

Jaw Crusher



For fast & effective primary reduction, directly from as large as 2" - 4" size to less than 1mm size of soft, brittle, hard and very hard materials.

Principle of Operation

Material (lump) to be Crushed is fed into the crushing zone through a hopper. The crushing zone consists of two parallel and two tapered jaws. One Jaw is provided with oscillatory motion, where as the other jaw is hinged to adjust the gap (to adjust output size) through an adjustable screw mechanism. Provision is made to extract the dust, If (vacuum) suction system is attached. **Feed Material** Materials having medium to substantially high hardness and brittleness like Bauxite, Bakelite, Concrete, geological ores, Ferroalloys, quartz, glass. Granite, silicates, cement clinker, slag, coal, coke, Corundum etc

Features

- Extremely fast & efficient primary crushing.
- Rigid & dust tight design.
- Size reduction from 50 -100mm to less than 5 mm .
- Jaw gap (setting output size) built in measurement scale.
- Interchangeable optional material of construction.
- Illuminated crushing zone to ensure the proper gap and cleaning of residue material.
- Start & Stop push button, overload protection for motor, switches for bulb and vacuum, Fault indication lamp are provided.
- One Year Warrantee against any manufacturing defects.

Optional Features:

- Dust extraction system
- Extra blade set of different material.



Specifications

MODEL NO.		FEED SIZE	OUT PUT SIZE	MATERIAL OF CONSTRUCTION OF JAW	POWER	WEIGHT & DIMENTIONS
IJC -1	1st Pass	Up to 65 mm (2½ inches)	1-10 mm	Mn Steel, hardened Crome Steel, Stainless Steel, lined Tungsten Carbide, Zirconium oxide	4 Pole, 6 Amp MCB (3 Phase + Neutral with earthing)A.C., 50/60 Hz, 440V, Motor - 0.75 kW (1 HP) 1440 RPM	Machine: 150 Kg 645x300x516mm Packed: 225 Kg 850x430x750 (Wooden Box)
	2nd Pass	Up to 10 mm	Less than 1 mm (Adjustable)			
IJC -2	1st Pass	Up to 100 mm (4 inches)	1-10 mm	Mn Steel, hardened Crome Steel, Stainless Steel, lined Tungsten Carbide, Zirconium oxide	4 Pole, 16 Amp MCB (3 Phase + Neutral with earthing)A.C., 50/60 Hz, 440V, Motor - 2.2 kW (3 HP) 1440 RPM	Machine: 350 Kg 1120x450x840mm Packed: 500 Kg 1325x663x1120 (Wooden Box)
	2nd Pass	Up to 10 mm	Less than 1 mm (Adjustable)			
IJC -3	1st Pass	Up to 150 mm (6 inches)	1-10 mm	Mn Steel, hardened Crome Steel, Stainless Steel, lined Tungsten Carbide, Zirconium oxide	4 Pole, 16 Amp MCB (3 Phase + Neutral with earthing)A.C., 50/60 Hz, 440V, Motor - 3.7 kW (5 HP) 1440 RPM	Machine: 500 Kg 1120x663x1120 mm Packed: 700 Kg 1325x870x1230(Wooden Box)
	2nd Pass	Up to 10 mm	Less than 1 mm (Adjustable)			