

Laboratory Horizontal Jaw Crusher

LJC



SORAJ INSTRUMENTS Offers Laboratory Jaw Crusher For Various R&D Sector, Laboratories, Educational Institute & Pharmaceutical Industries for fast crushing of aggregates, Ores, minerals coal, coke, chemicals and other similar materials. It is compact and of rugged construction For general laboratory or small pilot plant operations. Jaw Crushing is a process in which the material is to be crushed between high-speed Moving Jaws. This is done with the impact between rapidly moving beaters & the Particle. Due to the inertia, the energy of the rapidly moving beaters dissipating itself into The particles and reduces the size of the particles. Designed to grind virtually any Materials to produce a fine Particle sample in one operation. It is a Self-contained grinder, with Two Jaws having a planetary Movement in a Horizontal plane. Grinding is done between two Jaws one stationery and the other Revolving eccentrically at High speed. The Jaws are made of Manganese steel With the Help of a convenient hand wheel, the size of the final Product can be adjusted. This can be done Even while the machine is in Operation. A self-locking device holds the hinged grinding Chamber In place and Affords easy and quick access to it. For removal of ground samples and for cleaning. The Jaw Crusher has a capacity of reducing about half of a Kilogram of a quart's type Sample to 5-10mm in about a minute. The Jaw Crusher is fitted with 3 Phase 3 H.P. Motor attached With Gear Box Driven By Belt Pully System.

Sl. No.	Parameter	Variants
1	Application of Use	• To Medium grind Minerals & Ores
2	Auxiliary Supply	• 3 Phase, 440V AC, 50Hz.
3	Feed Size	• Up to 100mm
4	Finished Products Size	• 3 to 30mm
5	Yield	• 100Kg. / Hr.
6	Jaw Size & Material	• Height / Width-8"/6", Manganese Steel
7	Motor Capacity	• 5HP, 3 Phase

Ordering Information For Model Selection:-

LJC — [1] — [2] — [3] — [4] — [5]

Feed Size "80100" For 80 to 100 mm	Output Size "330" For 3 to 30mm	Motor Capacity "3P5HP" For 3 Phase 5 HP Motor	Jaw Size 6/8" For Width / Height-6/8"	Other Details If Any
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Example:-

LJC — [80100] — [330] — [3P5HP] — [6/8] — [SJ]

Feed Size "80100" For 80 to 100 mm	Output Size "330" For 3 to 30mm	Motor Capacity "3P5HP" For 3 Phase 5 HP Motor	Jaw Size 6/8" For Width / Height-6/8"	Other Details If Any
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* Due to continuous development & improvements in design, we reserve the right to change the specification without notice



SORAJ INSTRUMENTS & CONTROL ENTERPRISE

(An ISO 9001:2015 & 14001:2004 Certified & NSIC Approved Company)

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