

## Horizontal Screen

The linear motion horizontal screen is the mainstay of the many screens used in coal prep plants and lends itself toward sizing when the cut point is below 1½". It is also used in magnetite recovery and dewatering.



## Reverse Incline

Reverse incline screens are often used for dewatering and recovery of fines from effluent. With its high acceleration and upward slopes, this screen is suitable for applications where a dry, conveyable product is needed.



## Incline Screens

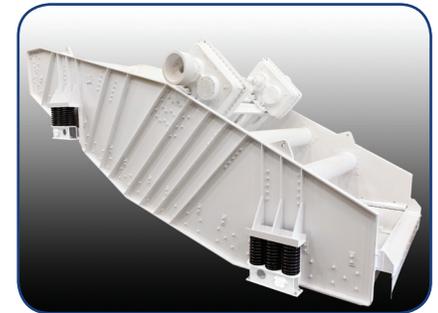
Linear motion inclined screens are used primarily in the aggregate industry where production volume has increased but space limitations do not allow for larger screens.



Circular motion inclined screens typically lend themselves to scalping operations. The circular motion causes the material to roll down the deck. This helps reduce "plugging" of the near size material in the openings. Elliptical motion inclined screens operate in much the same way as the circular motion version. Depending on drive placement, this screen can speed up the travel rate on the feed end and slow it down on the discharge end.

## Multi-Slope Screens

This screen is used in almost every coal industry application, particularly in raw coal/deslime and drain/rinse operations. It increases processed tonnage 30% to 40% over the same footprint of a conventional type screen.



The operating principle of the "banana" screen is based on maintaining a thin bed of material from the feed to discharge end. This allows immediate stratification of fines to the bottom of the bed and increases the probability of separation. The Tabor Model TMS Multi-Slope screen has standard 4' modular deck sections and replaceable deck wear liners.

## Feeder

Tabor Machine Feeders are custom designed to offer either a coarse separation or solid plates for conveyance. They are available in various sizes ranging from 4' x 8' wide and up to 30' long. We offer numerous types of liner and grizzly bar material options to suit the toughest applications.

Screen Type	Sizes	Deck Configuration	Surfaces
Horizontal	3'W x 8'L to 12'W x 24'L	Single & Double	Woven Wire
	4'W x 12'L to 8'W x 24' L	Triple	Profile
Incline	4'W x 12'L to 10'W x 24'L	Single & Double	Polyurethane
	4'W x 12'L to 8'W x 24'L	Triple	Rubber
Reverse Incline	3'W x 8'L to 8'W x 12'L	Single	Perforated Plate
Multi-Slope	6'W x 20'L to 14'W x 24'L	Single & Double	Custom Design