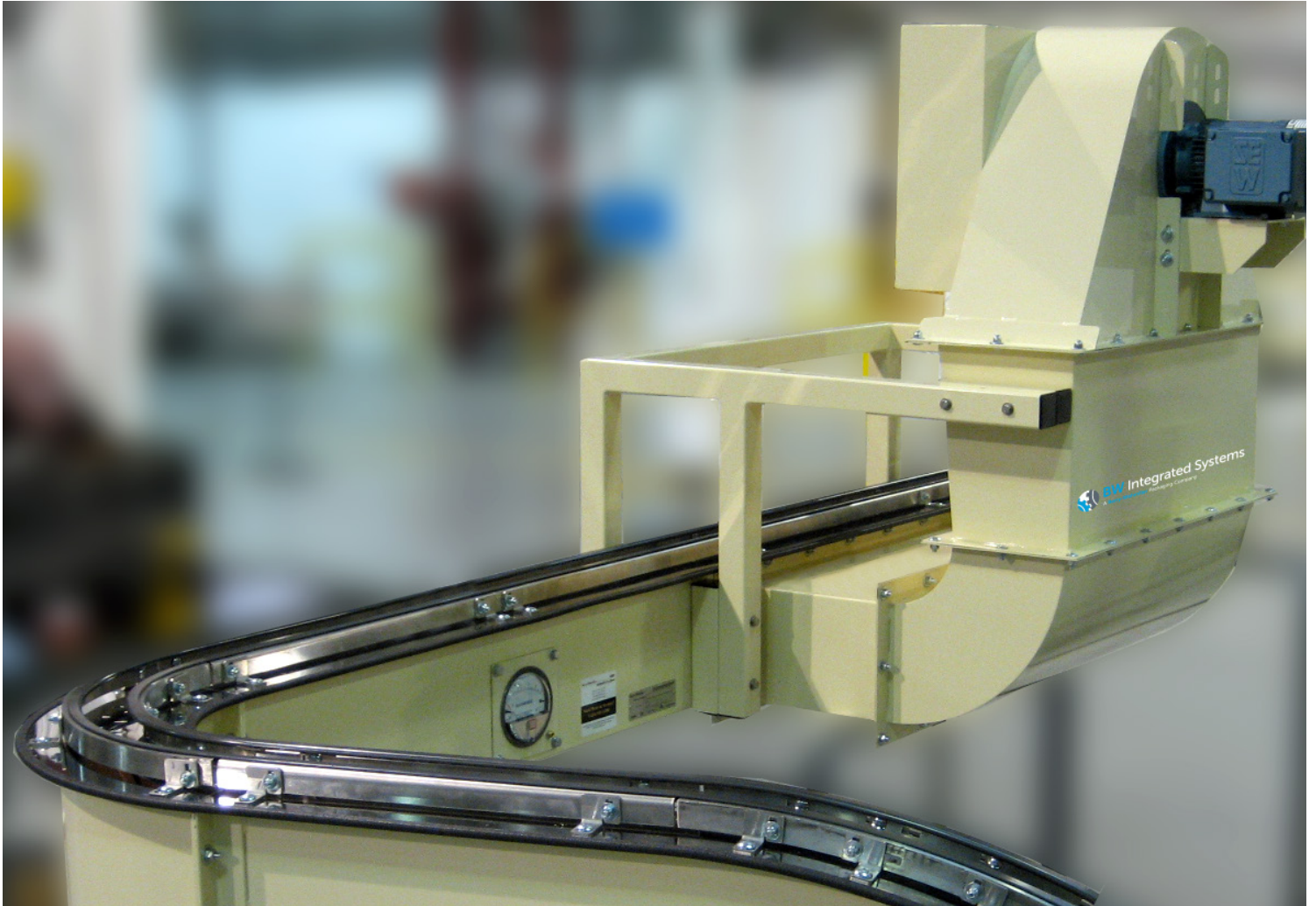




Baseblow Air Conveying



BW Integrated Systems' Baseblow Air Conveying Systems utilize air, along with louver patterns in the air deck, to convey a variety of containers including metal cans, PET bottles, HDPE bottles, caps, pucks, boxes and more. The unique design of the conveyor allows containers to remain upright to alleviate downed containers. The conveyed product repeats instantaneously, throughout the population of containers in the product flow, as long as downstream demand continues.

Baseblow Air Conveying

Baseblow air conveying contains fewer moving parts which keeps maintenance and spare parts to a minimum, compared to mechanical conveyors. The unique design of the conveyor allows containers to remain upright to alleviate downed containers.

The conveyed product automatically adjusts to the downstream demand which complements the deckplates' forced air action. As each container moves forward, a momentary low-pressure gap tends to form in the space it leaves behind, drawing an upstream container to follow the same path. This phenomenon repeats instantaneously, throughout the population of containers in the product flow, as long as downstream demand continues. The faster a downstream device withdraws containers, the faster succeeding containers will follow. This allows for condensed layouts or increased accumulation.

Some optional features offered for Baseblow Air Conveying include rapid adjust hold-downs, auto adjust rails for quick changeover, customized louver patterns and transfers to and from a mechanical conveyor.

Features

- Low / no maintenance when compared to mechanical conveyor
- Lightning quick gap make-up capability allows for condensed layouts or increased accumulation
- Containers remain upright, no downed containers created
- Metal cans are typically conveyed at speeds of 2,000 CPM
- PET or HDPE bottles are typically conveyed at 500 BPM

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Baseblow Air Conveying can benefit your company.



Containers being conveyed upright



Baseblow Air Conveying

Specifications

Output

- Metal cans are typically conveyed at speeds of 2,000 CPM
- PET or HDPE bottles are typically conveyed at 500 BPM

Blowers

Efficient airfoil wheel mounted, painted mild steel (stainless steel optional), with or without a drain - side or above mounted

Plenum

Painted mild steel (stainless steel optional) - clean-out doors, bolt on or hinged

Hold Downs

Plastic or stainless steel, based upon product being conveyed

Rails

Plastic (stainless steel optional)

Motors

Baldor/Weg, or per customer specification

Supports

Painted mild steel (stainless steel optional)