

Fractionating Aspirator

The Fractionating Aspirator is an impeller type aspirator that utilizes terminal velocity to separate light materials from heavy materials and partitions them into fractions. It can upgrade seedlots by separating seeds within same size classes into density gradients. Empty and partially filled seeds can sometimes be removed by fractionating aspirators, an efficient device for specific gravity separations. The unit provides adjustable, four stage, high pressure air aspiration for complete cleaning and separation. Ship wt: 170 lbs, Ship dims: 21" (L) x 35" (W) x 39" (H).



- Fractionating Aspirator, 110V, 60HzNo. FAT
- Fractionating Aspirator, 220V, 50Hz No. FAT/A

Seedburo "General" Seed Blower

The General Seed Blower is designed to handle a wide variety of seeds types. Small seeds like Rye grass and Fescue (up to 5 grams) require the small tube and the seed cup; low density seeds such as brome grass (5 grams) or wheat grass (10 grams) use the large tube and seed cup. Heavy seeds such as Argentine Bahia grass can also be blown successfully. An air-regulating gate used to control airflow will increase or decrease the flow of air in relation to each turn of the hand wheel, allowing for greater uniformity. A calibrated dial assists in air regulation. The air passes through a stainless steel perforated baffle after leaving the plenum. This evenly distributes the air before entering a converging cone on the underside of the screen in the seed cup. The cup is machined from a solid block of aluminum and incorporates a removable stainless steel wire mesh screen.



The Pyrex® tubes are permanently treated to resist static. The air supply fan is driven by a DC motor through an AC/DC converter which is wired for 115 Volt, 60Hz power source (optional 220 Volt, 50Hz). The cabinet unit is constructed of heavy gauge stainless steel. A digital timer is mounted on front of unit. **Seed Blower (less tube and cup):** Net wt: 38 lbs, Actual dims: 13" (L) x 15¾" (W) x 19½" (H), Ship wt: 46 lbs, Ship dims: 24" (L) x 22" (W) x 17" (H). **Large or small tube:** Ship wt: 9 lbs, Ship dims: 40" (L) x 16" (W) x 8" (H).

Seedblower with both small and large tube sets

- Seedblower with Large Tube Kit, 115V, 60Hz.....No. HMC67L/B
- Seedblower with Small Tube Kit, 115V, 60Hz No. HMC67S/B
- Seedblower with Large Tube Kit, 220V, 50/60HzNo. HMC67L/C
- Seedblower with Small Tube Kit, 220V, 50/60HZNo. HMC67S/C
- Large Tube Kit (3" Diameter), with Ring and CupNo. HMC-LTK
- Small Tube Kit (1½"), with Ring and Cup..... No. HMC-STK
- Domestic Packing..... No. HMC/DOM
- Export CratingNo. HMC/EX
- Tube Set PackingNo. HMCT/DOM

Hammer Mill

The High Volume Hammer Mill is perfect for large or small operations. This hammer mill pulverizes a large range of products. The most popular application for the hammer mill is to grind grains into a coarse flour to be fed to livestock. This model has a heavy duty cast iron and steel construction for tough and long lasting reliability. The top chamber tilts open for easy inspection, maintenance, sizing screens and changing screens. The rotor shaft is 1¾" dia. steel with regreasable flange-mounted bearings. The hammer mill comes standard with hardened, free swinging steel hammers that are reversible front to back and end to end for maximum utility. The hammer mill is mounted on a 16" inch tall mobal frame that makes the bottom discharge feature easy to install over a pail, pit or hopper and is completely open with a 6" inch by 6" inch throat opening for full and quick through-put. The mill also comes with one installed screen of your requested perforation size. Optional screen sizes are: ½", ¼", ⅜", ⅛", 3/16", 1/4", 3/8", 1/2" inch round perforation. Net wt: 290 lbs, Actual dims: 38" (L) x 29" (W) x 53" (H), Ship wt: 350 lbs, Ship dims: 45" (L) x 40" (W) x 45" (H).



Operating RPM	Motor Size	Floor Space	Bottom Discharge	Feed Opening	Hammers Required
3500-3800	2HP	38" (L) x 29" (W)	24" x 36"	6" x 6"	6" x 6½"

- High Volume Hammer Mill, 230V, 60Hz.....No. MILL-10