



7x6 Hammermills

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LOCATIONS

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Description

Model 201XL 7 x 6 Hammermill

This hammermill has a 0.40 cubic foot capacity (~20 lbs) covered feed hopper with a manual feed control. The crusher housings are cast ductile iron that are hinged and latched for quick access. As a safety precaution, the latch sensor cuts all power if the stop button has not been actuated. The rotor swing hammers and all the 3/16" screen plates are heat treated and hardened. The rotor assemblies are reversible to extend hammer life. The screen plates all have round hole perforations. The unit comes with 2 containers; 10 pound and 35 pound capacities, that are sealed at the discharge spout while crushing. It also comes with 2 screen plates of the customer's choosing. A 2HP TEFC 230/460V/3/ 50-60 Hz motor and NEMA 12 magnetic starter are standard.

- The .40 cubic foot (20 pounds) capacity covered feed hopper has a gate for manual feed control.
- The cast ductile iron crusher housings are hinged and latched for quick access.

- The open latch sensor cuts all power if the stop button has not been actuated. Press the reset button before re-starting the machine.
- The rotor swing hammers and all 3/16 inch thick screen plates are heat treated and hardened.
- Rotor assemblies are reversible (end for end) for maximum hammer life.
- Screen plates all have round hole perforations. Stock perforations are 1/16", 3/32", 1/8", 3/16", 1/4", 3/8" and 1/2" diameters. Each unit comes with 2 screen plates to be selected by the customer.
- Two containers are furnished – 10 pound (4.5 KG) and 35 pound (16 KG) capacities. They are sealed at the discharge spout while crushing.
- A 2 H.P., T.E.F.C., 230/460 volt, 3 phase, 60 hertz motor and a Nema 12 magnetic starter are furnished. The starter provides overload protection for the motor and a 120 volt control circuit. About 10 feet of four conductor rubber covered cable is provided. Stock wiring is 230 volts, 3 phase, 60 HZ.
- The crusher is mounted on four 2 1/2" diameter casters.
- CAPACITY: 1000 pounds of coal per hour using a screen with 3/16" Dia. perforations; 500 pounds per hour using 1/16" Dia. perforations. Recommended for crushing 2 inch and small material.
- ROTOR SPEED: About 3450 R.P.M.
- Shipping Weight: 325 Lbs.

Catalog Number	Description
010D-004	7" x 6" 201 XL Hammermill (60 Hz)
010D-005	7" x 6" 201 XL Hammermill (50 Hz)

Hammermill, 10 x 15 For -6 Inch Feed



401 XL Hammermill

36" Wide x 39.5" Deep x 56" High

Description:

Holmes 10 x 15 Hammermill

The Holmes hammermills are light to medium duty impact reduction crushers designed for use with material no harder than a medium hard limestone (Mohs hardness of 5). These 10×15 hammermills have a capacity to reduce -6 inch material to minus 10 mesh at a rate of 2,500 lbs. per hour using a 3/16" screen plate. Using a larger screen plate of 3/8" will increase capacity to 4000 lbs. per hour reducing -6 inch material to -4 mesh.

- The covered feed hopper has a capacity of 1.6 cubic feet (70 pounds) and a manual

feed control gate.

- The cast ductile iron crusher housings are hinged and latched for quick access.
- The open latch sensor cuts all power.
- The rotor swing hammers and all 3/16" thick screen plates are heat treated and hardened.
- Rotor assemblies are reversible (end for end) for maximum hammer life.
- All screen plates have round hole perforations. Stock perforations are 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 3/4" and 1" diameters.
- The 1.5 cubic feet capacity container will hold about 70 pounds of coal. It is sealed to the discharge spout while crushing.
- A 7.5 H.P., T.E.F.C., 230/460volt, 3 phase, 60 hertz motor and Nema 12 magnetic starter are furnished. The starter provides a 120 volt control circuit and overload protection for the motor. About 10 feet of four conductor, rubber covered cable is furnished to connect to your power source.
- The crusher is mounted on four 4" diameter casters.
- CAPACITY: 4000 pounds per hour using a 3/8" Dia. perforated. screen plate; 2500 pounds using a 3/16" Dia. screen.
- ROTOR SPEED: 1260 R.P.M. interchange "V" pulleys – 2360 R.P.M.
- POWER REQUIREMENTS: Stock wiring is 230 volts, 3 phase, 60 hertz, 21 amps. Machine can be equipped for other electrical specifications and for hazardous locations.

- SOUND LEVEL: Empty – 75-77 dBA
- SHIPPING WEIGHT: 840 pounds (380 KG)

Catalog Number	Description
010D-002	401 XL, 7.5 HP 3 Ph/230-460 V/60 Hz
010D-003	451, Economy Model, 5 Hp 3 Ph/230-460 V/60 Hz, Does not include: motor starter, overload protection, cable, crusher enclosure, casters, throw back plate. (Items are std on 401XL)

Hammermill – Series G

**12 X 8 Hammermill
With Feed Hopper
And Stand**



Description:

The G Series hammermills are impact reduction crushers designed for material no harder than a medium hard limestone (Mohs hardness of 5). These hammermills feature heavy frame and housings, abrasive resistant liners, anti-friction bearings, doors for easy inspection of internal parts, easily replaceable hammers, easily replaceable discharge screens, and a variety of hammer types and screen sizes, with screen sizes down to 1/16 inch openings. Capacities shown are based upon 3 inch feed and product 100% -4 mesh. Optional equipment includes steel beam mounting base, motor, drive, guards, stand and hopper. Equipment is coated with primer and painted with one coat of enamel.

Rotary Assembly:

Our Technical Sales Engineers will help guide you in the proper selection of the right type of rotor for your reduction needs. The more popular industrial rotor and hammer combinations:

- (1) Chisel point hammers used for shredding wood and fibrous materials;
- (2) Rigid hammers for impact breaking;
- (3) T-Head or Bull-Head hammers used to smash and finally pulverize rock and minerals;
- (4) Ring hammers for slow speed granulation and control of fines

as required;

(5) Rotor with hammers removed. Note the bearing housings set well out from rotor and well removed from grinding chamber. Hot material can be readily handled.

(6) Rigid hammer rotor with 6 point hammers.

G-Series Hammermills feature LOCK DISC MOUNTING of hammer pins, bolts and rods gives you many advantages, prevents end play, prevents hammer end wear of pins, prevents damage to the housing (from broken cotters and worn pin nuts), allows replacements and changes to be made in 1/10th the time.

Catalog Number	Size	Dimensions (L x W x H)	Feed Opening	Capacity (Lbs/hr)	HP	Weight (Pounds)
010D-009	12 x 8	23" x 28.5" x 16"	8" x 8"	1,200	5	400
010D-010	12 x 12	47" x 29" x 34"	12" x 8"	2,000	7.5	550

For dust control, approximately 250 CFM of air is required. Capacities based on 3" feed, -4 mesh product. Maximum Particle size for crushers is 4 inches.