

THE NEWEST



GENERAL KINEMATICS

STM-SERIES® SCREENS

The “Innovative Solution” that has changed how mining companies do business.

IMPROVE YOUR SCREENING CAPACITY & EFFICIENCY/M² High-Efficiency. Increased Reliability.



Screen Smarter

General Kinematics STM-SCREEN™ Two-Mass Vibratory Screens utilize GK’s proven Two-Mass, natural frequency drive design. This design is load responsive and capable of longer material retention times to work the material more. This means you can get more screening accomplished in the same footprint as your old brute force screens. Dual in-board vibratory motors eliminate expensive belts, shafts, and bearings. Our patented modular design uses a center spline to significantly increase structural integrity and allows for easy assembly and disassembly for quick transport and installation.

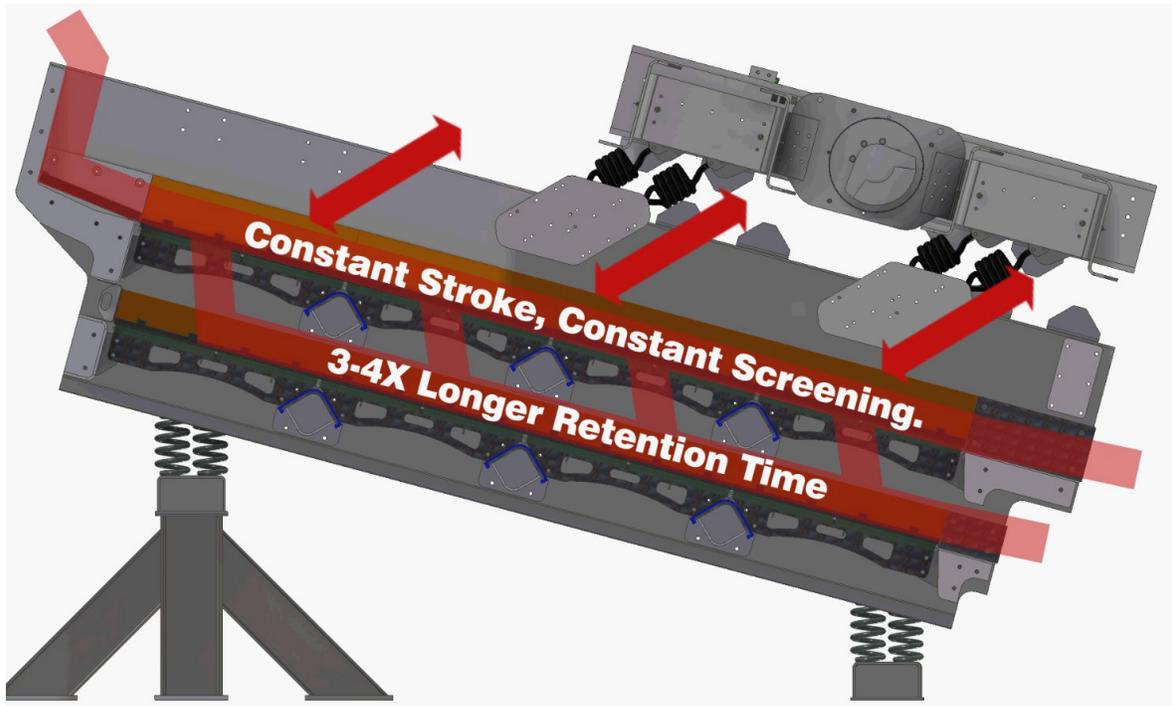
Why GK’S STM-SERIES®

- **RELIABILITY** – Experience the most reliable screen in the industry with an average service life 5X that of a brute force model.
- **EFFICIENCY** – Improve your throughput by at least 30%.
- **CAPACITY** – Increase your screening capacity by up to 40%. 4x retention rate for improved screening.

All these features combine to provide increased uptime, longer service intervals, significantly increased throughput, and the lowest cost of ownership available in a vibrating screen package.

Increased Efficiency and Longevity

Designed to keep material on the screen, field tests show we achieve a 3 – 4 times longer material retention than banana screens.

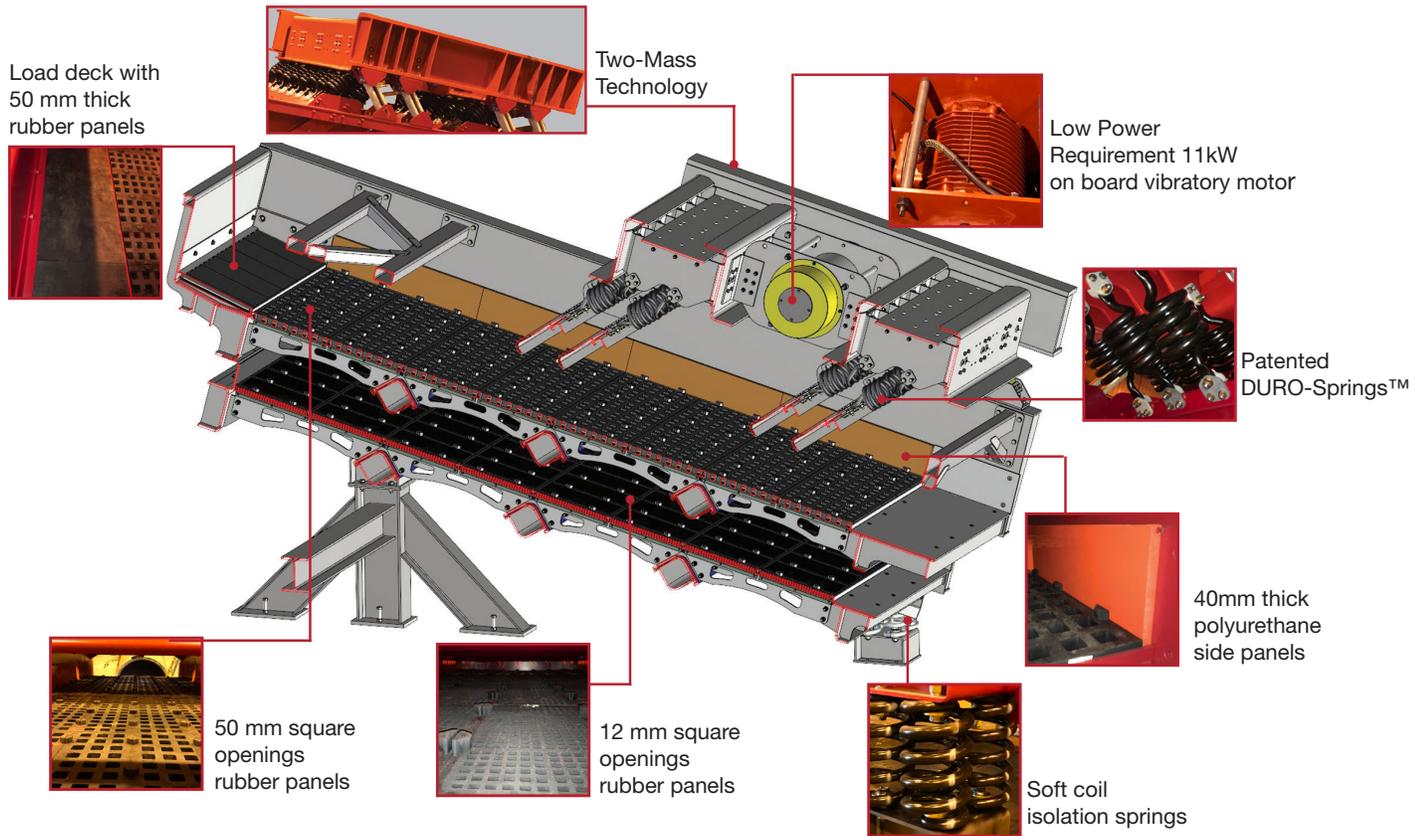


| | GK STM-SCREEN™ | Brute Force Screen |
|--|----------------|--------------------|
| Designed to run continuously 24/7 | X | X |
| Designed to stay in operation greater than 6 months | X | X |
| Designed to stay in operation greater than 3 years | X | |
| Screen decks can be customized | X | X |
| Material is spread across 100% of the screen deck | X | |
| Material retention time is between 8 and 12 seconds | X | X |
| Material retention time is between 25 and 30 seconds | X | |
| Maintains stroke, even under loaded conditions | X | |
| Constant stroke, constant screening | X | |
| Highest quality screened product in the industry | X | |

Two mass technology enabling vibratory screen sizes as large as 5.4m wide by 8.5m long.

**UNRIVALED
TWO-MASS
SCREENING
TECHNOLOGY**

- 20 to 40%+ higher capacity
- 3-4 times longer retention of material
- 100% screen utilization



| | MODEL | # OF DECKS | WIDTH | LENGTH |
|---|-----------|------------|-------|--------|
|  | STM-S1537 | 1 | 1.5M | 3.7M |
| | STM-S1849 | 1 | 1.8M | 4.9M |
| | STM-S2149 | 1 | 2.1M | 4.9M |
|  | STM-S2461 | 1 | 2.4M | 6.1M |
| | STM-S3049 | 1 | 3.0 M | 4.9 M |
| | STM-S3061 | 1 | 3.0 M | 6.1 M |
|  | STM-S3073 | 1 | 3.0M | 7.3M |
| | STM-S3661 | 1 | 3.6M | 6.1M |
| | STM-H3685 | 1.5 | 3.6M | 6.1M |
|  | STM-S3685 | 1 | 3.6M | 8.5M |
| | STM-S5473 | 1 | 5.4M | 7.3M |
| | STM-S5485 | 1 | 5.4M | 8.5M |
|  | STM-D1537 | 2 | 1.5M | 3.7M |
| | STM-D1849 | 2 | 1.8M | 4.9M |
| | STM-D2149 | 2 | 2.1M | 4.9M |
|  | STM-D2461 | 2 | 2.4M | 6.1M |
| | STM-D3049 | 2 | 3.0 M | 4.9 M |
| | STM-D3061 | 2 | 3.0 M | 6.1 M |
|  | STM-D3073 | 2 | 3.0M | 7.3M |
| | STM-D3685 | 2 | 3.6M | 8.5M |



Industries

Across multiple industries, GK's STM-SCREEN™ provides increased uptime, longer service intervals, significantly increased throughput, and the lowest cost of ownership.



Gold



Iron Ore



Minerals



Copper



Coal



Diamonds