

WOVEN WIRE SCREENS — NEW & REMESHED

Your separation is only as good as your screen.

Woven wire cloth has been the working surface of particle separation for over a century — the Tyler sieve scale of the early 1900s still echoes in today's ASTM E11 mesh designations. The material is proven. The performance is in the details: cloth selection, tension, bonding, and fit.

That's where GQI earns its keep. We build new woven-wire screens and re-mesh the frames you already own — for most brands and models of screening machines — matched to your mesh, your machine, and your compliance requirements, with responsive US-based support.



Woven-wire screen inserts staged for shipment

Tension is performance

Wire cloth only cuts cleanly when it's evenly tensioned. Uneven tension telegraphs into drifting cut points, fatigue, and torn cloth. Our screens are pre-tensioned in a temperature-controlled environment — metal alloys and synthetic cloth alike.

Blinding kills throughput

Near-size particles wedge into the openings and capacity collapses. We match the countermeasure to the material: bouncing balls, PU sliders, sandwich screens, brush decks, and ultrasonic systems that keep fine meshes open.

The open-area trade-off

Finer wire buys open area and capacity but gives up wear life; heavier wire does the reverse. Mesh count, wire diameter, and weave are an engineering decision — not a catalog default.

Where we make the difference

- 01 New screens for most OEM machines.** Woven-wire screens and panel assemblies for round and rectangular screeners — full-frame or half-moon, any deck position, standard or custom sizes.
- 02 Rescreens that stretch your budget.** Send us your frames — including specialty and ultrasonic-style rings — and we strip, re-mesh, and re-tension them to spec, returned production-ready. The economical alternative to buying new frames.
- 03 Cloth engineered to the cut.** Alloys from SS 304, 316/316L, and 430 to carbon and special steels. Weaves from plain square and twill to plain and twilled Dutch. Give us any two of mesh count, opening, and wire diameter and we confirm the exact cloth and its open area. Optional wear-resistant, diffusion-hardened wire mesh delivers up to ~3× the wear life.
- 04 Bonding & compliance done right.** FDA-approved and high-temperature epoxies, encapsulated edges, or spot-welded rings where epoxy isn't advisable. 3.1 material certificates, ID tags and laser etching, and hazardous-area builds — documented and traceable.

Down right now? Email a photo of the machine nameplate and your screen dimensions to screens@gqind.com — we'll identify the screen, confirm the mesh, and quote it. Expedited fulfillment is available when the line is waiting.

GRAND QUEST INDUSTRIES

Innovative Solutions. Reliable Support. Always a Step Ahead.

screens@gqind.com | +1 (773) 234-8003 | www.gqind.com

FABRICATION, INVENTORY & SUPPORT

Stocked deep. Built right. Shipped fast.

GQI screens are built on deep roll-good and cut-piece inventories spanning meshes, alloys, and wire diameters — with domestic supply options and ISO 9001:2015-certified fabrication available where your quality system requires it. That depth is what makes fast, accurate turnaround possible, including expedited fulfillment — in some cases as fast as 24 hours — when the line is down.

Pre-tensioned, ready to fit

Even, efficient tensioning of metal and synthetic cloth, fabricated in a temperature-controlled environment — so the screen performs from the first minute on the deck.

Every bonding method

FDA-approved and high-temperature epoxies, encapsulation on epoxied screens, or spot-welded rings for applications where epoxy isn't advisable.

Ultrasonic screens & retrofits

A secondary ultrasonic vibration keeps fine meshes from blinding — finer cuts at consistent throughput, no mechanical cleaning, longer cloth life. We retrofit screens of any size and design.

Deblinding hardware

Bouncing balls, slider rings, sandwich-screen builds, and brush decks — plus new stainless rings from stock in a variety of diameters.

Parts & accessories

Ultrasonic transducers and components, flexible connectors, sleeves, boots, gaskets, and BFM-style fittings — the wear parts around the screen, from one source.

Documented when it matters

ISO 9001:2015-certified fabrication, material certificates, and traceability available on builds that require them.

The rescreen loop

1 Ship us your frames

Any brand — including specialty and ultrasonic-style rings.

2 We strip & re-mesh

New cloth to your spec, tensioned and bonded like new.

3 Back in production

Returned ready to fit — at a fraction of new-frame cost.

Most makes. Most models.

Round or rectangular, current or legacy, common or specialty — we build and re-mesh screens for most makes and models of screening machines, including full frames, half-moon frames, and specialty rings. Not sure what you have? We'll identify it from the nameplate.

Ordering is easy — have these on hand. Machine make and model, screen diameter, deck position, and your mesh count or opening size (any two of mesh, opening, and wire diameter pins the cloth exactly). A photo of the machine nameplate and the old screen's tag covers the rest — and a GQI specialist confirms every spec before we build.



Email us
screens@gqind.com

Let's talk screens.

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