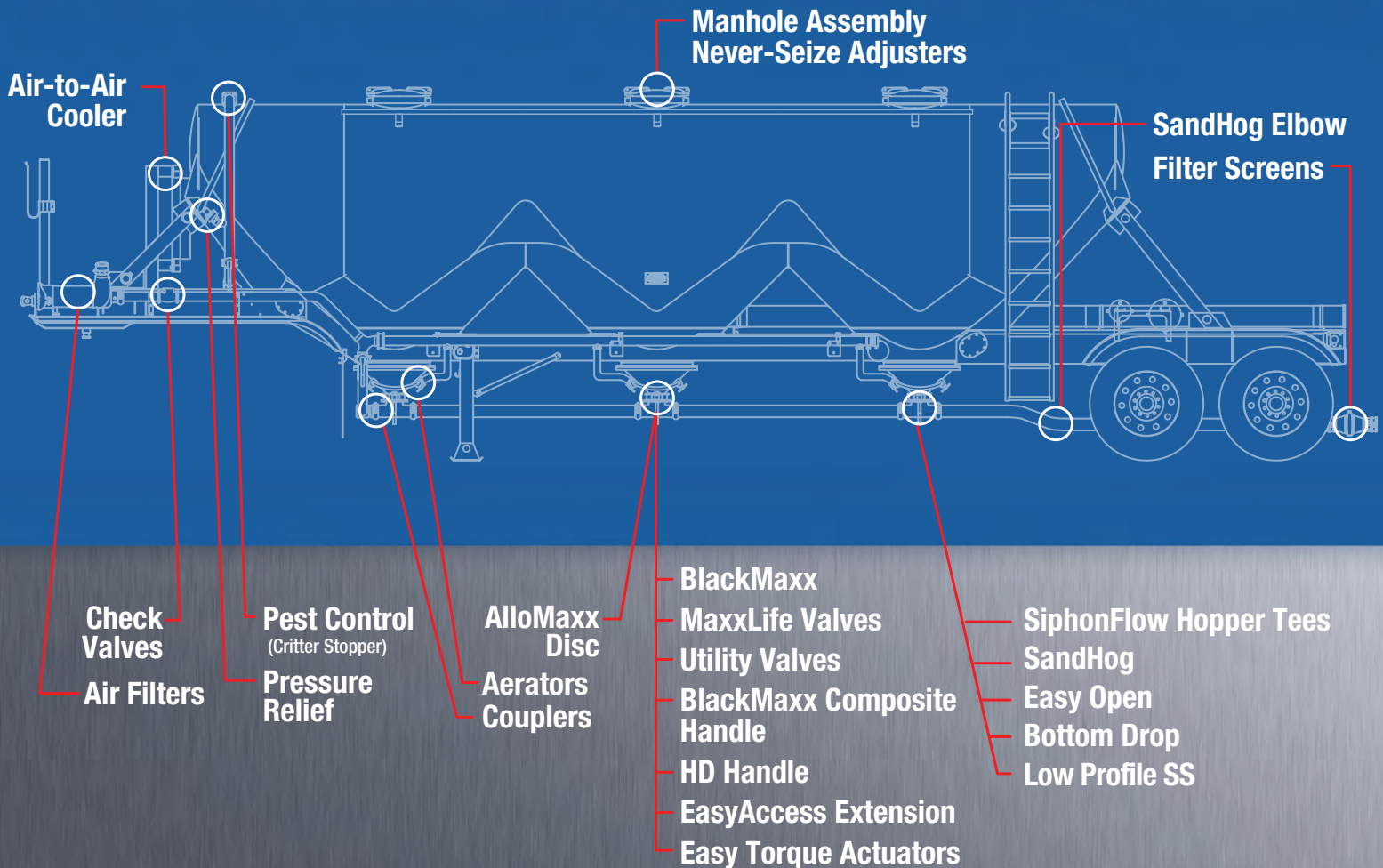




**BTI. One stop for all your Pneumatic Solutions.**



**The full line of BTI Products**  
**Proudly and Completely Made in the USA**



**MAC Trailer Aftermarket Parts, Inc.**  
**12241 Rockhill Ave. NE. Alliance, OH 44601**  
**Phone: 800-647-9424 Web: [aftermarket.mactrailer.com](http://aftermarket.mactrailer.com)**



**Bulk Tank Inc.**

**PROUDLY and COMPLETELY**

## **BlackMaxx** Composite Fiber Butterfly Valves

**Seats:** Black MaxxLife - White MaxxLife\*

**Sizes:** 2" to 8"

**Stem Extensions:** 3" - 48"

### Features and Benefits:

Composite Fiber for strength and weight reduction  
High Flow Rate  
Reduced Torque  
No Disc Screws  
Lighter Weight  
Upper Stem Seal Lubrication  
Double D Stepped Stem  
Seat Interlocks to Body  
MaxxLife FDA Compliant Seat  
Stainless Steel, Ductile, or AlloMaxx Disc

## **AlloMaxx** Ultra Light-Weight Discs by B.T.I.

Replaces Ductile or Stainless Steel  
Food Grade or Abrasive materials  
Stronger than Ductile Iron  
With BlackMaxx allows for 50% reduction in weight  
30% more flow than ductile iron disc



**Seats:** Black MaxxLife and White MaxxLife\*

**Sizes:** 2" to 12"

**Stem Extensions:** 3" - 48"

### Features and Benefits:

High Flow Rate  
Reduced Torque  
No Disc Screws  
Lighter Weight  
Upper Stem Seal Lubrication  
Double D Stepped Stem  
Seat Interlocks to Body  
HD Handle/Stainless Steel Plate  
MaxxLife FDA Compliant Seat  
Stainless Steel, Ductile, or AlloMaxx Disc - a great food grade alternative to stainless



**MaxxLife**  
Transportation Butterfly Valves from B.T.I.

## **Utility** 100% Made in USA - all Components & Labor

Same features as MaxxLife but only available in the following configuration:

**Seat:** Black Buna-N  
**Disc:** Ductile Iron



- The standard BlackMAXX Composite HD Handle is 43% lighter than an industry standard stamped steel handle
- The BlackMAXX handle is 25% lighter than an aluminum HD Handle
- Fastener free handle retention – interlocking throttle plate
- Corrosion resistant

## **BlackMaxx** Composite HD Handle

- Static Shock resistant
- Priced at or below imports
- Lifetime Warranty

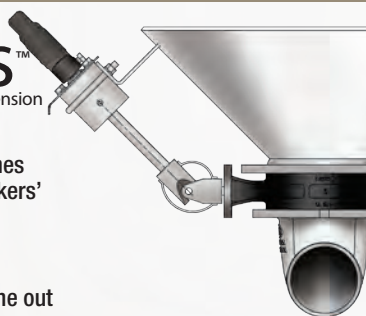
Fits all standard butterfly valves and is available in two sizes for your specific application.



## **EasyAccess** Multi-Angle Butterfly Valve Neck Extension

### Features and Benefits:

Keeps user clear of hot supply lines  
Avoid back strain - lowering workers' comp claims  
Multi-Angle to fit any situation  
Lubrication Chamber  
Booted to keep road dirt and grime out



## **HD** It's the definition of TOUGH. Valve Handle

### Features and Benefits:

Aluminum Body for Light Weight  
Stainless Steel Trigger for Long Life  
Corrosion-resistant composite trigger for smooth operation

Ergonomic Offset for Increased Leverage



Straight HD Handle For Smaller Airlines



## Ultra-Lightweight Aeration Butterfly Valve

### Features and Benefits:

Connect directly to air line  
Weighs a fraction of conventional aeration valves - 1.5 lbs!  
Same flow as conventional ball valves  
4 configurations:

- King nipple to female
- King nipple to king nipple
- Female to female
- King nipple to flanged

Other connections available upon request



Provides superior performance and critical weight-savings

## **Easytork** ROTARY PNEUMATIC ACTUATORS

### Features and Benefits:

Quieter Operation  
No negative effects due to moisture  
Small Foot Print  
Less Air Consumption  
Unique design allows fail safe operation  
2 Year Full Warranty  
One Internal Moving Part and no Corrosion Prone Spring



\*MaxxLife Seats are not suitable for fuel/petroleum service.





**Bottom Drop or Straight**

**Features and Benefits:**

- EXTREME Wear Resistance
- Unique Ledge Protects Critical Wear Areas
- BTI's Duralon that Provides Over Twice the Wear
- Patented SiphonFlow Technology for Faster Unloading
- Thicker Construction in Critical Wear Areas



**Original Duralon®** US Patent #10,145,500

**3 Connection Configurations**

- Straight
- Female Cam connection
- Male Cam connection

**BTI SandHog™ Elbow**

**Configurations:** two cam and groove configurations: female to male and male to female

**Angle:** 45° or use 2 to make 90°

**Features and Benefits:**

- EXTREME Wear Resistance for highly abrasive materials like frac sand
- Unique Spherical Pocket Design
- Protects Critical Wear Areas
- Side Unloading as well as Rear Unloading



**Original Duralon®**

**BTI SiphonFlow™ EasyOpen Hopper Tee**



**Features and Benefits:**

- No Bolts - Easy to Remove for Cleaning
- Easy to Adjust
- Faster Unloading
- Easy to Clean
- Polymer and Oil Impregnated Bushings at Pivot Points
- Eliminates the Danger of Contamination
- Fewer Parts Means Less Maintenance

**BTI's ULTRA-LIGHT MANHOLE ASSEMBLY**

**Self-Aligning Lid Gasket** - Keeps lid aligned and metal shavings from entering your load.

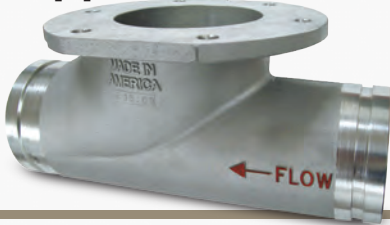
**Wearplate** - New design allows for easy and quick replacement of wear plates.

**BTI's Never-Seize Dry Bulk**

**Manhole Adjusters** are guaranteed to keep your adjusters operating longer and working better. Never-seize adjusters come with a 10-year warranty. Parts are interchangeable with leading manufacturers.



**BTI SiphonFlow™ Straight Hopper Tee**

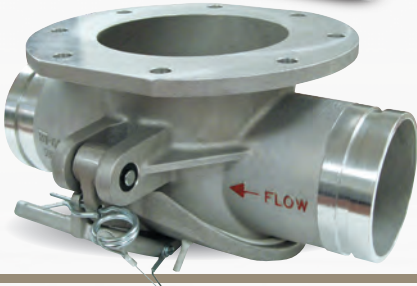
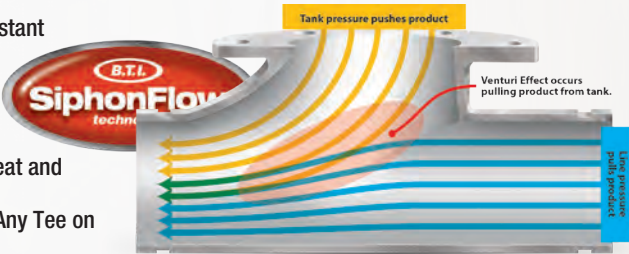


**Sizes:** 5" - 6" - 8"

**Material:** Aluminum or Abrasion Resistant Duralon™

**Features and Benefits:**

- Fastest Unloading Tee on the Market
- Lightweight • Longer Lasting
- Creates Less Turbulence - Reduces Heat and Friction
- Approx. 300 SCFM's More Flow Than Any Tee on the Market Today



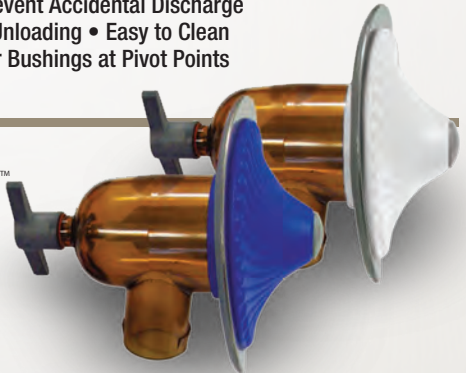
**BTI SiphonFlow™ Bottom Drop Hopper Tee**

**Sizes:** 5" - 6" - 8"

**Material:** Aluminum or Abrasion Resistant Duralon™

**Features and Benefits:**

- No Bolts • Always Perfectly Aligned to Prevent Accidental Discharge
- Faster Unloading • Easy to Clean
- Polymer Bushings at Pivot Points



**BTI Critter Stopper**



**Sizes:** 3" - 4"

- Eliminates Small Rodents and Insect Contamination
- Flap Allows Air Out But Nothing In
- Attaches to End of Blow-Down Line

**SpinFlow™**  
AERATION SYSTEM

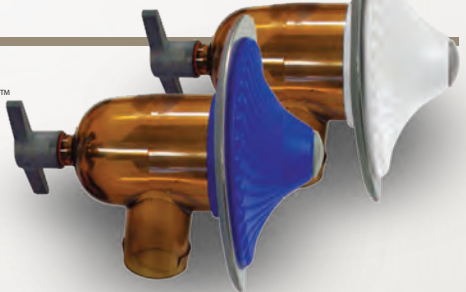
**Port Configurations:** 1-3

**Housing:** Clear or Natural

**Features and Benefits:**

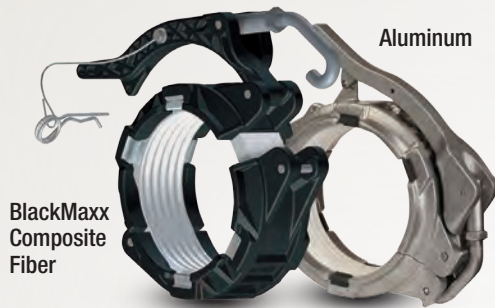
- Up to 20% Faster Unloading
- Increased Pressure Velocity
- Prevents Back Flush

**Rubbers:** Blue or FDA Approved White  
Rubber designed to Last Longer with out premature cracking or splitting.





## All-in-One Coupler



**Body:** Aluminum or BlackMaxx Composite Fiber  
**Sizes:** Aluminum: 3" - 4" - 5" BlackMaxx: 4"  
**Closure:** Bolt-On Tee or Cam Handle  
**Gasket:** White FDA Approved - Solid or Split  
**Features and Benefits:**  
 One Coupler for Plain to Plain, Groove to Plain, and Groove to Groove  
 Light Weight Aluminum Die Cast  
 Eliminates Unnecessary Parts Costs  
 Hinge Design Matches Gasket Curve - Eliminates Pinching  
 Split Gasket Seals First time and Every Time  
 Provides Continuous Grounding  
 FDA Approved Lubricant in Gasket Eliminates Need for Additional Lubrication  
 Cuts Cleaning Time  
 Polymer Bushings Eliminates Galling and Seizing  
 Lock Pin Provides Secure Closure

## Groove to Groove Couplers Bolt-On and Cam Handle

**Body:** Aluminum  
**Sizes:** 3" - 4"  
**Closure:** Bolt-On  
**Gasket:** White FDA Approved - Solid or Split  
**Features and Benefits:**  
 Grooved to Grooved, Grooved to Plain, and Plain to Plain  
 Light Weight Aluminum Die Cast  
 Provides Continuous Grounding  
 Split Gasket Seals First time and Every Time  
 FDA Approved Lubricant in Gasket Eliminates Need for Additional Lubrication



## OPTIMA CHECK VALVES BY BTI

**Sizes:** 2", 3" and 4" Flat Poppet  
**Gasket:** White FDA Approved  
**Features and Benefits:**  
 Long Life Coil Spring • Light Weight

Spring Housing Protects Load from Contamination  
 Fewer Internal Parts- Reduced Risk of Contamination  
 Bell Housing Provides More Open Area & Less Back Pressure  
 Guide Bushings Regulate Opening and Protects Spring  
 Flat face poppet allows for more open area for flow and less back pressure. Self-sealing gasket design.



## All-in ONE Pressure Relief Valve

Shown with Male Cam Lock Fitting



**Sizes:** 2"  
**Release:** Adjustable - Fixed - Manual  
**Pressure Ratings:** 5-30 PSI  
**Features and Benefits:**  
 Long Life Coil Spring  
 Fewer Internal Parts- Light Weight and Reduced Risk of Contamination  
 Bell Housing Provides More Open Area and Less Back Pressure  
 High to Low Temperatures  
 Male Cam Lock Fitting, Male Anodized Threads and Female Anodized Threads  
 FDA Approved Seat  
 Tamper Proof Body

## AccuSafe PRESSURE RELIEF VALVE



**Sizes:** 2"  
**Features and Benefits:**  
 Machined top and bottom stainless steel spring guide tubes to ensure consistent function and repeatability  
 Unique poppet and spring design allows for smooth and consistent air flow, eliminating "air shutter" found with standard poppet designs which causes fluctuating air pressure  
 Precision machined S.S. poppet with optimized huddle chamber  
 One-piece FDA-Compliant High-Temperature Diaphragm to protect and eliminate contamination to the working components from dirt, water and ice  
**3 Connection Options**  
 Male 2" Cam Fitting • Male 2" NPT Threads • Female 2" NPT Threads  
 - Hard anodized to protect and extend life  
 Multiple Configurations Available  
 Non-Adjustable, Manual-Release and Adjustable  
 Tamper-Proof Seal

## BTI Pneumatic Conveying Filter Screen

**Sizes:** 4" - 5" - 6"  
**Screen Options:** 1/4", 3/8" and 7/16" sizes  
**Connections:** Male Pipe Threads, Male Cam Lock, Female Cam Lock  
**Features and Benefits:**  
 Bell Housing Creates 40% More Open Area  
 - Flow is Not Restricted  
 One-Piece Cast Aluminum Housings • Lighter than Conventional Filters • Filter Screen is Molded in to Gasket • Quick Coupler makes Cleaning Fast and Easy • Tamper Proof - If Filter is Removed, Unit Will Not Hold Pressure



## SpinFlow Filter/Silencer

**Features and Benefits:**  
 Silencer Built in to Unit  
 Reduces Back Pressure  
 Reduces Heat Build Up  
 Airflow Spin Helps to Utilize Complete Filter Surface  
 Single Lever Cam Lid  
 Easy to Clean  
 Fewer Adjustments  
 Tamper Proof



## HD Filter

**Features and Benefits:**  
 Tapered end caps for easy installation  
 Permanent date stamp  
 Top mounted temperature indicator  
 Spiral welded core that is welded to the end caps for extra strength  
 Center band more stability and strength in a side air inlet housing  
 High strength potting material  
 Optional FDA Compliant Teflon® membrane



## BTI Low Profile Stainless Steel Hopper Tee

**Sizes:** 5" & 6"  
**Material:** Light Weight Stainless Steel

**Features and Benefits:**  
 Introducing the industry's first American made, food grade, investment cast, ultra-light weight, low profile hopper tee.



## BTI Trailer Mounted Air-to-Air Cooler

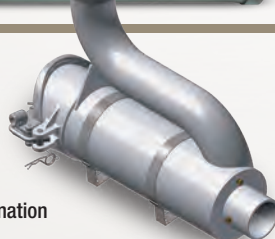
**The ultimate protection for heat sensitive loads**  
**Two Configurations:** Discharge/Intake on Fan Side and Discharge/Intake opposite Fan Side

**Features and Benefits:**  
 Provides cooled air to the dry bulk material.  
 Cooler is automatic - no special procedure is required.  
 Virtually maintenance free.  
 Requires no external water, air, or electric source.  
 Victaulic groove on the piping stub coming from the cooler, intake and discharge ports.  
 Compact, light, inexpensive, and does not affect the size of the trailer.



## Light Weight Front Mount SpinFlow Filter System

Over 5 lbs. lighter  
 Front Hose Inlet Connection  
 Exterior Filter Guide Protects from Load contamination



## Light Weight Standard SpinFlow Filter System

Over 5 lbs. lighter  
 4-inch Rear Connector  
 Exterior Filter Guide Protects from Load contamination

