



1. Pull/Push Conveying

Durable Pull/Push railcar unloaders offer the advantage of vacuum and pressurized material conveying in one unit. Offering superb quality, reliability and engineering, these units utilize a single TEFC ball bearing motor, provide an automatic purging sequencer to prevent material slugging, and have a rotary valve for metering material flow. Available in sizes 15 HP - 50 HP and capacities 7,500 lb/hr - 25,000 lb/hr.

2. Positive Displacement Pumps

Regenerative Type Vac Pumps and Two Types of Central Filters

For reliable material conveying and filtration. Pumps are available in either regenerative or positive displacement type units with a fully enclosed pump and motor for durable component protection and noise reduction.

3. Virgin/Regrind Proportioning Valve

User-friendly ration proportioning valve turns any receiver into a Virgin/Regrind Loader. Valves are easily retrofitted to any existing system. Once installed, simply adjust the control knob to the desired setting for consistent material proportioning. These specially designed valves minimize material layering by pulsating the loading sequence between the two materials.

4. Purging Valves

For clean and simple material changes. Designed for either dry or ambient air conveying, purging valves keep material lines free of pellets, eliminating possible material contamination and moisture re-absorption.

5. Dry Air Conveying

Conveying systems safeguard against material moisture contamination. Systems can be customized and provide efficient and economical conveying.

6. Central Drying / Multiple Drying Hoppers

Maximum drying efficiency, versatility and ease of operation. Designed for maximum air dispersion to ensure thorough material drying. Multiple hopper arrangements enable drying a wide variety of materials and/or colorants simultaneously. Pre-heaters are also available for individual hopper temperature control. An insulated manifold with manual shut-off valves allows for individual air flow control to each hopper.

7. Desiccant Dryers

Wide range of high quality, high efficiency dryers covered under 5/30 warranty (5 years on bed seals and 30 months on entire dryer).

8. Silos

Wide range of FDA approved silos to suit your specific needs, including: corrugated, galvanized, aluminum, steel, painted, bolted, or welded. Truck delivery and one-day installation provided.

9. Material Manifold

Customized material manifolds with quick disconnects offer clean, simple material selection and changeover to suit your central vacuum system.

10. Precision Additive Feed Units

Featuring titled design to eliminate potential of excess colorant from being vibrated into the melt stream. Optional controls to track molding machine screw speed and assure quick, easy color changes. Variety of additive feed units and controller types for maximum dependability.

11. T-Valves / Compressed Air Sequencing

Well-managed loading systems begin and end with compressed air sequencing valves that supply vacuum to every loading station on line. Installing these units directly on the vacuum line as opposed to, on the receiver itself, allows for safe operating conditions, reduced receiver weight, and eliminates the risk of valve damage during receiver cleaning.

12. Minimum Inventory Receivers

Comprehensive one and two shot material management designed to decrease material changeover time and eliminate hygroscopic material from moisture re-absorption. Versatile units available with adjustable proximity switches and ProTek controls for material level management. Simply pre-set the load size to match your machine's throughput.

13. Tech 2 Single Station Controls

For molding operations that call for a higher degree of material management. Microprocessor driven "Tech2" units feature user-friendly access. Ergonomically-designed units feature simple load time set-up and a NEMA-12 enclosure for easy maintenance and security against unwanted tampering. Fully expandable.

14. ProTek-A/B Loading System Controls Standard Features

- Vacuum readout through vacuum fluorescent display
- Purging valve control through vacuum fluorescent display
- Capable as standard of controlling two vacuum pumps
- Status of station loading pint displayed
- No load alarm – material runs out – alarm is displayed
- High amp alarm – signals an alarm if motor overload is tripped
- Dirty filter alarm on central filter
- 24 hour history of alarms