

Dimensions of BPE103 in Operation & Transport positions	Length	Width	Height
PERFORMANCE	19,000 mm	15,900 mm	5,900 mm
TRANSPORTATION	17,600 mm	3,500 mm	3,600 mm

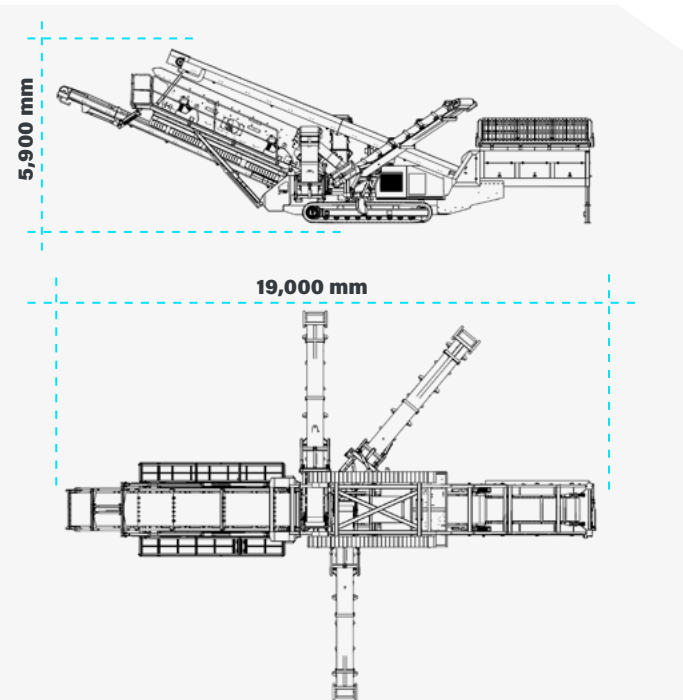
**** WEIGHT: approx. 33 t**

Boratas Mobile Vibrating Screen BPE103 is a highly flexible and versatile screening machine designed for precise material separation across a variety of industries. With its advanced vibration mechanism and customizable features, it delivers outstanding performance, reliability, and operational ease.

Key Features and Differentiators

1 High-Performance Vibration Mechanism
BPE103 is equipped with a powerful vibration mechanism that ensures efficient and accurate material screening. Its robust design and optimized motion enhance material separation, maximizing both productivity and product quality.

2 Adjustable Screening Configurations
The machine features customizable screen structures tailored to specific application requirements. Operators can easily adjust parameters such as amplitude, frequency, and screen angle, enabling precise control over the screening process.



3 User-Friendly Design

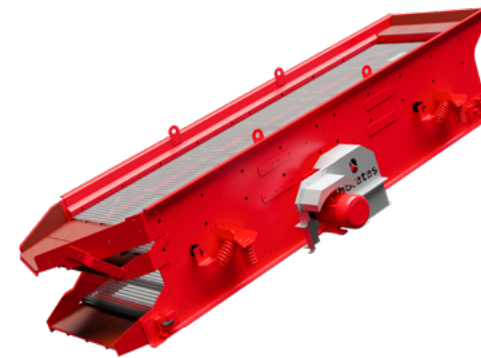
Designed with user convenience in mind, the BPE103 provides easy access for maintenance and cleaning. These design choices help minimize downtime and improve operational efficiency. The intuitive control system and user-friendly interface ensure a seamless screening experience.

4 Mobility and Flexibility

As a mobile unit, the BPE103 offers excellent mobility and flexibility across different job sites. It is easy to transport and install, allowing operators to bring effective screening capabilities directly to the material source, saving time and simplifying logistics.

5 Hybrid (Diesel-Electric) Power

The BPE103 features a hybrid power system that combines the advantages of both diesel and electric power sources. This innovative solution provides significant benefits in fuel efficiency and environmental sustainability.



6 Vibrating Screen Technology

The screen is equipped with a labyrinth seal bearing housing for enhanced protection. Adjustable eccentric weights allow fine-tuning of vibration control. To prevent excessive oscillation during startup and shutdown, the unit is fitted with four vibration dampers. The screen body is crafted from a single steel plate and mounted on eight springs. The maintenance platform is constructed from expanded metal plates for durability and operator safety.

CLASSTRACK TRACKED MOBILE VIBRATING SCREEN BPE 103



UNICERT
ISO 9001



E POWER
Green Energy



AGGREGATES



MINING



RECYCLING



Foldable Parts for
easy transportation
and compactness



Quick set-up time
Ease of use
Easy maintenance



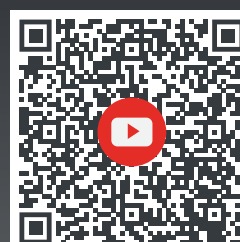
Diesel-electric Drive
Full hybrid
Environment-friendly



Track-mounted
High mobility
On-site flexibility



**HARD
RECYCLE**



Scan to Watch Boratas
Mobile Vibrating Screen Videos.

CLASSTRACK

TRACKED MOBILE VIBRATING SCREEN

BPE 103

Boratas® Classtrack Series Mobile Vibrating Screen BPE103 offers the most efficient solution for product screening with low operating costs, without compromising on mobility or compact dimensions. It is widely preferred in aggregate production, quarrying, mining, and recycling projects.

Classtrack BPE103 mobile screens feature a triple-deck vibrating screening system and are typically fed by a crusher or excavator in multi-stage processing setups.

Classtrack BPE103 mobile screens are available in standard and customizable versions, with different sizes and specifications tailored to specific application needs.

Technical Specifications

- Triple-deck vibrating screen
- Electric or diesel drive system
- Hydraulically folding conveyors
- Independently operable components
- Wireless remote control
- PLC control system
- Drum conveyor motors
- Grizzly feeder hopper
- Lighting arm

Optional Features

- Washing system
- Automatic lubrication system
- Dust suppression system
- Various screen media options

• Control Panel

The PLC-based system with an LCD touch screen provides real-time display of all operational details.

• Remote Control

Allows adjustments for movement control, feeder belt speed, and various operational parameters of multiple components.

• Hybrid Drive

Enables quick switching between diesel and electric drive with a single plug-in socket.



Hopper

- Capacity: approx. 4 m³
- Hydraulic folding grill, 3 stages from 0 to 90°

Feeder Belt

- Width: 800 mm
- Dual drive
- Feeder speed control

Main Conveyor

- Width: 1000 mm

Upper Deck Conveyor

- Width: 600 mm
- Foldable



Wireless Control

- Easy and safe control over all individual parts as well as crawling tracks



Hybrid Power

- Fully hybrid
- Can perform with diesel or simply plugged into electricity

Low Deck Conveyor

- Width: 600 mm
- Foldable

Power Unit

- Installed power: 110 kVA

Mid Deck Conveyor

- Width: 600 mm
- Foldable

Crawling Track

- Width: 400 mm
- Dual speed mode
- Heavy Duty

Screen

- 3 decks
- Size: 1500 x 5000 mm
- 2 bearings, high amplitude adjustment
- Grease lubrication

Under Screen Conveyor

- Width: 1200 mm
- Foldable

