

MODEL	Capacity (t/h)	Screen Decks	Motor Power (kW)	Transport Dimensions (L x W x H) (mm)	Operating Dimensions (L x W x H) (mm)	Weight (kg)
BLV900E	200 - 300	3	474	21200 x 4650 x 4600	22670 x 15000 x 6100	54000
BLV900E4	200 - 300	4	478	21500 x 4650 x 4600	22670 x 15000 x 6100	56000

**Boratas® BLV900E Series Closed Rotor VSI Crusher**, The BLV900E Series is a high-performance, closed rotor VSI crushing system designed for the production of high-quality sand and aggregate. This mobile unit combines advanced screening capabilities and exceptional crushing efficiency, making it versatile for a wide range of applications.

#### Key Features and Differentiators

##### 1 High Efficiency and Capacity

The BLV900E delivers a production capacity of up to 300 tons per hour. Its robust rotor system and high-speed crushing technology ensure optimal output while achieving the desired product sizes.

##### 2 Closed Rotor Design

The closed rotor design minimizes material loss and ensures reliable crushing. This feature enhances energy efficiency and incorporates durable components capable of handling abrasive materials over extended periods.

##### 3 Integrated Screening System

Equipped with an integrated screening unit, the BLV900E ensures precise material classification. The adjustable screening mechanism allows operators to meet specific site requirements and achieve the desired product sizes.

##### 4 Mobility and Easy Transport

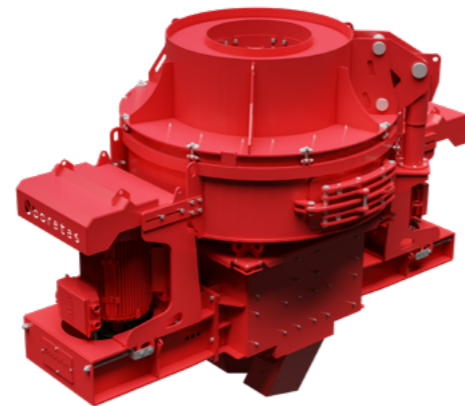
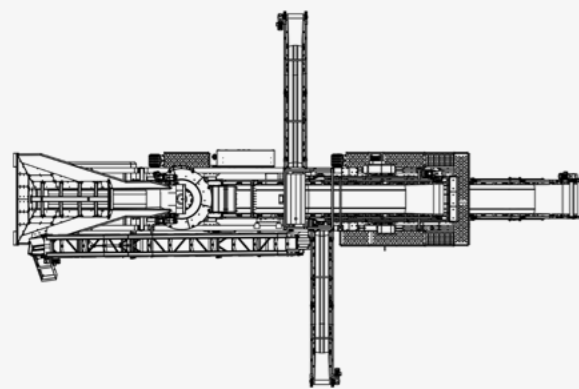
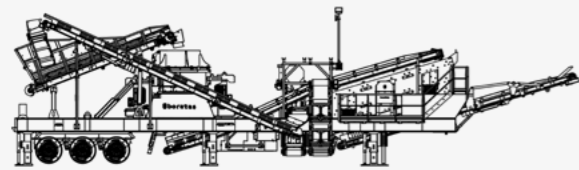
Mounted on a wheeled chassis, the BLV900E offers easy mobility and rapid setup on-site. Its adaptability makes it ideal for short-term projects or applications requiring frequent relocations.

##### 5 Low Operating Costs

The VSI closed rotor system reduces energy consumption, effectively lowering crushing expenses. Additionally, the use of long-lasting components helps minimize maintenance costs, ensuring consistent operation over time.

##### 6 Advanced VSI Crusher Component

At the core of the BLV900E is a Vertical Shaft Impact (VSI) closed rotor crusher designed for precision and high-speed crushing. By propelling materials against a fixed surface using centrifugal force, the system produces fine and uniform particle shapes, perfect for sand and aggregate production. The closed rotor minimizes material waste while optimizing efficiency, effectively handling abrasive materials. Its adjustable features enable operators to fine-tune the crusher's performance for various materials and specifications, ensuring reliability and versatility in demanding applications.



AGGREGATES



MINING



RECYCLING



Foldable Parts for easy transportation and compactness



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Ease of use  
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## BLV series

### PORTABLE VSI CRUSHER & SCREEN

# BLV SERİSİ

Borataş® Wheel-Mounted Vertical Shaft Crusher & Vibrating Screen BLV900-E Series is specially designed for the production of fine, cubical-shaped materials, commonly known as sand, in the 0-5 mm range. After primary and secondary crushing, materials up to 38 mm in size can be fed into the system.

For temporary quarries, transportation after project completion is a necessity. Mobile systems offer significant cost and time savings compared to stationary facilities. The ease of transport, reduced transport costs, and rapid commissioning with a single operator make these systems ideal for our customers. Additionally, customized versions can be tailored to specific needs.

#### Technical Specifications

- VSI series high-capacity, efficient vertical shaft crusher
- 3- or 4-deck vibrating screen
- Hydraulic foldable conveyor belts
- Wireless remote control
- PLC control system
- Electric-powered operation
- Gear-driven conveyor belts

#### Optional Features

- Magnetic metal separator
- Hardox-lined hopper
- Automatic lubrication system
- Dust reduction system

#### • Electrical Power

Easy plug-in

#### • Control Panel

PLC-based system with an LCD touch screen that displays all details of the operation in real time.

