

# Incline Screen

## SI Screen



# SI Series

## Flexible, Innovative, Built to last.

The SI (Standard Inclined) Series screens are intelligently designed using advanced manufacturing processes and backed by years of screening expertise. Built for outstanding performance for a wide variety of applications from Scalping and Sizing, to Finishing, for both wet and dry applications. Constructed with an ease of maintenance in mind, these units offer additional clearance between decks, maintenance friendly spring base plates, and hand access holes for easy access to the screen interior.

Built with a robust drive mechanism and Huck bolt construction, these rigid screens have outstanding reliability at an affordable value for a wide variety of applications. Oversized bearings ensure maximum performance and longevity, with minimal downtime. Adjustable speed and stroke to accommodate all types of processing applications, including aggregate processing, mining, recycling and industrial products. Available in 2 or 3 deck configurations, with additional options available to suit your specific needs.



**Standard Features**

- 2 or 3 deck configurations
- AR Lined Feedbox
- AR liner Discharge Lips
- Non-welded side plates
- Huck bolt construction
- Adjustable speed
- Adjustable stroke
- 20 degree inclination
- Grease lubricated bearings
- V-Belts, Pulleys and motor bushing
- Motor Base & Drive Guards
- Spherical washers, bolts and clamp rails included for side tension media.
- Drive guards included
- Coil springs
- Removable spring base plates
- Rubber shaft housing cover

**Optional Features:**

- Electric Motor
- Oil lubricated bearings
- Modular Media deck conversion kit
- Rubber liners
- Auto-Lube System
- Spray System
- Dust Suppression

# Screen Specifications

**Overview**

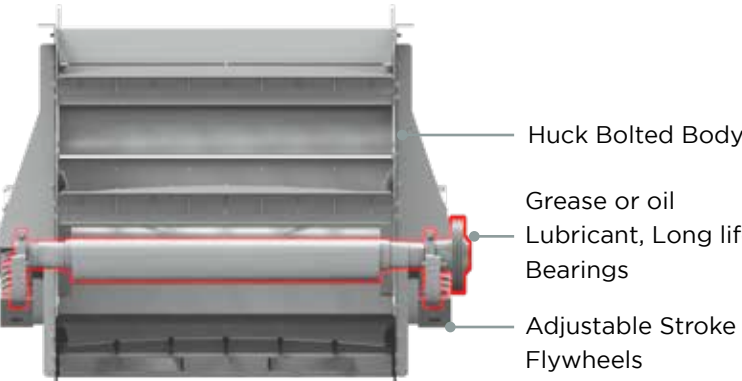
The Simplicity SI Series screen range is designed to operate in both wet and dry applications for years of performance. With speed and stroke adjustments to optimize production, these units can handle severe duty applications to processing fine screening materials.

Utilizing a spherical roller bearing design with grease lubrication as standard, these units allow for easy maintenance and exceptional bearing life. Easily adjust stroke and amplitude by adding or removing counter-weights bolted to external flywheels. The circular motion generated by this style drive reduces plugging and provides a uniform load on the bearings.

The screen body and deck construction is engineered to eliminate high stress areas and fatigue allowing for a longer service life. Huck bolt construction ensures that the screen remains rigid throughout its life cycle.



Fly-Wheel



**Technical Specification**

SI Series	6202	6203
Deck Numbers	2	3
Screen Box Size	6m x 1.8m (20' x 6')	6m x 1.8m (20' x 6')
Bearing	2	2
Width (Less Motor Drive)	2.63m	2.63m
Length	7.14m	7.35m
Height	1.4m	1.98m
Weight (No Media)	5,650kgs (12,430 lbs)	7,500kgs (16,500 lbs)
Bearing Size	150mm Vibrating Screen Bearing	150mm Vibrating Screen Bearing
Maximum Feed Size	200mm	200mm
Operating Angle	20DEG	20DEG
Screen RPM	850-900	850-900
Electric Motor	18.5 kW (25hp)	22 kW (30hp)



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