Dimensions of BPS100 in Operation & Transport positions	Length	Width	Height
PERFORMANCE	15,100 mm	13,300 mm	4,100 mm
TRANSPORTATION	14,900 mm	3,000 mm	3,250 mm

**** WEIGHT: approx. 24 t**

Boratas® Mobile Scalping Screen BPS100 is a robust and versatile solution for material classification and screening. Designed to handle a wide range of materials, including aggregates, ores, and industrial minerals. it delivers remarkable precision and productivity.

Key Features and Differentiators

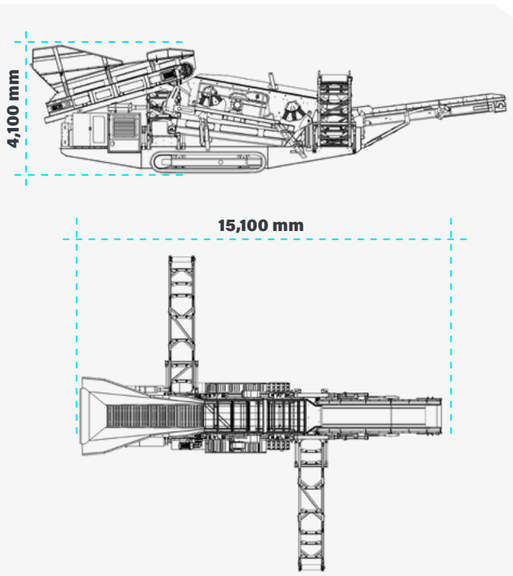
1 Advanced Screening Mechanism
BPS100 is equipped with an advanced screening system that efficiently separates oversized materials before processing. This improves equipment performance and enhances overall operational efficiency.

2 High Screening Capacity
Thanks to its large screening area and optimized deck design, the BPS100 offers high throughput capacity. This feature allows for significant material flow while minimizing downtime.

3 Customizable Screening Configurations
The BPS100 can be equipped with flexible screening configurations to meet various application needs. It supports different mesh sizes and deck options, enhancing material classification precision and reducing the need for additional screening stages.

4 User-Friendly Design
Boratas prioritizes ease of use with the BPS100, offering accessible maintenance and service points. This minimizes downtime and maximizes uptime, contributing to more efficient operation.

5 Hybrid (Diesel-Electric) Operation
The BPS100 features a hybrid power system combining the benefits of diesel and electric operation. This innovative setup offers improved fuel efficiency and supports environmental sustainability.



6 Flexible Screening Options
Screening can be performed using a grid, finger bars, or hexagonal perforated panels. Optional steel mesh screens can also be added, enhancing adaptability across diverse screening tasks.

- Available Options
  - Grizzly
  - Finger bar
  - Hexagonal

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Scan to Watch Borataş Mobile Scalping Screen Videos.

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boratas®
CRUSHING & SCREENING MACHINES

SCALTRACK
TRACKED MOBILE SCALPING SCREEN
BPS 100

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

SCALTRACK
TRACKED MOBILE SCALPING SCREEN

BPS 100

Boratas® Scaltrack Series Mobile Scalping Screen BPS100 combines accurate product classification with high efficiency. Without compromising on mobility or compact dimensions, it offers the most efficient solution for screening, featuring low operating and maintenance costs and fuel-efficient performance.

Typically positioned between primary and secondary crushers, the BPS100 is an ideal solution for primary scalping and natural sand applications.

The Scaltrack Series Mobile Scalping Screen BPS100 can be equipped with various additional features to meet changing customer requirements.

Technical Specifications

- 2-Deck Screening
- Electric or Diesel Power
- Hydraulically Folding Conveyors
- Wireless Remote Control
- Feeder Belt
- PLC Control System
- Drum Conveyor Motors
- Replaceable Screen Mesh
- Lighting Mast

Optional Features

- Apron Feeder
- Grizzly Screen
- Grizzly Flex Wire
- Hardox Liner Plates
- Automatic Lubrication System
- Dust Reduction System

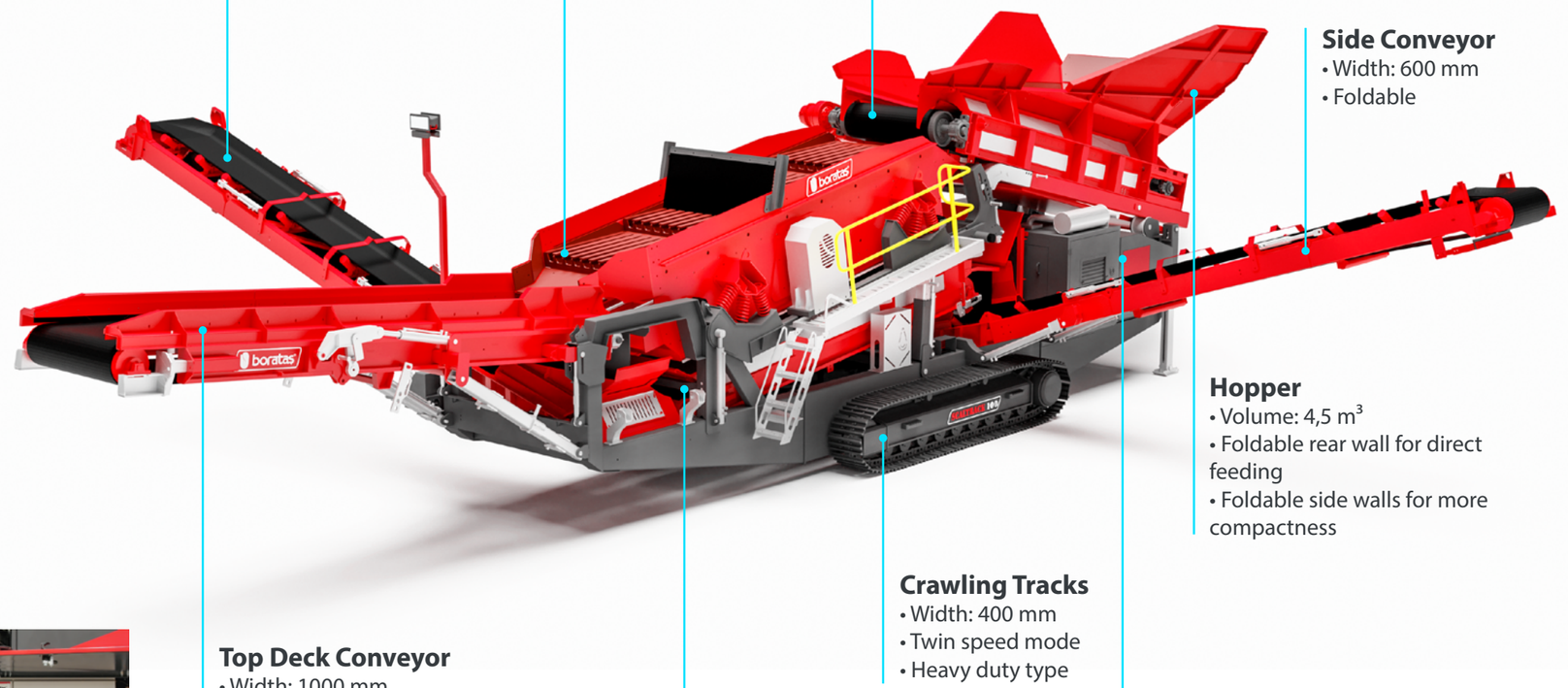
Side Conveyor
- Width: 600 mm
- Foldable

Screen
- Dimensions: 1300 x 3600 mm
- 2 bearings, high amplitude adjustment
- Adjustable screen angle

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

Feeding Conveyor
- Width: 1000 mm
- Controlled feed rate



Side Conveyor
- Width: 600 mm
- Foldable

Hopper
- Volume: 4,5 m^3
- Foldable rear wall for direct feeding
- Foldable side walls for more compactness

Crawling Tracks
- Width: 400 mm
- Twin speed mode
- Heavy duty type

Top Deck Conveyor
- Width: 1000 mm
- Adjustable angle
- Heavy duty Impact bars
- Adjustable speed

Belt Under Screen
- Width: 1000 mm

Power Unit
- Installed power: 110 kVA

• 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.

The right to make technical changes is reserved. Images may include optional features.

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