



*The **heart** of your
Sorting System.*

FINGER-SCREEN™ Primary Screen

The right technology

Proven in dozens of applications, GK's non-binding FINGER-SCREEN™ Primary Screen is renowned for superior classification of MSW and C&D materials that can be trapped or hang-up on conventional perforated or wire mesh screens.

Full-flow cascading decks, plus rugged tapered fingers make this design ideal for the sorting and classification in the most difficult applications, including:

- C&D recycling of metal, brick, wood, & more
- Single stream recyclables
- Commingled MSW containing glass, plastic, and paper
- Bottom ash stream with recyclable metal
- Woodlot waste
- Auto shredder residue
- Other mixed bulk material

Natural frequency design reduces energy requirements

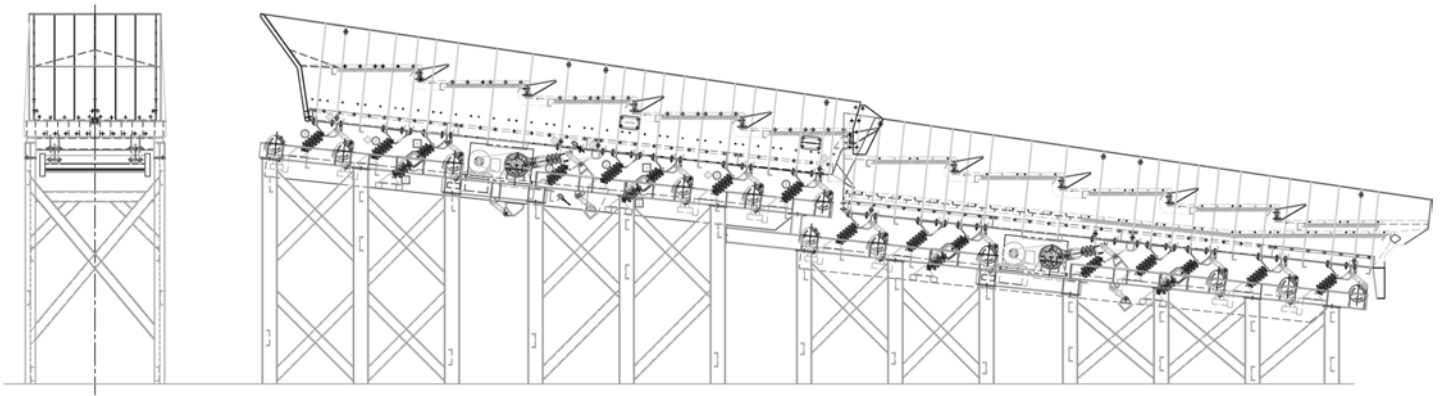
General Kinematics FINGER-SCREEN™ units are custom engineered and tuned to run near their natural frequency. This design allows the units to operate so that 90% of the force required to move your product is naturally created. The remaining 10% is provided using General Kinematics low horsepower, high efficiency drive system.



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CAD example



Specs

Function:	Classification & Separation
Components:	Electric Motors, Isolation Springs, Reactor Springs, Steel Construction, Screens, Liners
Construction Material:	Abrasion Resistant Steel, Mild Steel, Rubber, Stainless Steel
Power Requirements:	Up to 60 hp
Width:	2 to 10 ft
Length:	Designed per application
Weight:	Up to 90,000 lb
Capacity:	Up to 750 yd/h
Screen Opening:	Sizes range from 1/4" up to 16" per application
Analysis:	Fatigue, FEA, Stress
Finish:	Bead Blasted, Epoxy, Galvanized, Painted
Production Volume:	Built to Order
Benefits:	Efficient, Low Maintenance, Reliable, Rugged, Safe Operation, Large Processing Rates
Secondary Services:	Customer Support, Field Service, Additional Features
Quality:	ISO Certified

Application Photos



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