



The Right Screen...

On-Time... Every Time!

30 Years of American Manufactured
Screening Media

The Samscreen

Philosophy

📌 It all starts with

Quality Domestic Materials...

In order to ensure consistent high-quality inputs and the availability of those inputs, Samscreen maintains a supply base exclusively within North America. All of our raw materials must pass a rigorous quality inspection before reaching the manufacturing floor. We use exclusively ASTM certified North American steel in all of our products.

Many screen manufacturers cut costs by gambling on low quality imported raw materials, knowing that a certain percentage of that material will fail in the field. We know that there are no short cuts when it comes to quality and we aren't willing to gamble with your production time. Does your current screen supplier use exclusively high-quality domestic materials? If they don't specify, material quality is likely where they are cutting their costs... potentially at your expense!





And a manufacturing process built around 

Speed, Flexibility & Precision...

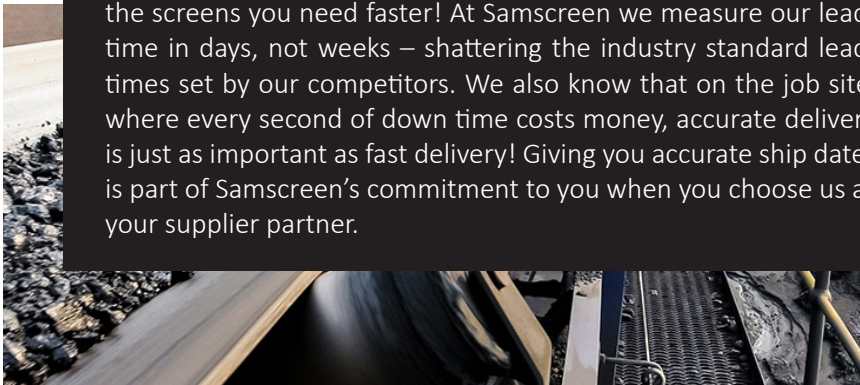
Lean, highly efficient manufacturing is just a starting point for Samscreen. We know that unexpected, urgent and custom orders are a fact of life in the mining and quarrying industry so we've built intelligent flexibility into every phase of our process. Our system is designed to quickly and efficiently reallocate manufacturing resources, when necessary, to meet rapidly shifting priorities, without compromising speed or quality. Every screen we manufacture undergoes a detailed final inspection, ensuring that your screen is always a perfect fit.



 For the fastest on-time delivery of

The Right Screen Every Time!

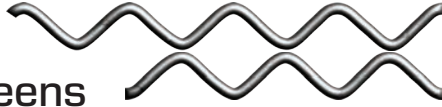
Our lean, efficient, and highly flexible process allows us to get you the screens you need faster! At Samscreen we measure our lead-time in days, not weeks – shattering the industry standard lead-times set by our competitors. We also know that on the job site, where every second of down time costs money, accurate delivery is just as important as fast delivery! Giving you accurate ship dates is part of Samscreen's commitment to you when you choose us as your supplier partner.



Screening Products

MAXKleen™

Self-Cleaning Screens



Screen Faster

Get more material on the ground **FASTER!** MAX Kleen screens are designed with independently attached wires that vibrate at a higher frequency than woven wire - efficiently stratifying material to pass it through the screen **FAST!** And, when you work with Samscreen, your screens will be delivered **FASTER** too!

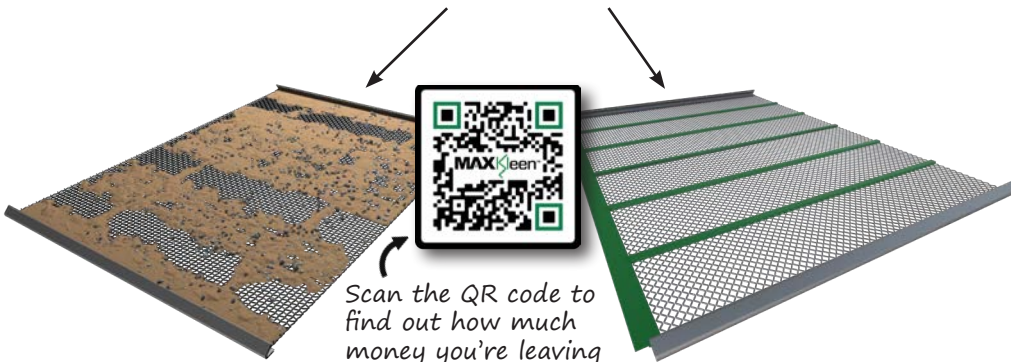
Screen Smarter

MAX Kleen is designed **SMARTER** - effortlessly cleaning itself to maintain maximum open area, while producing an in-spec product!

Screen Tougher

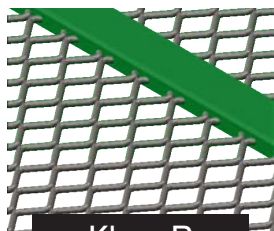
100% North American raw materials, 100% US manufacturing, and rigorous quality standards = a screen that performs better and lasts longer... up to 40% longer than woven wire!

Does your screen look like this or like this at the end of the day?



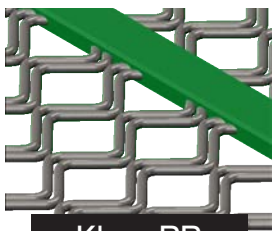
Scan the QR code to find out how much money you're leaving on your blinded over woven wire screen!

A MAX Kleen Profile for Every Material Challenge



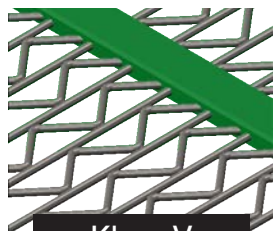
Kleen-D

An excellent 1:1 replacement for woven wire with faster self-cleaning thru-put and longer wear life



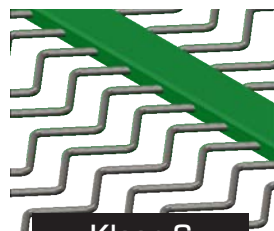
Kleen-DD

Ultra tough double wire + self-cleaning action = double the wear life of woven wire with faster thru-put.



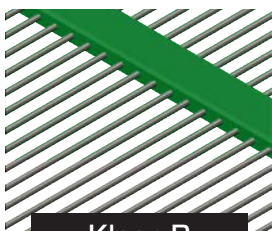
Kleen-V

Precision sizing + self-cleaning action + high impact resistance = 40% longer wear life with fast thru-put



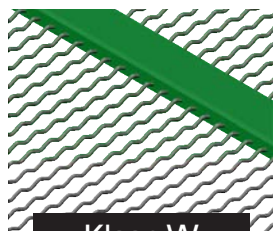
Kleen-S

High wire vibration and open area + sizing control = the perfect solution for material w/long narrow fines



Kleen-P

Straight wires + maximum open area = excellent cutting action with ultra fast thru-put



Kleen-W

Vertically crimped parallel wires = the highest cutting action of any screen on the market with ultra fast thru-put.

Wire Types & Thicknesses

» Carbon Wire

Ideal for heavy and/or abrasive material in dry/damp/wet conditions

» Stainless Steel

Ideal for screening wet, sticky, and/or corrosive material

» Opening range: 3/64" - 3 1/2"

» Wire Thickness range: 0.5mm - 9.0mm

Wire thicknesses and opening sizes vary depending on profile type. Choose the largest opening and smallest wire size that your wear life goals will allow for maximum production thru-put

Screening Products

MAXWEAR™ Perforated Plate Screens

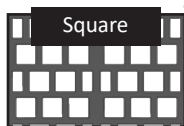
MAX-Out Wear Life and Open Area

Did you know that a MAXWEAR Perf Plate screen can provide 6-10X longer wear life than a Woven Wire screen without compromising open area? Unlike wire screens, where the thickness of the wire and the space between each opening will always be the same (the wire diameter) the thickness of the perforated steel plate and the bar size are independent variables! It is possible to have closely arrayed holes in a thicker plate, resulting in a longer wearing screen with more open area.

Eliminate Pegging & Blinding

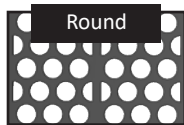
Round, Hex, and Octagonal holes virtually eliminate the pegging and blinding that woven screens are so prone to. Plus, we make each opening wider at the bottom to further reduce pegging!

Openings



Square

Staggered SQUARE openings prevent material rail riding!



Round



Hex

A HEX can be ordered 1.12X larger than SQUARE with the same sizing results - use the HEX Calculator to see what you could be producing \$\$

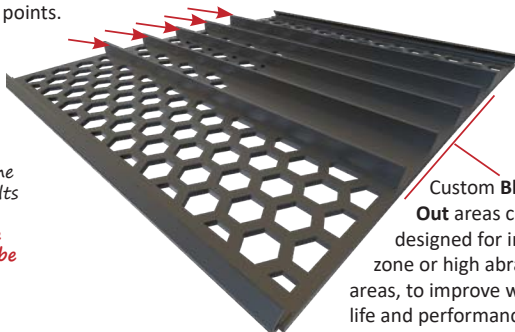


Custom

If it can be drafted in CAD we can make it!

Blank Outs & Skid Bars

Skid Bars shield the screen surface from high impact oversize material while allowing spec material to pass through – essentially screening material in two planes! Skid bars also help channel material, distributing it evenly along the screen's surface, speeding up stratification and eliminating high wear points.



Custom **Blank Out** areas can be designed for impact zone or high abrasion areas, to improve wear life and performance.

PianoWIRE™

Straight Wire Screens



30 Years of Piano Wire

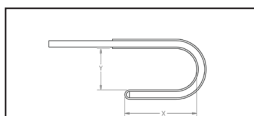
It's been 30 years since Samscreen became the first American company to manufacture Piano Wire screens and thanks to our high-quality raw materials, innovative manufacturing processes, and ultra fast shipping, Samscreen is recognized today as the premier source of Piano Wire screens in North America!

The Magic of Music Wire

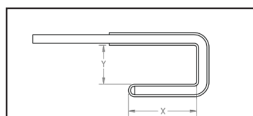
Music wire's lively vibrational properties and the straight parallel wire orientation, exert a unique cutting action on the material being screened, making it the only solution for clumpy, sticky, fine, cubical materials like damp sand, or top soil. And, with the highest percentage of open area of any screen on the market, Piano Wire can outproduce long-slot woven by a factor of 5X!

Hooks

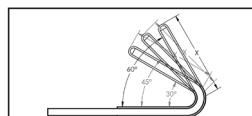
Common hook types are shown below, however, hooks can be customized for any machine.



End-Tension U Hook



End-Tension Square Hook



Side-Tension 30°, 45° & 60°

Wire Types & Thicknesses

» Premium Music Wire

Ideal for heavy and/or abrasive material in dry/damp conditions

» 304 Stainless Steel

Ideal for screening wet, sticky, and/or corrosive material

» Opening range: 1.2mm - 19mm

» Wire Thickness range: 0.5mm - 3.0mm

Choose the largest opening and smallest wire size that your wear life goals will allow for maximum production thru-put

Screening Products

MAXWEAR™

Trommel Drums

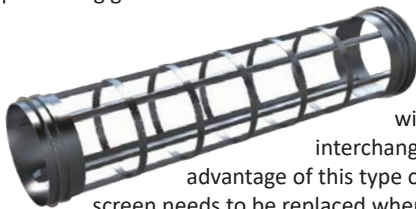
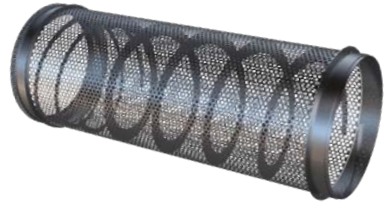


MAX-Out Screening Volume

Thanks to the Trommel Drum's size and rotational screening motion, large amounts of wet, oddly shaped, and variably sized materials can be processed quickly and easily. Trommels are the draft horses of the screening industry, reliably handling large amounts of tricky material day in and day out, making them invaluable in many high demand applications. Every one of Samscreen's Trommels is carefully crafted with a perfectly smooth, perfectly circular Trunnion Ring or Raceway, ensuring faster, quieter, more efficient performance.

Fully Perforated Steel Drum »

A Fully Perforated Steel Drum is a one-piece (drum and screen) screening unit that often includes an auger. Screen perforations are burnt to your specifications in any size, shape, and pattern to accommodate any material processing goal.

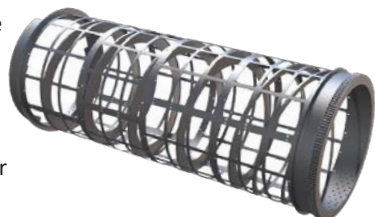


« Skeletal Drum

A Skeletal Drum is a steel frame without an Auger, designed to accept interchangeable screens of various kinds. The advantage of this type of Trommel, is the fact that only the screen needs to be replaced when it wears out – not the drum itself.

Trommel w/ Bolt-On Screen & Auger »

A Trommel frame with a bolt-on screen and the option of a built in auger, is designed for top level performance, longevity, and versatility! The skeletal frame is built to last a life-time, while the interchangeability of the bolt-on screen allows the drum to be used for whatever material the next job brings.



FINGER DECKS

Standard, Grizzly, & Scalper

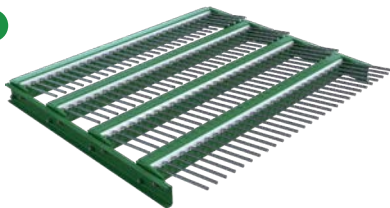


High Performance + Low Maintenance

Finger, Grizzly, and Scalper Decks are built to handle irregular, and oversized primary feed material with ease, so that the rest of your plant can do its job. Adjustable, high vibration, cascading sets of tines, ensure that the Finger Deck can withstand high impact, efficiently stratify material, and resist clogging, wrapping, matting, and blinding, all while keeping material MOVING! The simplicity of the Finger Deck design means that repairing and maintaining it is far easier and less expensive than the more complex star or disc screening systems as well.

Standard Finger Deck »

- Self Cleaning
- Efficient Stratification
- Adjustable Material Flow
- Modular Design
- MAXWEAR steel



« Grizzly Finger Deck

- Breaks Up Tough Material
- Self Cleaning
- Efficient Stratification
- Adjustable Material Flow
- Modular Design
- MAXWEAR steel

Scalper Deck »

- Designed for Very High Impact
- Modular Design
- MAXWEAR steel



Crushing Products

MAXWEAR™

Machined Wear Liners



MAXWEAR Steel + Precision Machining

Constructed from Samscreen's exclusive high quality, 100% domestic MAXWEAR steel, our Machined Wear Liners are built to take the abuse! After 30 years in the industry, Samscreen knows how hard crusher parts need to work to keep production running. Our specially alloyed MAXWEAR steel, combines maximum impact and abrasion resistance qualities for a Wear Liner that won't let you down! And, our precision machining capabilities ensure that, whether you are ordering a Standard OEM or Fully Custom Wear Liner, it will fit your machine perfectly!

Wear Liner Types

- » Cheek Plates for Jaw Crushers
- » Impact Wear Liners
- » Impact Apron Liners
- » Chute & Lip Liners
- » Feed Boot Liners for Cone Crusher

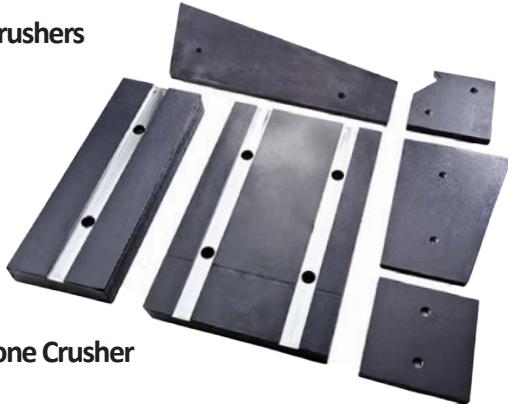
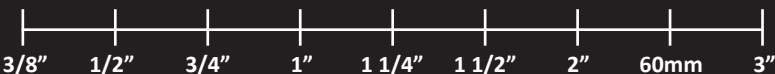


Plate Thicknesses

MAX-400 Grade



CRUSHER

Jaws, Cones, & Bars



Quality + Multiple Alloy Grades

Because we know that replacement crusher parts are the backbone of your crushing operation, we carry only the highest quality wear parts available. Samscreen offers cast Jaws, Cones, and Impact Bars in multiple metal alloys to make sure you get optimal performance from your crushing plant. Whether you are crushing soft, medium, or hard rock we have the right grade metal wear parts for your job. We carry crusher parts in a range of Manganese/Chrome alloys for optimal crushing performance even under the most challenging material conditions!

Blow Bars ⌵



Add Ceramic Insert Technology to any blow bar grade for a significant increase in Wear Life, without sacrificing any of the inherent benefits of the base metallurgy

Alloy	Impact Resistance	Abrasion Resistance
Martensitic	Excellent	Medium
Medium Hardness Chrome	Med-Low	Very High
High Hardness Chrome	Medium	High



« Crusher Cones

- 14% Manganese 2% Chrome
- 18% Manganese 2% Chrome
- 22% Manganese 2% Chrome

Crusher Jaws »

- 14% Manganese 2% Chrome
- 18% Manganese 2% Chrome
- 22% Manganese 2% Chrome





What does it mean to be a Supplier Partner?

From our mix of screening products, to our innovative product features, to our agile manufacturing processes, to our lightning-fast delivery times and responsive customer service – Samscreen’s commitment to the success of our customers can be seen in every part of our business model. We believe that sustainable success is only built through a philosophy of long-term partnership with our customers, where trust is built over time by consistently delivering what we promise, when we promise it.

We’re not afraid to get out in the field and get dirty! If finding a solution to a screening challenge, requires climbing into a machine to get a closer look, than that’s where you’ll find us. We aren’t satisfied until you are satisfied – that’s just how we’ve always operated, ever since we got our start in this industry 30 years ago.

Whether you are a dealer or an end user of screening media, we think you’ll like the difference that Samscreen’s philosophy makes for your business!



*Check out our
website to
learn more!*



SCAN ME

Call or email us today for a competitive quote!

www.samscreen.com | 1-800-667-4767 | info@samscreen.com