



Screening Strategies
By Triple/S Dynamics

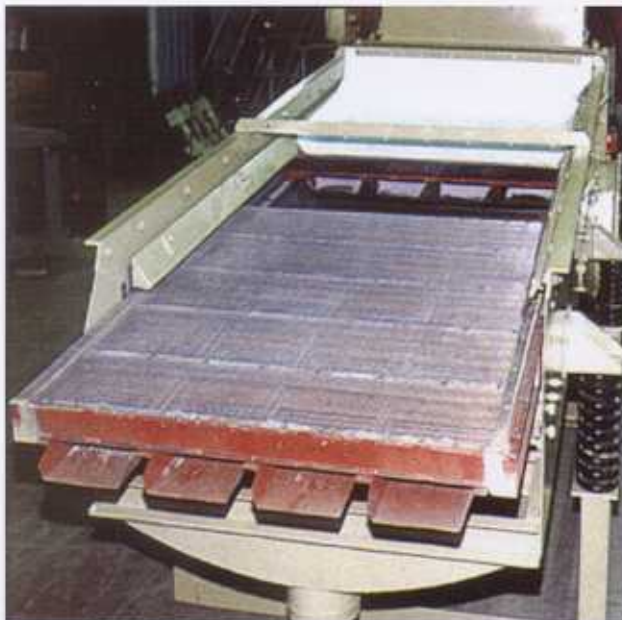
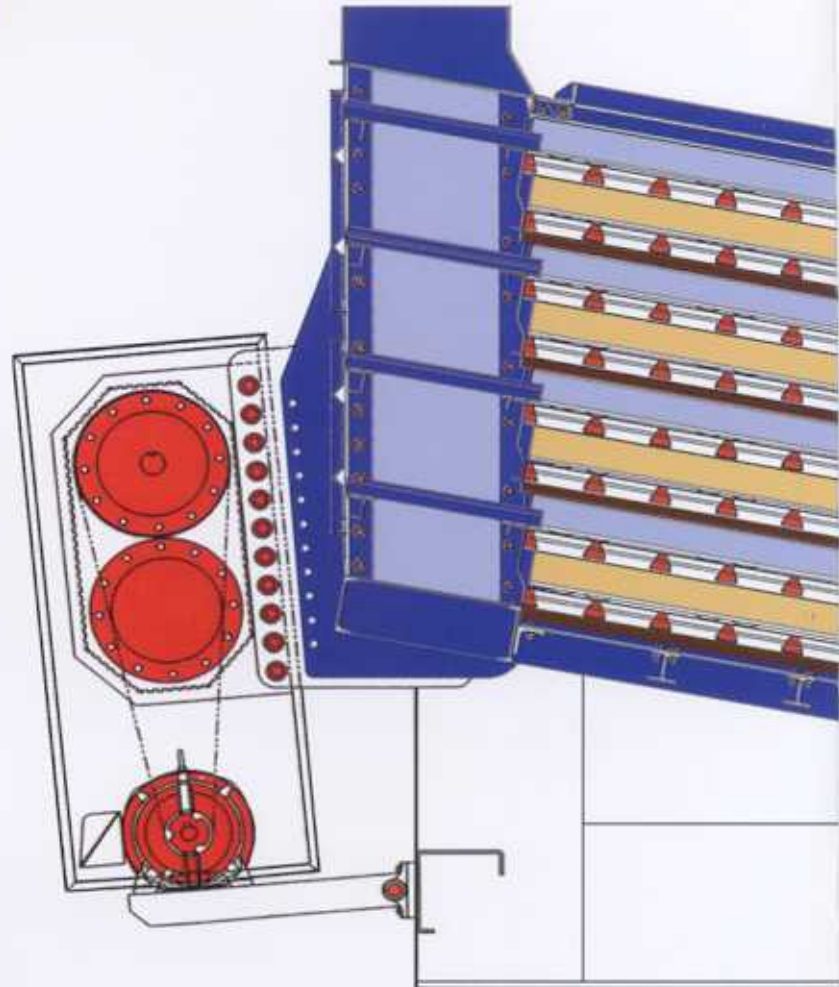
Texas Shaker[®] Grain Cleaners





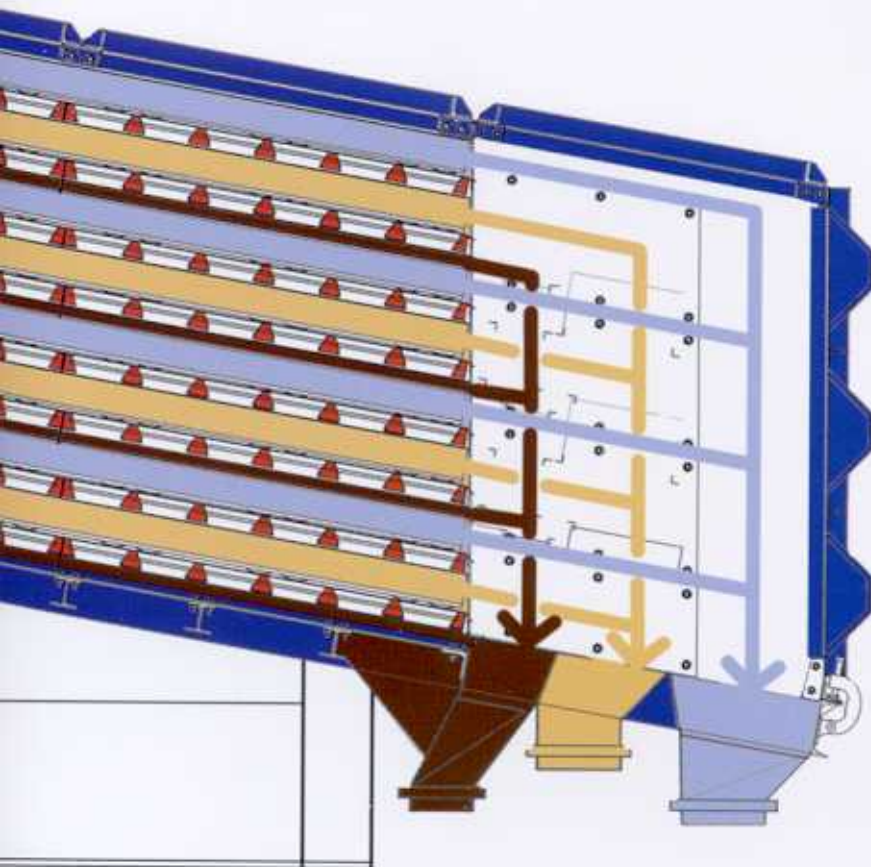
Form follows function in every Texas Shaker design. From the bolted-on straight-line inertia drive module to the simple but effective internal feed distribution system, its dust-tight construction is the embodiment of this respected design principle.

The drawing on the right shows how the grain fed to an 8-deck series/parallel cleaner is divided, and after screening, recombined into three fractions – scalpings, product, and fines – in an 8'x10' 10-deck series/parallel “QC” model.



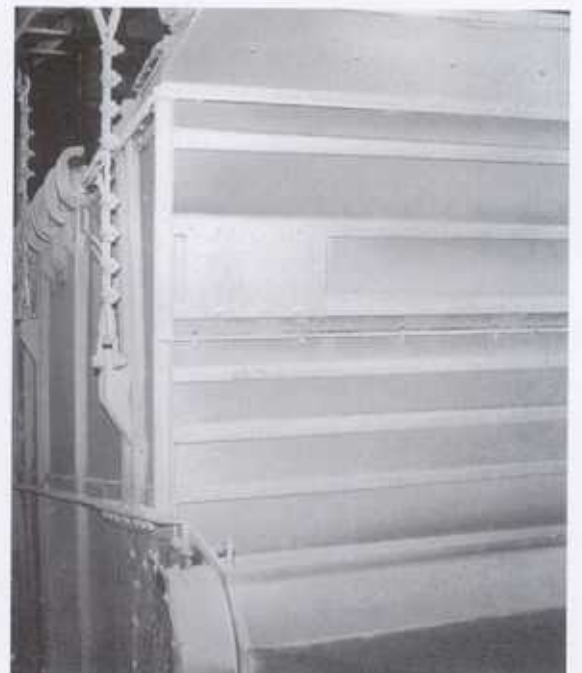
This small “QC” model shows how the self-cleaning all-metal screen deck, with integral fines collecting pan (parallel or series/parallel configuration), is withdrawn from the discharge end.

Discharge hoppers remain in place when the hinged collector assembly is swung out for access to the slide-out screen decks ("ball racks"). In the 5'x10' series/parallel "QC" model shown here, the one-piece collector is hinged at one side and each deck level comprises two 5'x5' racks.



With the hinged discharge collector (shaded area) swung away, any one screen deck can be removed without disturbing the others.

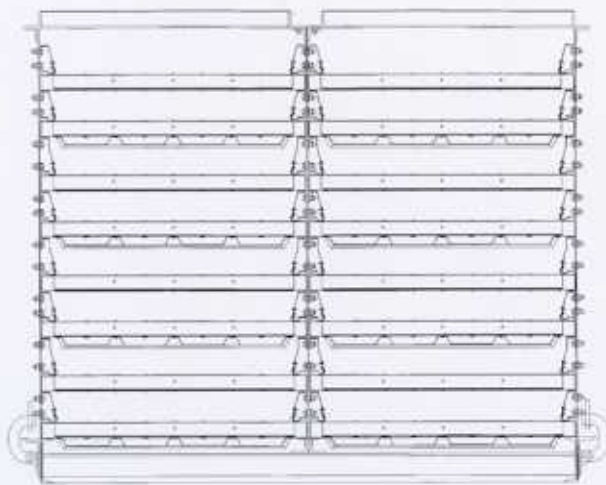
All **Texas Shaker** screeners can be suspended on steel cables from overhead supports wherever the use of base-mounting is not feasible or where the ultimate in vibration isolation is required.





With a splendid view of the Illinois River, this 8'x10' series/parallel **Texas Shaker** tops a grain bin and has an overhead monorail to facilitate handling of the standard 8'x5' screen decks.

The 8'x10' 10-deck Series/Parallel "QC" model, equipped with five pairs of scalping/cleaning decks, divides each level into four 4'x5' screen deck panels for ease in handling. Note that the discharge hoppers remain in place when the double-doors are opened.



A cross section of an 8-foot wide **QC Texas Shaker** with four pairs of scalping and screening decks shows the center bulkhead that divides the screen box into two 4-foot wide sections.

For parallel scalping or cleaning only, this model would be fitted only with screen decks having integral carrying pans. In this illustration, it would become an 8-deck parallel cleaner or scalper.

The "QC" designator stands for "Quick Change". The concept represents our dedication to "user-friendliness" in design, without compromising our long-standing goals of longer useful life, lower maintenance and unparalleled performance.

Screening StrategiesSM is a division of Triple/S Dynamics, Inc.
1031 S. Haskell, Dallas, TX 75223 Fax: 214-828-8653
Phone: 800-527-2116 Email: sales@screen-tek.com
Visit our website at www.ssdynamics.com

