

Manganese Products



- Cone Crusher Parts: Bowl Liners, Mantles
- Materials: 14% MN / 18% MN / 21% MN
- OEM Standard or Custom Options
- Torch Ring, Feed Cone Plate, Main Shaft Nut
- Jaw Crusher Parts
- HSI (Horizontal Shaft Impactors)
 - Low/High Manganese, Chrome, and Ceramics
- VSI (Vertical Shaft Impactors)

Hard Core™ Plate Products



- Perforated Plate Materials: AR500, AR400, AR200, Hardox™ 500, High Carbon, Stainless & Alloys
- Available Patterns: Square, Hexagon, Round, Rectangle, Obslot (Inline/Staggered) and Custom Designs
- Chromium Overlay Plate (Photo)

Certified HARDOX® Wear Parts Center

Buffalo is a proud member of the global HARDOX® Wear Parts network, certified by SSAB. This distinction recognizes our commitment to precision-fabricated, high-performance wear components.

Benefits:

- Access to world's largest wear knowledge database
- Exceptional solutions tailored to the most challenging applications
- Built for mining, energy, coal, construction, and agriculture
- Laser, Thermal Cutting, Welding, Forming, and Full Fabrication Capabilities
- Plate thicknesses: 0.125" to 6.00"



Engineering Screening Media & Wear Part Solutions

Supporting Customers Worldwide

BUFFALO
AGGREGATE

BUFFALO
MINING

BUFFALO
INDUSTRIAL

BUFFALO
RECYCLING

BUFFALO
ARCHITECTURAL

Who We Are

Pioneering engineered solutions since 1869

At Buffalo, we don't just make parts—we build partnerships. Our custom screening media and wear components are designed to reduce downtime, boost output, and maximize ROI. Whether you're sizing, scalping, dewatering, or protecting high-wear zones, we tailor every solution to your operation's unique challenges.



WE ARE EXPERTS

TECHSQUAD
BUFFALO

Engineered Solutions

Your on-call application engineering team.

Explore our real-world successes where TechSquad™ made a difference. Each Testimonial on the QR Code below highlights a unique challenge, our customized approach, and the results that improved our clients' efficiency and performance.

Inquire about our On-Site TechSquad™ Training Program

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Testimonials

TECHSQUAD
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Testimonials

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Built for Every Application: Our Full Product Lineup

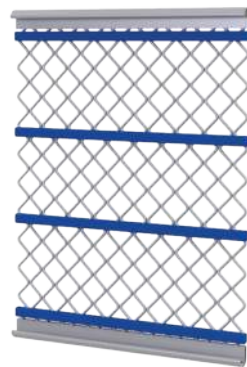
PFX™ Self-Cleaning Screens



Why Buffalo's PFX™?

(Patent #8353407)

- More efficient screening action
- Reduced or eliminated blinding and pegging
- Up to 3x screen life
- Largest opening range of wire diameter sizes: .019 - 4 in (.5 - 100mm)
- Largest range of pattern specifications



PFX™ HT

(Patent #8893894)

- Up to 10% increase in open area and 20% in throughput
- Extended screen wear life compared to round wire
- Designed for heavier deck loads
- Pure urethane strips amplify vibration
- Cross-sectional wire compression ratio designed for abrasive conditions



Clean PFX™ HT M Series

(Patent #8893894)

- Most common design replacing standard woven wire
- 1/8" - 3" Openings
- Profiled wire geometry provides extended screen life
- Tooling designed for exact sizing



Clean PFX™ HT M2 Series

(Patent #8893894)

- Most common design replacing standard woven wire
- M2 is designed for heavy loads
- Profiled wire geometry provides extended screen life
- Tooling designed for exact sizing
- Replaces plate in specific applications



Clean PFX™ HT L Series

(Patent #8893894)

- Highest open area in the HT Series
- Ideal for removing fines, producing a cleaner retained product
- Controlled Slot Design



Modular PFX™ - Untensioned

- PFX™ HT Wire is utilized for maximum performance
- Unrivaled lifespan and unique engineering design that will outlast competitors' screening media
- Patented PFX™ HT Wire provides more open area and greater throughput without sacrificing strength



Modular PFX™ - Tensioned

(Patent #11504744)

- The unique high tensioning of the screening media insert prevents pocketing and performs as efficiently as a Self-Cleaning Screen
- Outlasts competitors' untensioned screens with superior wear life
- Instantly increases open area and screening efficiently
- Eliminates blinding and pegging

Bison Duraweld™



Available hooked or modular

- Delivers up to 5x longer screen life and 20% higher throughput
- Up to 500 Brinell hardness for extreme durability
- Longer life = more production, less downtime, fewer maintenance costs
- Built-in skid bars for superior longevity
- Direct replacement—no conversions or modifications required

Urethane Products



- Designed for high-abrasion, wet or dry environments
- Thermoset and thermoplastic panel options
- Ideal for dewatering, mining, and aggregate industries

Full Panels



Urethane Tension Mats



Urethane Trommel

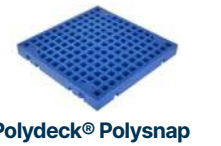
UHMW Sheets

- High-quality sheets prevent the build up of material. With a low friction coefficient, UHMW is used best when the friction coefficient is of greater importance than wear in sticky applications
- It is available in sheets 1/4" - 4" thick and 48" x 120" or cut to your specific needs



OEM Compatible Modular Screen Panels

- Polydeck® Polysnap
- Polydeck® Pin & Leg
- Polydeck® Pin & Sleeve
- Polydeck® PolyRail™
- TEMA ISENMANN WS 85™
- Linatex® Snap Deck® 2000
- Durex Snapdeck® Classic / McLanahan® Snap
- Metso® Trellex® 300LS, 305 LS
- Metso® Trellex® TS
- WestRail™
- Flat Framed Panels
- Full Panels
- Urethane Tension Mats
- Urethane Trommels



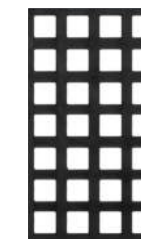
Polydeck® Polysnap



TEMA ISENMANN WS 85™

Rubber Products

Rubber-Backed Plates



Bolted

These Rubber-Backed Panels are compatible with Polydeck Armadex® style panels, are available in standard 4' x 4' bolted-in configurations.



Hooked

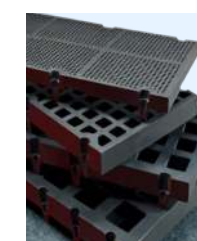
Designed for side tension or split-deck hooked screens, these panels maximize open area and boost screening efficiency by blanking out support bars.

Rubber Haul Truck Liners



Engineered rubber truck bed liners absorb high-impact loads, outlast steel, reduce noise and driver fatigue.

Rubber Modular Panels



Our Rubber Modular Panels offer exceptional wear, impact, abrasion resistance and high tensile strength.

Magnetic Liners

- Available in Urethane, Rubber, Ceramic and UHMW (patent pending)
- No bolts, adhesives, welding, cutting or retrofitting required
- For use in both static and vibratory applications
- Products offered include discharge lips, feed lips, pan liners, and chute liners
- Modular designs for custom geometries
- Unique encapsulated magnet design reduces corrosion
- Thicknesses greater than or equal to 3/4" available
- Easy to install, remove, and replace in high wear areas
- Wide range of polymers for wet and dry applications