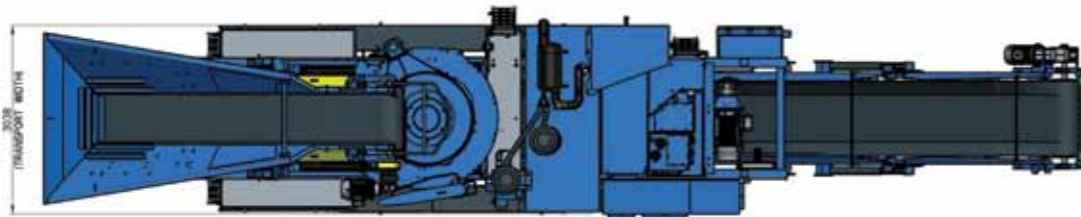
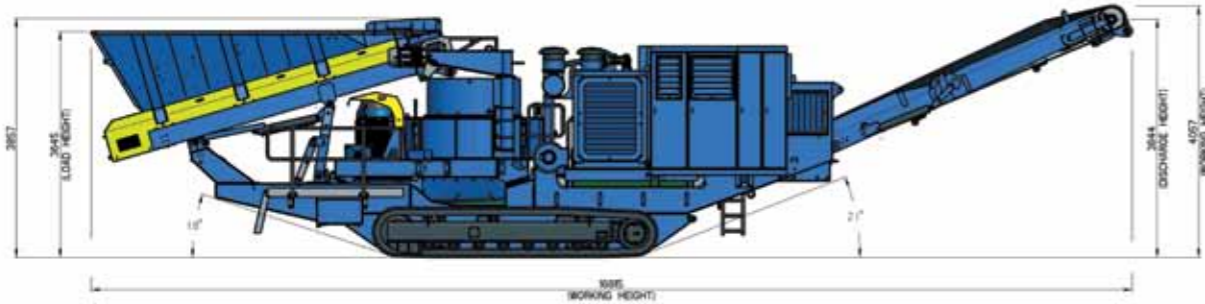


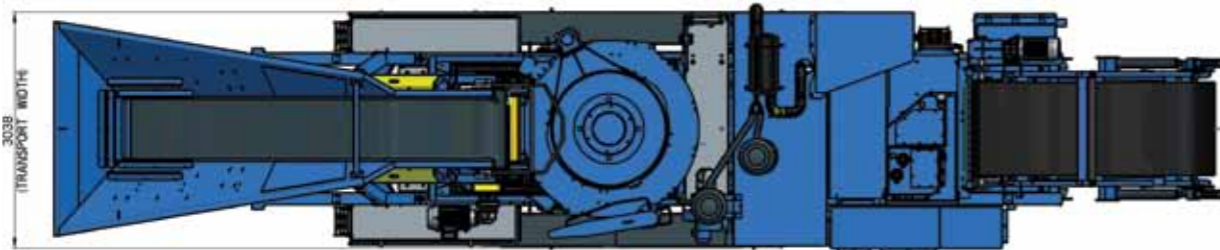
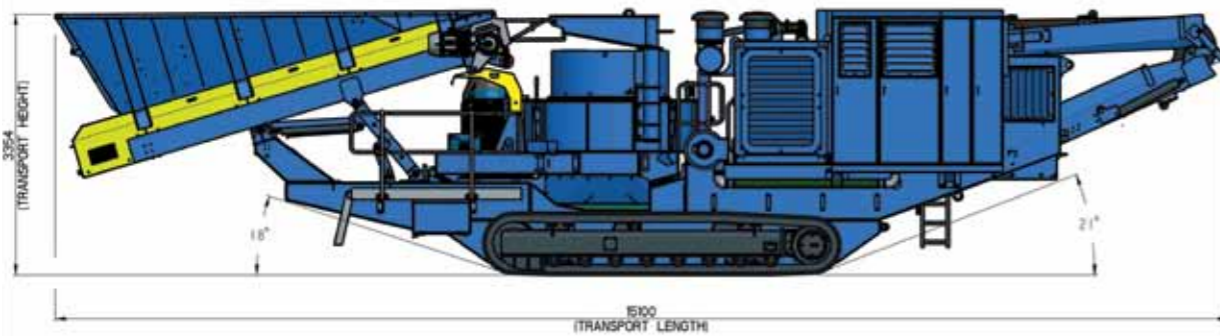
WORKING DIMENSIONS

The working dimensions of the TwisterTrac VS350E



TRANSPORT DIMENSIONS

The transport dimensions of the TwisterTrac VS350E



VS350E



DESCRIPTION

The TwisterTrac VS350E is a track-mounted, self-driven, feeding, crushing and stockpiling machine for tertiary and quaternary crushing applications. It is fitted with a purpose designed Twister VS350E vertical shaft impact (VSI) crusher. It is a versatile crusher primarily used for production of fines for crusher sand and base course, for the shaping of aggregates to produce quality cubical shaped material and for the reduction of feed material for further milling processes.

MAIN FEATURES

- Low capital investment and maintenance costs
- Versatile crusher discharge or direct feed; variable rotor speed
- Ability to handle a large range of feed materials, feed gradings and feed sizes
- High reduction ratios from 5:1 to 30:1
- Ability to produce high quality "cubical" shaped particles
- Volvo TAD1641GE 430kW prime power diesel engine with engine monitoring and protection system
- Leroy Somer 600kVa alternator
- Rapid, reliable and safe servicing
- Low consumption - high output

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All reasonable steps have been taken to ensure the accuracy of the publication, however, due to Pilot Crushtec International's 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 sizes are provided as an application aid only. No warranties are expressed or implied.

PILOT CRUSHTEC®

CRUSHING AFRICA'S ROCK

PILOT CRUSHTEC®

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FEATURES



VERTICAL SHAFT IMPACT CRUSHER

- Rotor options dependant on applications
- Heavy duty cartridge type bearing housing
- Electrically controlled variable rotor speed
- Hydraulic lifting of crusher housing cover and feed lid with mechanical rotation
- Replaceable rock box or anvil ring
- Jib crane for rotor removal and replacement
- Taper shaft rotor mount
- Dust retention and re-circulating systems
- Adjustable feed tube
- Rubber-mount crushing chamber isolation
- Cascade bypass system for high tonnage applications



HOPPER AND BELT FEEDER

- Heavy duty belt feed hopper approximately 6m³
- Low level drop down rear feed flap
- 700mm wide load sensing variable speed conveyor
- Heavy-duty high torque electric drive
- Impact idlers along length of loading area
- Class 630/4 ply belt 5mm top cover, 1.6mm bottom cover
- Fully skirted and guarded
- Troughed conveyor belt to minimize spillage and facilitate tracking
- Heavy-duty pre-tensioned belt scraper with replaceable scraper blades
- Hydraulic raised conveyor for crusher maintenance



DISCHARGE CONVEYOR

- 1200mm wide flat belting
- Hydraulic folding for transport
- Class 500/3Ply belt, 5mm top cover, 1.6mm bottom cover
- Heavy-duty low friction plastic support slides under discharge feed boot
- Heavy-duty high torque electric drive
- Belt adjustment at both drive and tail end
- Feed boot with heavy duty skirting to minimize spillage
- 3.7m stockpile height



FEATURES



TRACKS

- Integrated planetary drives
- Radio remote control



POWER

- Volvo TAD1641GE, 430kW Prime power at 1500rpm, Tier 2 engine
- Exhaust ejector venture air system
- Engine monitoring and protection system
- Diesel Tank 1100ℓ capacity with a low level warning
- Heavy-duty fuel/water separator



ELECTRICS

- 24VDC electrical engine system
- 600kVa Leroy Somer Electrical alternator
- 400VAC Electrical crusher and conveyor system
- Indicator Pilot lights on the control panel
- Failsafe emergency stop circuit
- Failsafe crusher housing proximity switch

TECHNICAL DATA

DESCRIPTION	3 PORT ROTOR	6 PORT ROTOR	OPEN ROTOR
Maximum feed size	50mm	60mm	120mm
Feed passing screen	40mm	45mm	75mm
Rotor speed	1250 - 1650rpm	1250 - 1650rpm	900rpm
Rotor diameter	1000mm	900mm	*1000mm
Throughput	Up to 250tph through the rotor, up to 400tph using cascade system		

*When feed size exceeds 50mm the max rotor speed will reduce to 1400rpm

- Notes:
- 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 of 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