TE-1848
VIBRATING SCREEN

TECHNICAL SPECIFICATIONS





FEATURES	DATA
Dimensions	1800 mm x 4800 mm
Number of Screen Decks	2
Motor power	18,5 kW
Speed	1000 d/d
Weight:	15750 kg

Note: All weights and dimensions apply to standard units only

PRODUCTION CAPACITY:

130-190 TPH

1 FEED OPENING

- It is the section where the material from the crusher first enters the screen.
- Its surfaces are covered with bolted, wear-resistant, replaceable lining plates.
- It ensures uniform distribution of the material across the screen surface.
- It is the point exposed to the highest impact loads.

2 SCREEN BODY

- It is the main body that generates the vibrating motion.
- It features a reinforced construction designed to withstand fatigue cracks.
- It classifies material according to particle size.
- Each deck can be equipped with steel, anti-clogging, or polyurethane screen media with different aperture sizes.
- Its high open area provides maximum screening efficiency.
- It is designed for quick and easy screen media replacement.
- Dimensions: 1800x4800 mm
- Screening Area: 8.64m² per deck
- Motor Power: 18,5 kW, 1000 rpm
- Available with 2 decks.

3 DRIVE SYSTEM

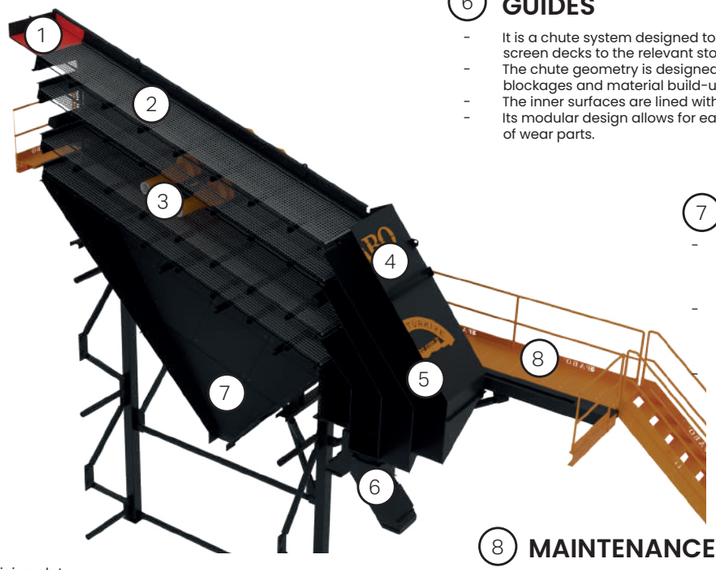
- Generates vibration through a twin-shaft eccentric shaft and counterweight system.
- Provides a long service life with high-quality bearings.
- Offers flexibility for processing different materials through adjustable stroke (amplitude).
- Features an oil-bath bearing lubrication system.

4 FRONT CHUTE

- Collects the material classified at the corresponding screen deck and directs it in a controlled manner from the discharge point.
- Regulates material flow, preventing spillage and material build-up.
- The inner surfaces are lined with bolted, wear-resistant, replaceable lining plates.
- The wheeled rail system enables quick and easy maintenance and lining plate replacement.

5 PANT-LEG CHUTE

- Ensures the safe and orderly transfer of material passing through the lower screen deck to the designated discharge chute.
- Its inner surfaces are protected with bolted wear plates, providing high wear resistance and a long service life.



6 GUIDES

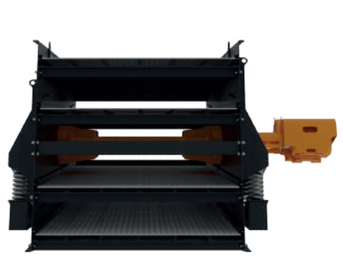
- It is a chute system designed to direct products separated at different screen decks to the relevant stockpiling or transfer conveyors.
- The chute geometry is designed to optimize material flow, minimizing blockages and material build-up.
- The inner surfaces are lined with bolted, wear-resistant, replaceable lining plates.
- Its modular design allows for easy maintenance, cleaning, and replacement of wear parts.

7 LOWER CHUTE

- Collects the fine material passing through the bottom deck of the screen and directs it in a controlled manner to the stockpiling conveyor or the next conveying equipment.
- It features an inclination and cross-sectional geometry designed to ensure smooth material flow while minimizing blockages and material build-up.
- The inner surfaces are lined with bolted, replaceable wear-resistant lining plates in areas exposed to high wear.

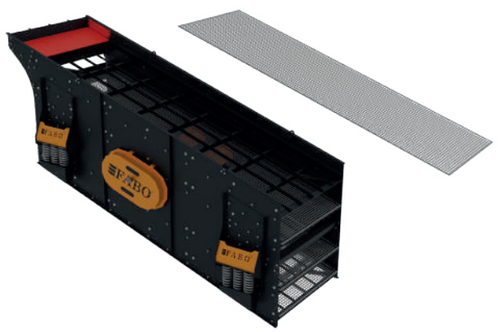
8 MAINTENANCE PLATFORM AND LADDER

- Provides safe access for the operator to the drive system and screen media.
- Facilitates periodic maintenance operations.
- Complies with TS EN ISO 14122 standards.





Provides high capacity, precise classification, and low maintenance costs through optimized vibration motion and a large screening area.



Long-lasting, high-efficiency screen media offering high wear resistance and precise screening performance.



With its four-deck screen design, it classifies different product sizes with high precision in a single operation. Its robust construction and high vibration performance provide maximum capacity and efficient production.



Its high-strength body construction ensures a long service life and resistance to vibration-induced fatigue under continuous operating conditions.

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