



MACHINE WEIGHT: empty - 27 tonnes / with rock box build-up - 29 tonnes



ALL PILOT CRUSHTEC'S PRODUCTS SUPPORTED BY



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innovative mobile crushing, screening and washing solutions

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SPECIFICATIONS

VERTICAL SHAFT IMPACT CRUSHER

- SP09 six port modular rotor
- Variable rotor speed between 1000 and 1600 rpm for variable crushing ratio
- Hydraulic lifting of crusher housing cover and feed lid with mechanical rotation
- Replaceable rockbox with replaceable build up plates
- Rubber mount isolation for bearing housing to eliminate vibration transfer
- Vibration detection and reporting
- Heavy duty bearing arrangement
- Taper shaft rotor mount for quick and easy removal

HOPPER & BELT FEEDER

- Heavy duty hopper, approx. 6 m³
- Rear folding crusher feed flap
- Load sensing belt feeder to control feed to crusher
- Impact idlers along length of loading area
- 800 mm wide belt

DISCHARGE CONVEYOR

- 1200 mm wide chevron belting
- Hydraulic folding for transport
- Hydraulic lowering of tail section for easier access
- Fully guarded with skirting on full length
- 3.7 m discharge height

UNDERCARRIAGE

- Standard radio remote control operation
- Heavy duty type with integrated transmittal planetary drive
- Bolt on tracks with grease tensioning
- 2900 mm sprocket centres, 400 mm shoe width
- 2 speed selectable track speed
- 25° Gradability

DIESEL ENGINE

- Caterpillar C13, 328 kW @ 2100 rpm TIER 3/ACERT
- Exhaust ejector venturi air system
- Engine monitoring and protection system
- Electronic diagnostics and fault logging technology
- Heavy duty fuel/water separator, safety integrated to PLC
- 800 litre Diesel tank with low level warning

HYDRAULICS

- Variable pump and motor in closed loop system
- PLC controlled with continuous condition monitoring
- Suction, pressure and return line filtration safety integrated to PLC

CONTROLS

- Mitsubishi PLC
- IP65 Rated full function display and control screen
- 3 simple operating modes with menu driven user interface
- Track mode: For moving machine
- Automatic mode: For fully automatic machine start-up and operation
- Manual mode: Password protected for maintenance, testing and setting individual components
- Integrated remote web monitoring technology

OPTIONS

- 4 port open table rotor
- Replaceable anvil ring
- Oversize scalping screen

TECHNICAL DATA

	6 PORT ROTOR	
	Hard Rock	Soft Rock
Max feed size	65 mm	75 mm
Feed passing square mesh screen	45 mm	50 mm
Max rotor speed*	1600 rpm	1400 rpm
Rotor diameter	900 mm	

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

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 speed the higher the reduction value
- MAXIMUM FEED SIZE IS INDICATIVE AND WILL DEPEND ON TYPE OF ROCK, CAPACITY AND GRADING OF THE FEED MATERIAL