SPECIFICATION SHEET

TWISTER VS350
VERTICAL SHAFT AUTOGENOUS CRUSHER



The Twister Vertical Shaft Autogenous Crusher is a leader in rock-on-rock vertical shaft crushing technology.

The Twister VS350 is ideal for use in construction, quarrying, mining and recycling industries for producing high quality cubically shaped aggregate, industrial sand, fines in mineral processing, recycling of building materials and recycling of glass.

The Twister uses a modular rotor mounted on a vertical shaft to provide the centrifugal force which starts the reduction process. Material fed into the crusher is centralised before entering the spinning modular rotor. The rotor then accelerates the stone to velocities up to 80 metres per second and continually discharges this accelerated stone into a stone filled chamber. The stone collides with other stone already in the crushing chamber and on the rock wall and fractures along natural faults throughout the rocks or minerals. These continuous collisions provide the crushing action within the chamber resulting in a consistently cubical, high first-pass product yield and produces fines in a balanced particle size distribution.

The use of autogenous rock-on rock crushing principles reduces metal crushing parts and reduces wear costs to minimum levels.

PRODUCT NAME:	TWISTER VS350
DOCUMENT NO:	TWISTER_VS350_MKT
REV:	05
DATE:	16/11/2026

PILOT CRUSHTEC®
More than machines, *we build trust.*

TWISTER VS350

FEATURES

Skid Frame	Height adjustable, heavy-duty support structure, c/w inclined staircase, walkways and guarding The skid frame can be installed on a flat, level compacted surface without concrete foundation
Bearings	Easily removable heavy-duty bearing cartridge with low level centralised greasing point
Standard with HALLS	**HALLS** - Hydraulic Automatic Lid Lifting System - is incorporated into the frame for easy and safe removal of the rotor and bearing cartridge
Rotor	3 or 6 port Modular, machined and bolted rotor to allow any body part to be replaced if damaged and with easily interchangeable high chrome liners and tungsten carbide tips
Estimated Weight	Approx 12,200kg (Electric Motor dependent)

HALLS
Hydraulic Automatic Lid Lifting System

TWISTER VS350 SPECIFICATIONS	MR10 3 Port	SP09 6 Port
Rotor Diameter	1000mm	900mm
Feed Size (Maximum edge length)	50mm	60mm
Feed Size (Passing square mesh screen size)	45mm	50mm
Rotor Speed RPM	1200 - 1680	1200 - 1680
Rotor Throughput	50 - 220 tonnes/hr	50 - 280 tonnes/hr
Cascading System	Up to 400 tonnes/hr	Up to 450 tonnes/hr
Electric Motor Options	160 - 335kW	

FLEXIBLE STAIRCASE POSITIONING

Modular stair case positioning is available to your plants requirements. The heavy-duty skid frame does not require civils for installation - only a level compact service. The handrails are galvanized and built using angle-iron.

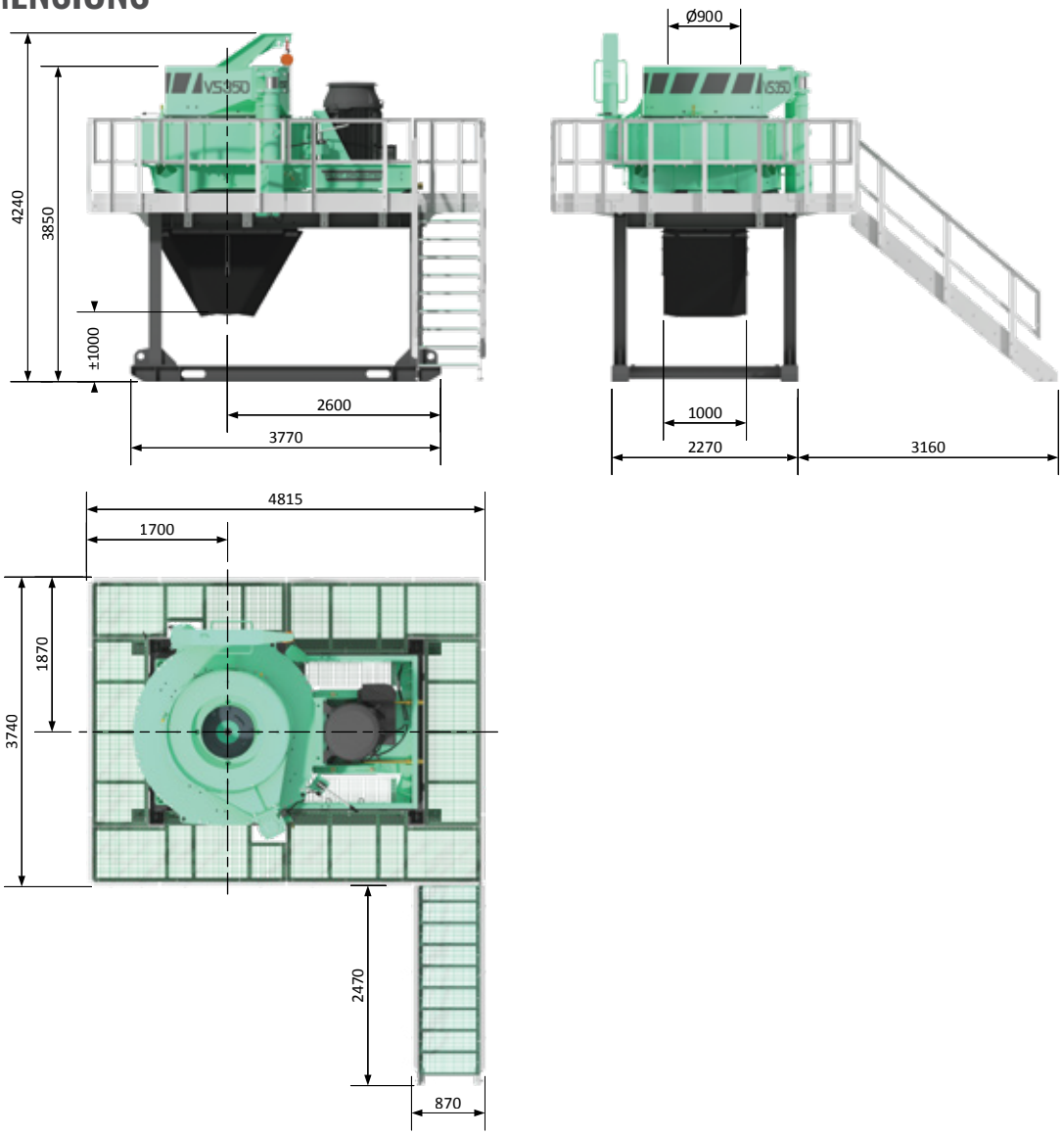




- All tonnages indicate “through-the-rotor” capacity
- All capacities quoted are provided as an application aid only. No performance guarantees are expressed or implied
- Higher and lower capacities can be expected and will depend on many factors including:
  - Type of feed material
  - Shape of the material
  - Size and grading of feed material
  - Size and speed for rotor
- The rotor revolutions and size of the rotor will determine the speed at which the material leaves the rotor
- The higher the rotor speed, the higher the reduction value
- Maximum feed size is indicative and will depend on the type of rock, capacity and grading of the feed material
- All dimensions are provided in millimeters (mm), and weights are expressed in metric tonnes

All reasonable steps have been taken to ensure the accuracy of the publication, however, due to Pilot Crushtec Internationals policy of continual product development, we reserve the right to make changes in specifications shown herein or improvements at any time without notice or obligation. All capacities and feed size are provided as an application aid only. No warranties are expressed or implied.

WORKING DIMENSIONS

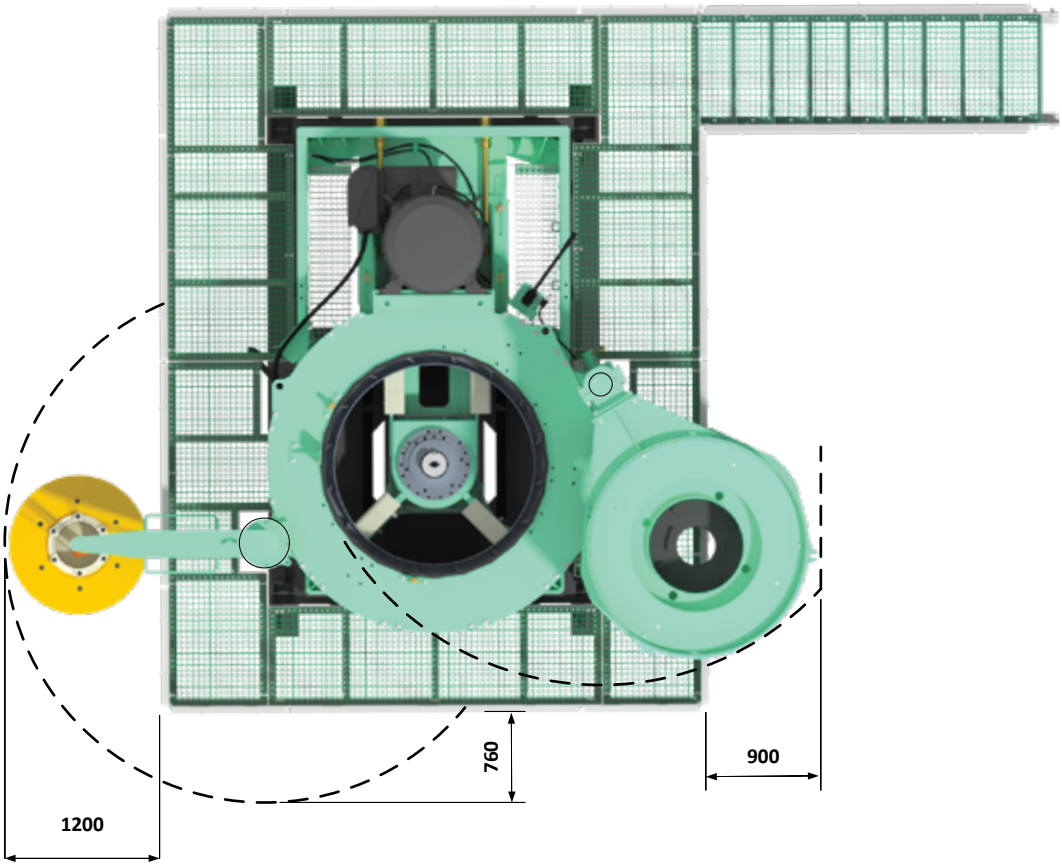


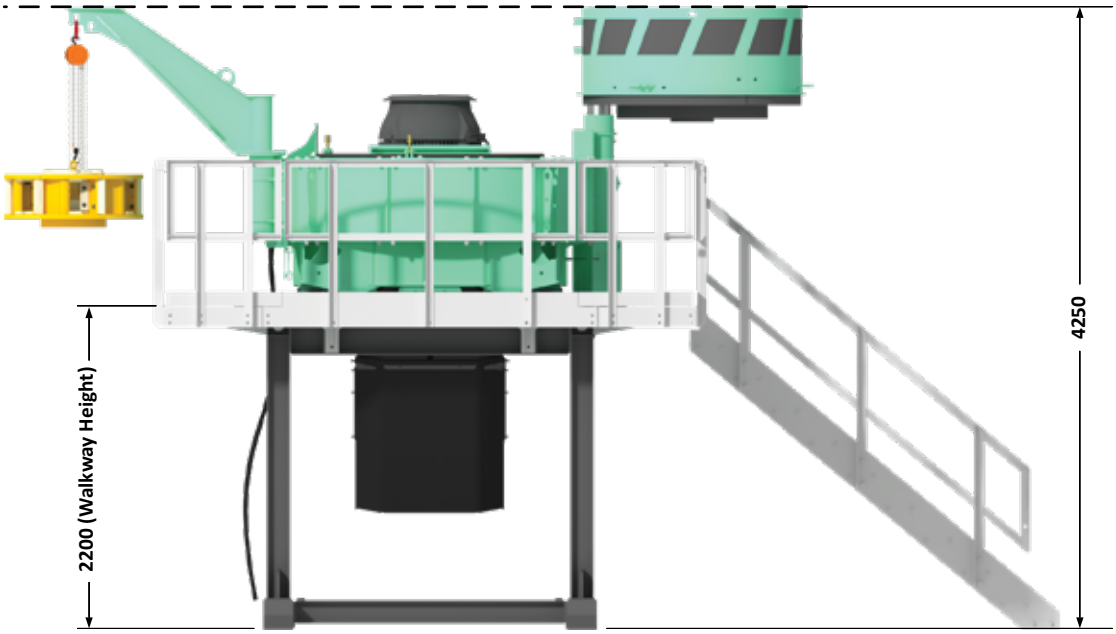
TRANSPORT DIMENSIONS



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MAINTENANCE CLEARANCE





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