



STRIKER JM1180

Jaw Crusher



Unlimited Solutions
for Limited Resources

MINING RANGE

Tracked Jaw Crushers



Tracked Plant Features

Vibrating Grizzly Feeder

Feeding the materials into the Jaw Crusher and/or fines chute is a vibrating grizzly feeder including :

Vibrating Unit

Twin shaft exciter is mounted under the rear of the vibrating feeder. This is driven by a single hydraulic motor and produces a forward linear motion.

Pan

The feeder floor is fitted with Hardox 400 bolted replaceable wear liners. These extend the quality and life of the feeder.

Grizzly Section

The grizzly section is a double step grizzly that is easily removed.

Feed Hopper

The feed hopper is manufactured from Hardox 400. To raise and lower the wings, hydraulic cylinders are used to bring the travelling height down to a minimum and allow for maintenance to the vibrating feeder.

Track Frame

Manufactured from heavy-duty frame steel with 4.1m longitudinal centres along with 500 wide tracks as standard with an overall track width of 3m.

Forward Product Conveyor

The forward product conveyor or main conveyor is a 1200mm wide, troughed belt conveyor with a fixed tail section and a discharge height of 3.5m high. The belt is driven via a hydraulic drive motor.

Side Discharge Conveyor

The side discharge dirt conveyor is hydraulic folding, 600mm wide giving a discharge height of approximately 2.1m to the top of the head drum. The belt is driven via a hydraulic drive motor (optional).

Fines Transfer Chute

Fitted beneath the vibrating grizzly is the fines transfer chute. This chute transfers the material passing the grizzly bar setting onto either the forward product conveyor or the side discharge conveyor.

Magnet

A magnetic cross-belt separator is suspended over the on-plant product conveyor and is complete with permanent magnet and a hydraulic drive (optional).

Powerpack

CATERPILLAR model C9 engine with electronic governing and emission control powers the plant. Rated at 300 bHP (225 kW) @ 2000 rpm designed to drive the jaw via a KPTO transmission.

Jaw Crusher

The Jaw Crusher provides the latest technology in Heavy Duty Crusher design that delivers high production, large feed opening, bolted mainframe and a cast swing jaw holder. The crusher is designed to handle hard rock, ores and demolition concrete for the quarrying and mining industries. Designed to compliment Track installations, these rugged machines are manufactured with heavy-duty parts for optimum operation and long life. The rocking end toggle design allows you to eliminate lubrication and the need for seats.

Extra Heavy Duty Body

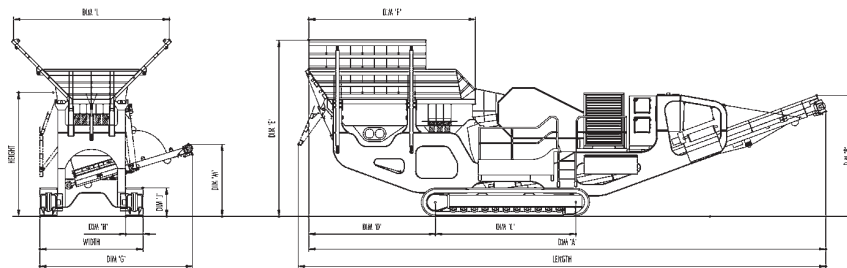
The Jaw Crusher body is a four piece, fully bolted and doweled heavy duty structure. Both the front and rear frames are cast high strength steel with side plates produced from high strength structural plate.

Crushing Chamber

The jaws are a corrugated manganese jaw which are reversible, top to bottom. The swing jaw is a fully enclosed section of cast steel construction. The large diameter shaft is manufactured from forged steel with no threads or tapered bearing journals. Both the fixed and moving jaws are retained with a wedge locking system. The main frame and swing jaw holder are protected from wear due to the unique design of the jaw faces that completely protect the inlet and outlet points of the crushing chamber. This eradicates the need to tighten bolts at the back of the fixed jaw to leave you with a high strength and fatigue resistant jaw crusher for heavy-duty applications.

Options

Special features are available depending on the client's requirements. A conveyor weigh scale can be fitted along with extended hopper wings, as shown, for an improved size in feeding area. Engine fire suppression, dust suppression, optimax feed controller



MODEL	WORKING DIMENSIONS											TRANSFERT			
	A	B	C	D	E	F	G	H	J	L	M	WIDTH	HEIGHT	LENGTH	WEIGHT
IM 1180	15040	3520	4090	3690	5120	4850	4440	500	850	4530	2100	3000	3600	15340	55 T

* - WEIGHT VARIABLE WITH OPTIONS



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