

**CANICA**®  
A TEREX BRAND

## Modular Plants

MV2000

VSI Module



A world working better™

 **TEREX** MPS

# Canica® Modular Plants

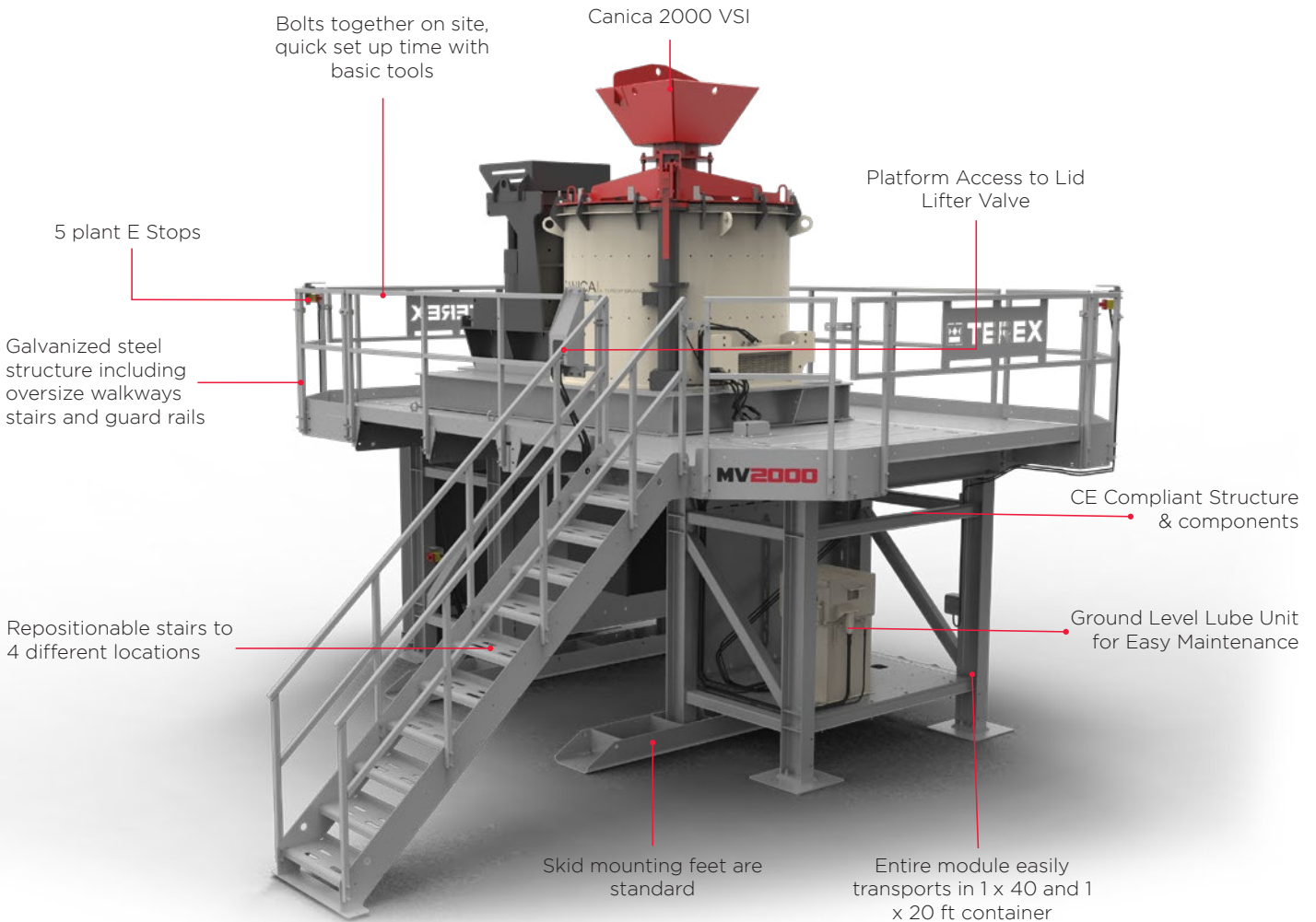
## MV2000 VSI Module

The MV2000 Modular VSI features a high performance Canica VSI2000SD single drive vertical shaft impactor, powered by a 300 hp (224 kW) electric motor with soft start. This robust VSI is a vital tool for producing highly cubical products in small sizes and eliminating soft material.

### Standard Features

#### Vertical Shaft Impactor

- Canica 2000 single drive vertical shaft impactor
- 300 hp (225 kW) electric motor (standard) with soft start
- Multiple crusher chamber configurations available:
  - Rock on Steel (ROS)
  - Rock on Rock (ROR)
  - Heavy Duty (HD)
- Oil system with 35 gallon (130 liter) reservoir
- Heavy-duty 3-bearing pedestal with Astralloy main shaft
- Cast chrome pedestal protection
- Patented "Hydralid" hydraulic lid lifter and lid swing
- Feed hopper with rock shelf and deflector plate
- Externally adjustable feed tube system
- Cast feed tube, lid and mainframe liners
- Cast lined flywheel
- Inspection door with safety lock
- Open lid safety lock



## Module Structure

- Bolts together on-site, quick setup time with basic tools
- Pre-wired “plug and play” design, minimal on-site wiring
- Robust weather-protected control panel with user-friendly controls
- Galvanized steel structure including walkways, stairs, guard rails, and skid mounting feet
- Flexible design permits two locations for discharge conveyor
- Crusher discharge chute with rubber dust sock
- CE compliant module structure and components
- Systematically packed in shipping containers for quick site setup and easy transport

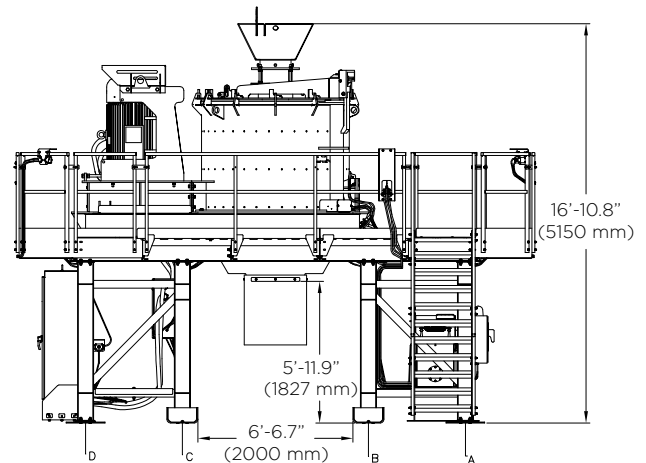
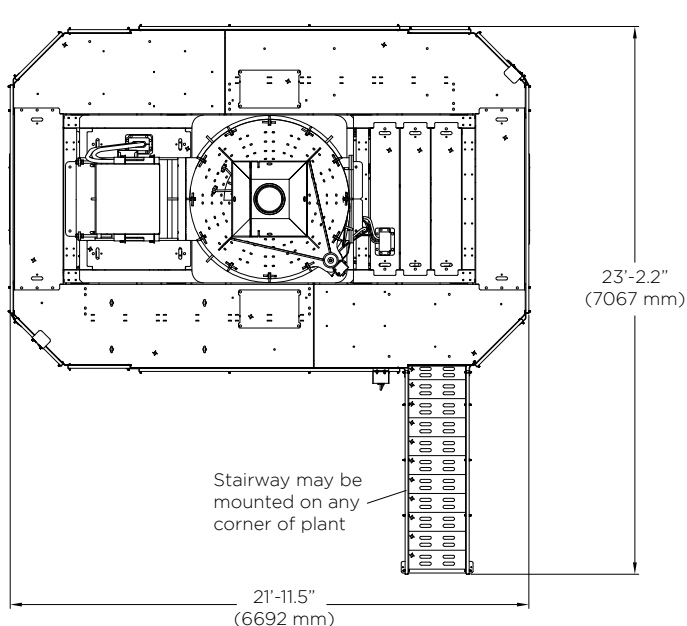
## Electrical Controls

- Five emergency stop stations
- Electrical panel for manual/automatic control of operation including on-plant starters and controls for lube motor, VSI motor, and lube oil heater
- Auxiliary electrical control cabinet
- Automatic sequence start-up and shut-down
- Plant operation interlocks upstream and downstream
- Module run/fault indication
- Facility for remote operation
- VSI protection system
- Two ethernet ports
- Ammeter

## Optional Equipment

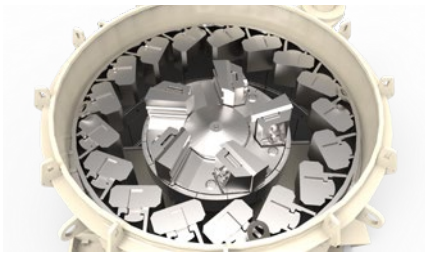
- Electrical switchgear panel
- Motor starter kits to run off-plant VSI feed conveyor and product discharge conveyor
- Dual drive

## Dimensions



Shown with optional electrical switchgear panel and skid mounting feet (to be used when not anchored to concrete pads).

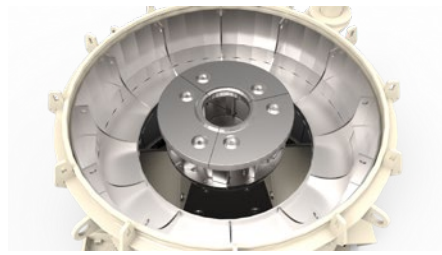
## Interchangeable Crushing Chambers



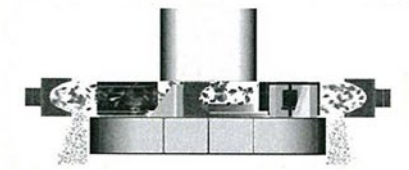
Shoe and Anvil  
(HD Series)



Rotor and Anvils  
(ROS Series)



Rock on Rock  
(ROR Series)



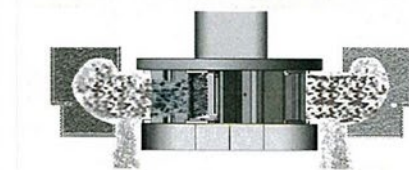
Large Feed, Mild to Medium Abrasive Materials

Shoe and anvil configuration offers high tonnage of chip production, high reduction ratios and feed size flexibility.



High Reduction in Medium Abrasive Materials

Enclosed rotor and anvils combine the grinding action of the rotor with the high efficiency reduction of anvils.



For All Rock Types and the Most Abrasive Materials

Enclosed rotor and rock box configuration causes rock on rock crushing which produces the best shaped and most consistent material with the lowest wear cost.

Canica 2000SD VSI	Maximum Feed Size <sup>1</sup>		Maximum Throughput Capacity <sup>2</sup>	
	Imperial	Metric	Imperial	Metric
Rock on Steel (ROS) with high speed rotor & anvils	1"	25 mm	250 STPH	225 MTPH
Rock on Rock (ROR) with high speed rotor & rockshelf	2"	50 mm	250 STPH	225 MTPH
Rock on Steel (ROS) with Heavy Duty rotor & anvils	2.5"	63 mm	300 STPH	270 MTPH
Rock on Rock (ROR) with Heavy Duty rotor & rockshelf	2.5"	63 mm	300 STPH	270 MTPH
Heavy Duty (HD) with open table & anvils	4"	100 mm	250 STPH	225 MTPH

<sup>1</sup> Longest dimension

<sup>2</sup> Feed size and tons per hour dependent on type of feed and HP available)

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