

Low Maintenance | High-Capacity | Efficient

Since 1961, Elgin's Tabor vibrating screens have set the standard for material sizing, dewatering, and drain & rinse applications, ensuring efficiency and reliability in mining and aggregate operations.

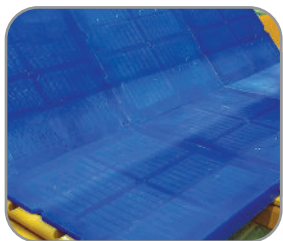
The **Tabor™ Multi-Slope (TMS) Vibrating Screen**, also known as the “banana” screen, is engineered for high-capacity screening, sizing, drain-and-rinse, and desliming applications. Its unique design increases processed tonnage by 30% to 40% over the same footprint as a conventional screen. The operating principle maintains a thin bed of material from the feed to discharge end, allowing immediate stratification of fines to the bottom and increasing the probability of separation.



- **High Capacity:** The TMS screen significantly boosts material throughput, enhancing overall efficiency.
- **Durable Construction:** Built with heavy-duty components, including huck bolting and reinforced side plates, ensuring long-lasting performance.
- **Customizable Options:** Available in single, double, and triple deck configurations with various screen media choices to suit specific applications.

Partner with Elgin Today

Investing in the Tabor™ Multi-Slope Vibrating Screen means choosing a solution that delivers reliability and efficiency. Contact us today to learn how our equipment can enhance your operations and maximize production..



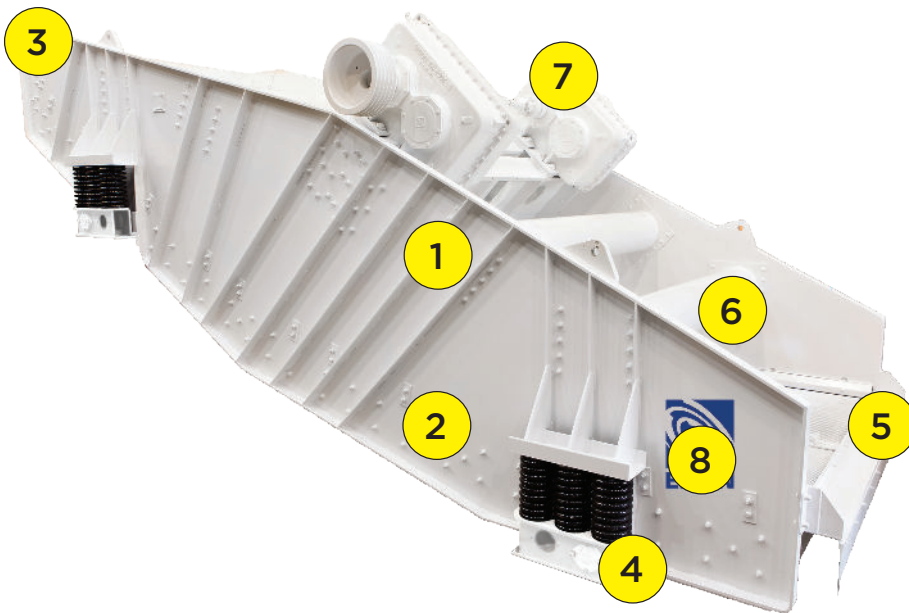
Choose from a variety of screen media: Polyurethane, Woven Wire, Profile Wire, and Punch Plate

Tabor™ Multi-Slope Vibrating Screen Benefits/Features

- **Heavy-Duty Deck Frames:** Robust deck frames designed to withstand heavy loads, ensuring reliable performance
- **Huck-Bolted Assembly:** Utilizing huck bolts for assembly, the screen ensures a secure and durable structure, enhancing longevity.
- **Customizable Options:** Feed boxes, pivoting motor bases, dust enclosures, and spray pipes, etc., allow for custom solutions
- **Adjustable Vibration Features:** Enabling optimization for different material types and processing requirements
- **Modular Screen Panels:** Modular screen panels allow for many custom configurations of screen media solutions

Specifications

Standard Sizes (Custom Sizes Available)	Width: 6' - 14' Length: 20' - 24' (Single, Double Decks)
Construction	3/8" A36 steel sideplates reinforced with vertical and horizontal reinforcing bars, huck bolts, heavy-duty deck support frame with mechanical tube cross members and side channels, replaceable polyurethane deck and side plate liners, choice of solid decking or independent cross members
Screen Media	Polyurethane, woven wire, punch plate, and profile screens
Motors/Drives	Linear, high G-force, with option of V-belt or jack shaft side drive system
Applications	Wet or dry sizing and scalping of coal, crushed stone, sand and gravel, desliming, drain and rinse, and media recovery



1. Heavy-duty steel side plates with vertical and longitudinal reinforcing bars
2. Huck bolts
3. Feed box
4. Steel coils
5. Discharge lips
6. Deck support frame with mechanical tube cross members and side channels
7. Linear-motion Tabor Thane Drive
8. Custom paint colors

Elgin has a full range of vibrating screens and feeders capable of maximizing your operations.



Tabor™ Reverse Incline



Tabor™ Horizontal



Tabor™ Incline



Tabor™ Grizzly Feeder