# **MB Lab Jaw Crushers**



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## **Description:**

The Morse Brothers (M/B) Jaw
Crushers are rugged, heavy duty
single toggle jaw crushers for either
laboratory use, or continuous small
scale production use. The jaw may
be adjusted to produce product
down to 1/4", by simple hand wheel
adjustment. The jaw and cheek
plates are made of heat treated 4140
alloy steel, which has a Brinnell
hardness of 460. The jaw plates are
corrugated, and reversible, which
tend to grab the material and
prevent 'floating' of the material in

the jaw opening. The overhead action provided by the carefully machined eccentric shaft produces a horizontal and downward movement to crush the material, and facilitate choke feeding as well.

#### **Construction:**

The M/B Jaw Crushers are equipped with heavy duty replaceable bronze bearing inserts in the pitman and the main frame. These rugged jaw crushers are constructed with a heavy cast alloy iron frame. All parts are carefully machined for durability and accurate fit. The jaw crushers are shipped furnished mounted on a tubular steel base and are furnished with TEFC motors, belt and fly wheel guards and feed hopper. Crushing rates will vary with the hardness and size distribution of the feed, however a capacity range is provided below for the M/B Jaw Crushers. Crushers are available for 230–460 V/3 Ph/60 Hz, 380 V/3 Ph/50 Hz or 575 V/3 Ph/60 Hz operation.

Catalog Number	Crusher Size	Max Feed Rate (lb/hr)	НР	Max Feed Size	Shipping Weight
010A-019	2-1/4 x 3- 1/2	500	1	11/2″	340
010A-020	4 x 6	1200	3	3"	600
010A-015	5 x 6	2500	5	4"	1300
010A-016	8 x 8	4000	10	6 1/2"	3200