

# Meadows Mills, Inc.

*Mill Manufacturers Since 1902*



**#5, Bottom  
Discharge**



**#25, Fan  
Discharge**



**#35, Bottom  
Discharge**



**#65, Bottom  
Discharge**



**#85, Fan  
Discharge**

## Meadows Hammer Mills, "The Ultimate Utility Grinder"

If you have a material that must be quickly and efficiently ground into small pieces, or turned into powder, Meadows Mills has the machine: the Meadows Hammer Mill. Our mills are available in bottom discharge or fan discharge configurations, depending on the material you need to grind.

Our mills are also available in belt driven or direct driven configurations.

### What do you need to grind?

Our customers use Meadows Hammer Mills to grind grain, oyster shells, pottery shards, plastics, phone books, glass bottles, out-of-date cakes and bread, food wastes and many, many other materials.

### Custom Design is standard

As you see above, Meadows Hammer Mills come in a variety of sizes and configurations. Meadows will custom design a mill to fit your exact needs. We do all the work, which means you don't need to know a thing about hammer mills to get exactly the machine you need.

### Our Guarantee

Along with every mill, you get the Meadows guarantee of more for your money. Over 100 years of mill building experience means our mills are the best available for the money. Our mills will work continuously for many years with very low maintenance and are backed up by quick, reliable parts

service

## Meadows Mills Hammer Mill Technical Specifications

| ITEM  | Model 5          | Model 25                | Model 35              | Model 35F             | Model 65              | Model 85             |
|---|------------------|-------------------------|-----------------------|-----------------------|-----------------------|----------------------|
| Horse Power Required                            | 7-1/2 to 15      | 25 to 50                | 40 to 60              | 40 to 60              | 60 to 100             | 100 to 150           |
| Operating RPM                                   | 3,600            | 3,600                   | 3,600                 | 3,600                 | 3,600                 | 3,600                |
| Grinding Capacity in Lbs. per hour              | 400 to 1,200     | 1,000 to 3,000          | 2,000 to 5,000        | 2,000 to 5,000        | 4,000 to 8,000        | 4,000 to 10,000      |
| Screen Size, Width x Length                     | 9" x 17"         | 12" x 36"               | 15" x 37 1/4"         | 15" x 37 1/4"         | 20 1/2" x 37 1/4"     | 20 1/2" x 37 1/4"    |
| Hammers, Number Required                        | 24               | 16                      | 20                    | 20                    | 28                    | 28                   |
| Hammers, Size                                   | 4" x 1" x 3/16"  | 7" x 2" x 3/8"          | 7" x 2" x 3/8"        | 7" x 2" x 3/8"        | 7" x 2" x 3/8"        | 7" x 2" x 3/8"       |
| Size of Rotor Discs                             | 3 1/4" Square    | 10" Square              | 12" Round             | 12" Round             | 12" Round             | 12" Round            |
| Number of Rotor Discs                           | 23               | 17                      | 21                    | 21                    | 29                    | 29                   |
| Swing of Rotor with Hammers Extended            | 10"              | 22"                     | 22"                   | 22"                   | 22"                   | 22"                  |
| Main Bearing, Type                              | SXR 1" 2-bolt PB | RSAO 1 11/16" 2-bolt PB | RAO 2 3/16" 2-bolt PB | RAO 2 3/16" 2-bolt PB | RAO 2 3/16" 2-bolt PB | SAF 1616 (2 5/8") PB |
| Main Shaft, Diameter at Rotor                   | 1"               | 1 15/16"                | 2 5/8"                | 2 5/8"                | 2 5/8"                | 2 5/8"               |
| Main Shaft, Diameter at Bearing                 | 1"               | 1 11/16"                | 2 3/16"               | 2 3/16"               | 2 3/16"               | 2 5/8"               |
| Fan Wheel Diameter and Width                    | 9" x 2 3/4"      | 16" x 5"                | 16 1/2" x 6"          | 16 1/2" x 6"          | 18" x 6 1/2"          | 20 1/2" x 8 1/2"     |
| Fan Wheel, Number of Blades                     | 4                | 6                       | 6                     | 6                     | 6                     | 6                    |
| Fan Wheel, Bore and Construction                | 1", Cast Steel   | 1 11/16", Cast Steel    | 2 3/16", Cast Steel   | 2 3/16", Cast Steel   | 2 3/16", Cast Steel   | 2 5/8", Cast Steel   |
| Fan Discharge, Diameter                         | 4"               | 6"                      | 7"                    | 7"                    | 8"                    | 10"                  |
| Feed Opening, Width x Height                    | 9" x 6"          | 12" x 11"               | 15" x 11"             | 18 1/2" x 11"         | 20 1/2" x 11"         | 20 1/2" x 11"        |
| Crated Weight Mill With Motor, Bottom Discharge | 500              | 1,650                   | 1,900                 | 2,100                 | 2,850                 | 3,500                |
| Crated Weight Mill With Motor, Fan Discharge    | 600              | 1,750                   | 2,000                 | 2,200                 | 3,000                 | 3,800                |
| Permanent Magnet (Optional) Length              | 8 1/2"           | 11 3/8"                 | 12 1/2"               | 12 1/2"               | 17"                   | 18 1/2"              |