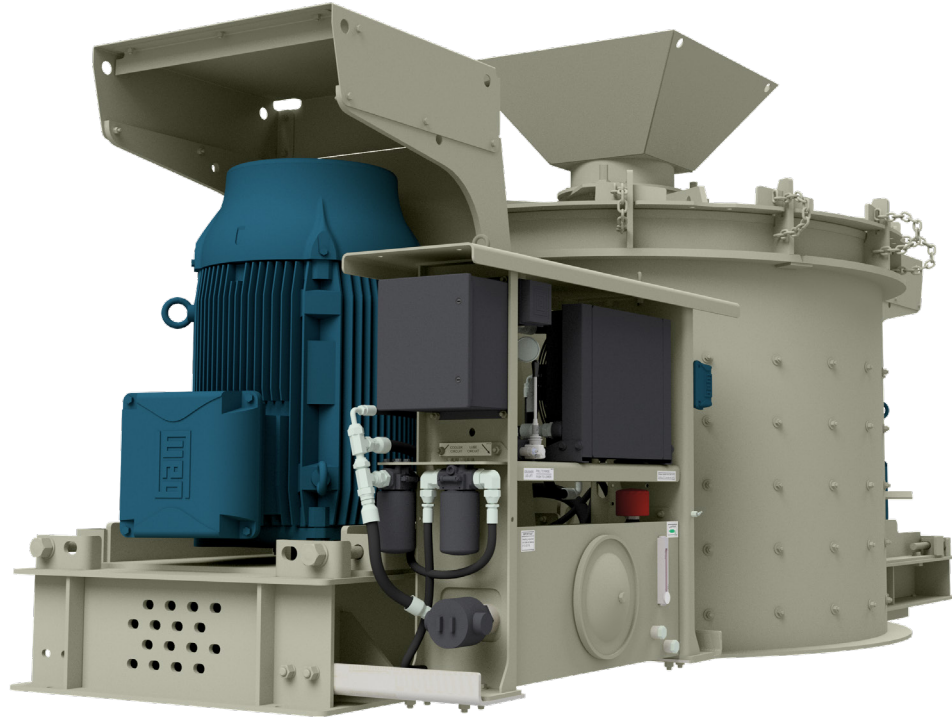


2500EVT

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-Autogenous Weight | 19,100lb | 8,664kg |
| Autogenous 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 |