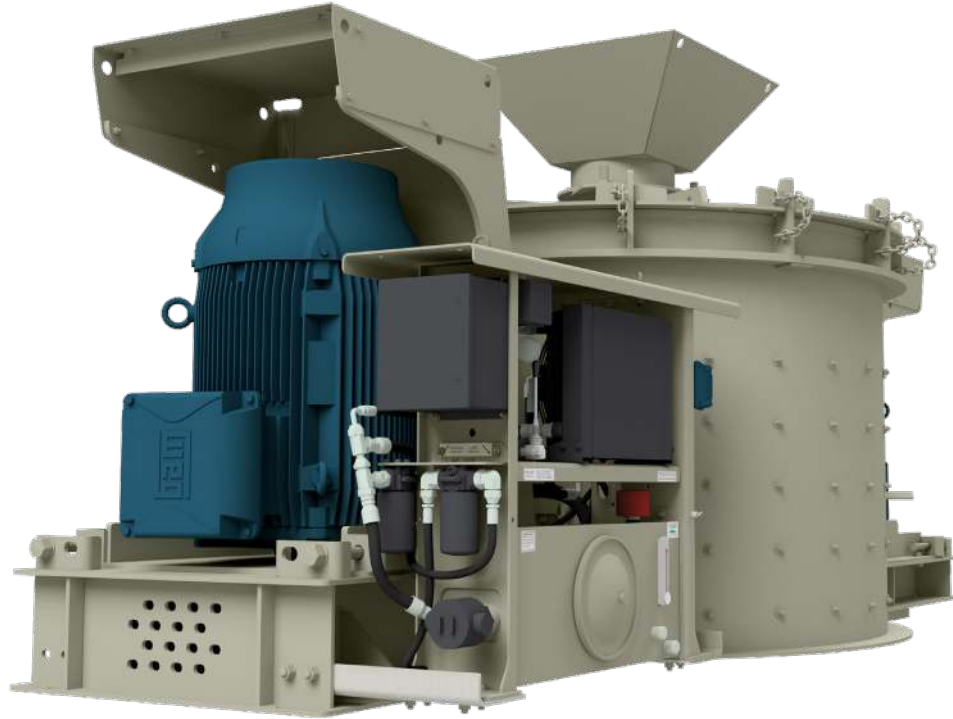


2500EVT

Vertical Shaft Impactor



Main Frame and Tub

- Fabricated steel plate
- Bolt-on liners
- Vibration Monitor

Feed Mechanism

- Fabricated feed hopper
- Externally adjustable feed tube
- Replaceable/reversible feed tube

Lid

- Fabricated steel plate with hinged access door
- Bolt-on liners
- Wedge lock lid retention system

Pedestal Assembly

- Fabricated stress relieved housing
- Heavy-duty tapered roller bearings
- SAE 4150 steel shaft
- Massive flywheel for accelerator mounting

Accelerator

- 3 port rotor with drop in replaceable carbides
- 3, 4, or 5 shoe tables
- Rotor and shoe tables are interchangeable
- Bolt-on replaceable liners

Impact Area

- Hybrid rock shelf and cluster ring are interchangeable
- Replaceable anvils

Lube System

- Pedestal lubrication system, 5hp electric pump
- Gravity flow low-pressure system
- Oil pressure and flow alarms
- Oil cooler

Options

- Electric or diesel power unit
- Hydra-Arm Lid Removal System
- Lube oil tank heater
- Standard/Hardpart configuration
- Semi-Autogenous configuration
- Autogenous configuration
- Optional feed tube diameters

Configuration	Material Type	Impeller Shoes/ Rotor Ports
Standard Shoe and Anvil	Non-Abrasive	4 or 5
Rotor and Anvil	Abrasive	3
Rotor and Shelf	Abrasive	3

Physical and Operating Characteristics

Dimension	Standard	Metric
VSI Feed Opening Diameter	11 3/8"	290mm
Max Feed Size Hardpart**	3"	75mm
Max Feed Size Autogenous	2"	51mm
Approx. Capacity Hardpart	150-250 TPH	135-223 MTPH
Approx. Capacity Autogenous	150-300 TPH	135-267 MTPH
Explosion Chamber	10,120in ³	165,837cm ³
Recommended Power Diesel	350hp	260 kW
Recommended Power Electric Single	250hp	186 kW

Dimension	Standard	Metric
Recommended Power Electric Twin	150hp each	112 kW each
Standard (Hard) Weight	18,600lb	8,437kg
Semi-Autogeneous Weight	19,100lb	8,664kg
Autogeneous Weight	19,600lb	8,890kg
Operating* Length	192in	4,877mm
Operating* Width	94in	2,395mm
Operating* Height	84in	2,127mm
*Operating envelope based on closed crusher		
Service* Length	192in	4,877mm
Service* Width	168in	4,280mm
Service* Height	98in	2,488mm
*Service envelope based on open crusher		

**5 shoe tables limited to 2in (51mm) feed.

2500-EV

Dimension	Standard	Metric
Standard (Hard) Weight	18,000lb	8,165kg
Semi-Autogenous Weight	18,599lb	8,391kg
Autogenous Weight	19,000lb	8,618kg

2500-EV VSI Operating Envelope (Closed)

Dimension	Standard	Metric
Length	143"	3,632mm
Width	94"	2,386mm
Height	84"	2,132mm

2500-EV VSI Operating Envelope (Open)

Dimension	Standard	Metric
Length	152"	3,851mm
Width	168"	4,276mm
Height	98"	2,488mm