



STRIKER

BUILT TO LAST



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Unlimited Solutions
for Limited Resources

TRACKED IMPACT CRUSHER

HQR1312E Features



Vibrating Grizzly Feeder - Feeding the material into the Impact Crusher and/or fines chute is a vibrating grizzly feeder including:

Vibrating Unit - The feeder is driven by a twin shaft exciter mounted under the rear of the vibrating feeder. Driven by a single hydraulic motor and produce 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.

Forward Product Conveyor - The forward conveyor is a 1200mm (3'11") wide, troughed belt conveyor with a fixed tail section and discharges onto the screen.

Screen - 14ft x 5ft (4.3m x 1.5m) single deck vibrating screen. Fitted beneath the screen is a 1200mm (3'11") wide product conveyor. Fitted to the screen discharge is a transfer conveyor. The conveyor discharges onto the screen to impactor returns conveyor.

Screen To Impactor Transfer Conveyor - 500mm (1'8") wide troughed belt transfer conveyor. The conveyor is fed from the screen oversize transfer conveyor.

Side Discharge Conveyor (Optional) - 600mm (2') wide giving a discharge height of approximately 2.1m (6'11"). The side discharge dirt conveyor is hydraulic folding.

TECHNICAL SPECIFICATION

Hopper

Capacity - 10m³/14m³ (13yd³/18yd³)

Crusher

Size (D x W) - 1300mm x 1210mm (51" x 48")

Screen

Size - 4300mm x 1500mm (14' x 5') - Single Deck

Forward Product Conveyor

Width - 1200mm (3'11")
Discharge Height - 3192mm (10'6")

Side Conveyor (*Optional)

Width - 600mm (2')
Discharge Height (adj.) - 2100mm (6'11")

Tracks

Length - 4085mm (13'5")
Width - 500mm (1'8")

Power Pack

Engine Power - CAT C4.4
Diesel Tank - 840Litre (185gal)
Hydraulic Tank - 600Litre (132gal)

Performance

Capacity (up to) - 500T/hr
Gap Setting - 10-150mm (0.4"-5.9")

Operating Dimension

Length - 19226mm (63'1")
Width - 4278mm (14')
Height - 5194mm (17')
Weight - 62T (136,687lbs)

Transport Dimension

Length - 17982mm (59')
Width - 3612mm (11'10")
Height - 4087mm (13'5")

Options:

Water Pump, Side Conveyor, Overband Magnet, Canvas Covers, Stacker Outlet

*Subject to change without prior notice.

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.

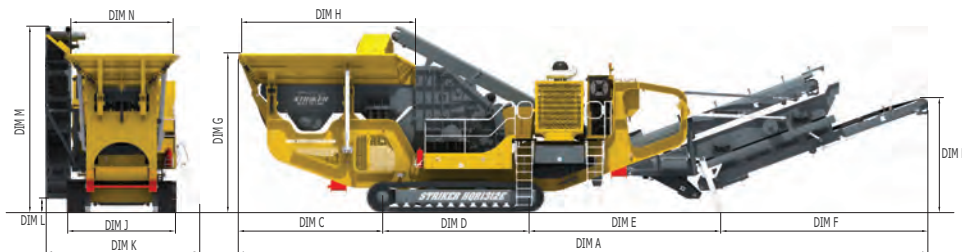
Track Frame - The track is manufactured from heavy-duty frame steel having 4085mm (13'5") longitudinal centres along with 500mm (1'8") wide tracks as a standard with an overall track width of 3020mm (9'11").

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

Power Pack - CATERPILLAR model C4.4 engine with electronic governing and emission control powers the plant.

Extra Heavy Duty Rotor - HD Impact Crushers incorporate heavyduty open disc style rotors with four blow bars as a standard. Providing high inertia ensures optimum crushing is achieved. The rotor is supported by bearings mounted in suitable solid housings manufactured from steel blocks with self-purging labyrinth seals.

Hydraulic Impact Arms - Impact plates are identical cast blocks that are interchangeable, thereby permitting optimum utilization. Gap settings between impact arm and rotor are adjusted via hydraulics to allow the product size to be controlled. If overloading, power failure, etc. causes material to exceed the pre-set pressure the impact arms retract in a controlled manner.



HQR1312E	WORKING DIMENSIONS												TRANSPORT				
	A	B	C	D	E	F	G	H	J	K	L	M	N	WIDTH	HEIGHT	LENGTH	WEIGHT
METRIC	19226	3192	4029	4085	5334	5778	4432	4864	3020	4278	410	5194	2844	3612	4087	17982	62T
IMPERIAL	63' 1"	10' 6"	13' 3"	13' 5"	17' 6"	18' 11"	14' 6"	15' 11"	9' 11"	14'	1' 4"	17'	9' 4"	11' 10"	13' 5"	59'	136,687lbs

*- Weight Variable With Options

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