

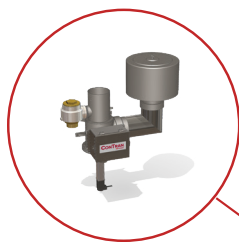
ConTran Product Flow

ConTran is the fourth generation of continuous dense phase transfer technology from Horizon Systems. This evolution in dense phase transfer gently handles your product at relatively low pressure and high convey rates, resulting in minimal breakage and fines – all while conveying with less energy consumption and lower maintenance costs compared to other pneumatic designs.

CONTRAN™

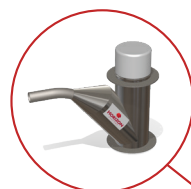
Air Controller

Modifies the density of the air entering the blower to generate a low velocity air stream that gently delivers product to storage or packaging



Product Flow

A “Full Bore” Plug Diverter Valve is used to add flexibility to system designs by allowing multi-source production to a single destination or a single-source production to multiple storage or processing destinations



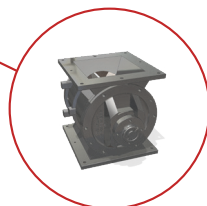
Terminator

Reduces the product velocity as it exits the convey line, which protects the product from excessive breakage as it's delivered to the destination receiver or bin



Pressure Blower

- The ConTran pressure blower system offers operating efficiency and cost savings compared to other pneumatic systems
- Control panel can be programmed to operate the system independently or expanded to work with other production functions depending on the capabilities of your PLC systems
- Pressure blower configuration includes a sound enclosure, reducing noise and protecting employees from moving parts



Feed Assembly

The high tolerance valve provides repeatable/reliable air loss calculation for more accurate product feed and flow



Visual Inspection

A Sight Glass may be added at inspection points to visually verify product flow without giving up system performance

ConTran Advantage

Minimal material degradation
(actual degradation comparison)



Dilute Phase



ConTran

