

# 2500EV

## Portable VSI Plant



### Impact Crusher - VSI

- Fully replaceable bolt on liners for tub, pedestal, and lid
- Feed box with externally adjustable feed tube
- 11 3/8" (289mm) feed diameter
- Hinged access doors in lid
- Roller bearing pedestal assembly
- 5 HP pedestal lubrication system with electric pump
- Oil alarm and cooling system
- Vibration monitor
- Application specific internal configurations
- Max feed size rotor = 2" (51 mm)
- Max feed size shoe table = 3" (76mm)
- Accelerator speed = 700 to 1,400 RPM

### End Delivery Conveyor

- 42" fixed height with full spill boards and cover
- Belt cleaner and discharge hood
- Screw take-up belt tension
- 10hp TEFC electric motor

### Chassis

- 32-TEC frame with tandem rear axle
- Rear crib legs and king pin support
- Eight 11.00 x 22.5 dual mounted tires
- Air brakes, travel lights, mudflaps
- Service platforms with ladder
- Crusher discharge chute

### Options

- Hard Parts (H)/Standard configuration including 3, 4, or 5 shoe impellor table and anvil cluster ring
- Semi-Autogenous (SA) configuration including 3 port rotor and anvil cluster ring
- Autogenous (A) configuration including 3 port rotor and hybrid rock shelf with anvils
- V-belt drive for electric motor with motor mount, crusher sheave, motor sheave, and v-belts
- 250 HP TEFC electric motor at 1,200 RPM
- 300 HP TEFC electric motor at 1,200 RPM
- Starter and 60' of cable for electric motor and 5 HP lube pump in NEMA-12 panel box
- Variable Frequency Drive (VFD) for crusher motor speed control
- 150 HP or 200 HP twin electric motors (EVT)
- Hydra arm lid removal system includes power lift and manual rotate for service
- Lube oil tank heater
- Belt scale
- Mid-point dust suppression spray bar
- Remote grease for conveyor head and tail pulley
- Transport bracket for spare/optional internal configuration components

## Physical/Operating Characteristics

Dimension	Standard	Metric
Operating Length	41' 11"	12.8m
Travel Length	41' 11"	12.8m
Operating Height	13' 5"	4.1m
Travel Height	12' 2"	3.7m
Ground Clearance	15"	0.2m
Total Weight (150 HP motor)	44,300lb	20,094kg
End Delivery Conveyor	4,030lb	1,828kg
Feed Hopper	250lb	114kg
Operating Width (approx panel)	13' 4"	4.1m

Dimension	Standard	Metric
Travel Width	11' 6"	3.5m
Feed Height	13' 5"	4.1m
Discharge Height	6' 2"	1.9m
Service Width (lid open)	15' 8"	4.8m
Service Height (lid open)	14' 6"	4.4m
Basic Motor Controls & Panel	660lb	300kg
250 HP Electric Motor & Mount	5,490lb	2,490kg
300 HP Electric Motor & Mount	5,950lb	2,700kg