



STRIKER

BUILT TO LAST



STRIKER JQ1170E

Australia +61 8 9437 3533 | Malaysia +605 366 8188 | China +86-21-5446-1581
info@strikercrushing.com | www.strikercrushing.com

Unlimited Solutions
for Limited Resources

TRACKED JAW CRUSHER

TECHNICAL SPECIFICATION

JQ1170E Features



Vibrating Grizzly Feeder - Feeding the material 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. 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.

Forward Product Conveyor - The forward product conveyor is a 1200mm (3'11") wide, troughed belt conveyor with a fixed tail section and a discharge height of 3319mm (10'11") high.

Side Discharge Conveyor (Optional) - The side discharge dirt conveyor is hydraulic folding, 600mm (2') wide giving a discharge height of approximately 2100mm (6'11") to the top of the head drum.

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 - Manufactured from heavy-duty frame steel with 3800mm (12'6") longitudinal centres along with 400mm (1'4") wide tracks as a standard with an overall track width of 2800mm (9'2").

Hopper
Capacity - 7m³ / 10m³ (9yd³ / 13yd³)

Crusher
Size - 1070mm x 740mm (42" x 29")

Forward Product Conveyor
Width - 1200mm (3'11")
Discharge Height - 3319mm (10'11")

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

Tracks
Length - 3800mm (12'6")
Width - 400mm (1'4")

Power Pack
Engine Power - CAT C4.4
Diesel Tank - 640Litre (141gal)
Hyd. Tank - 600Litre (132gal)

Performance
Capacity (up to) - 325T/hr
Gap Setting - 50-175mm (2"-6.9")

Operating Dimension
Length - 14931mm (49')
Width - 4066mm (13'4")
Height - 4316mm (14'2")
Weight - 48T (105,822lbs)

Transport Dimension
Length - 15139mm (49'8")
Width - 3184mm (10'5")
Height - 3841mm (12'7")

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

*Subject to change without prior notice.

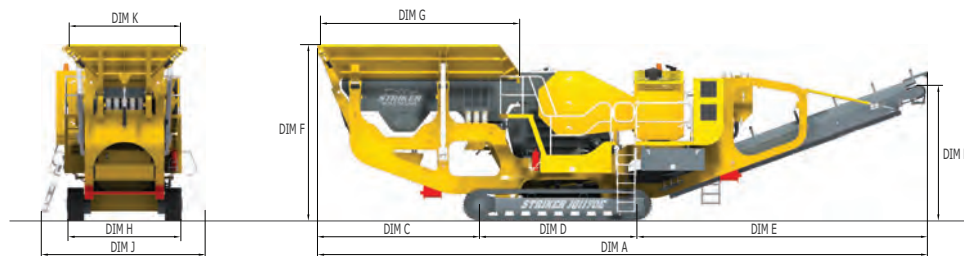
Magnet (Optional) - A magnetic cross-belt separator is suspended over the on-plant product conveyor (optional).

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

Jaw Crusher - The 1070mm x 740mm (42" x 29") 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 crusher is fully hydraulic adjustable on setting.

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.



JQ1170E	WORKING DIMENSIONS											TRANSPORT			
	A	B	C	D	E	F	G	H	J	K	WIDTH	HEIGHT	LENGTH	WEIGHT	
METRIC	14931	3319	3978	3800	7153	4316	4881	2800	4066	2760	3184	3841	15139	48T	
IMPERIAL	49'	10' 11"	13' 1"	12' 6"	23' 6"	14' 2"	16'	9' 2"	13' 4"	9' 1"	10' 5"	12' 7"	49' 8"	105,822lbs	

*. Weight Variable With Options

While Striker Australia Pty Ltd makes every endeavour to ensure of the information presented in this brochure, we cannot be held liable in any way for any loss or damage for any inaccuracies or errors you may find. Striker Australia Pty Ltd cannot make any warranty as to the fitness of purpose of any goods, equipment or material in this brochure for your purposes and you must use your own endeavours and make your own enquiries in that regard. The Striker J Series Single Toggle Jaw Crusher is designed to crush hard rock and all figures represent crusher capacities based on dry, free flowing material that will enter the crusher without bridging and all material smaller than the closed side setting has been removed and with a Crushing Work Index of 16 and a bulk density of 1600 kg/cu m (100 lbs/cu ft). For processing material outside of this range please consult the team at Striker SPO2SI972-2000