



TEREX® | SIMPLICITY



Terex® Simplicity Triple Mechanism Inclined Screen

The Simplicity Triple mechanism, two-bearing inclined screen is designed to handle high capacity scalping jobs or still give good flexibility for fine screening. The Triple 140mm mechanism is an alternative to the 160mm Dual mechanism which is limited in speed capabilities due to the large bore bearing. This alternative extends bearing life on heavy-duty applications or increases speed on fine screen applications. The design isn't just tough...it's the toughest.

The screens are available in two, three and four deck models in our larger sizes from 8' x 20' to 8' x 24'. For your next heavy-duty job, specify Simplicity Triple mechanism inclined screens.

Standard Features

Base Unit:

Triple shaft, two bearing eccentric assembly.
Huck-bolted screen box construction (no welds).
Clamp bars adjust for all wire media thickness.
Carriage bolt tensioning system.
Double crown decks.
Controlled splash-type oil lubrication system.
Coil suspension springs.
Right hand drive standard; Left hand drive available

Extra deck clearance between top and second deck.
Side plate thickness based on application.
Rubber covered shaft housing (Optional AR).
6" discharge lips with liners.
Abrasion resistant steel lip liners.
Bolt-on feed box with replaceable bottom liner.
Rubber friction checks.
4' long screen panels as standard.

Optional Equipment

Wedge tensioning for wire cloth.
Spray system includes a steel tube manifold and fabricated structure to support the individual spray bars to the screen base frame. Each spray bar comes complete with evenly spaced holes; spray nozzles, control valve, urethane side plate seals (non-vibrating only) and mounting clamps (vibrating only).
Special length discharge lips. Factory needs to be consulted for lips other than standard.
Flat decks for modular media.
Center split option on 8' screens.
Rubber cross member protectors.
Sub-frame with motor mounts.
Heavy duty grizzly decks for scalping applications..