

# Gap Mill GM-D



Tangential Discharge

## Overview

The Bauermeister Gap Mill is a unique design for fine grinding down to the 25 µm size. The proven design features an adjustable grinding gap between the conical shaped rotor and a corrugated baffle. This combination delivers improved grinding performance and accurate particle sizing without screens. The conical shape of the rotor allows the mill to impact the product with increased tip speeds as the particles pass through the grinding area. This design allows the mill to grind particles finer in one pass where competitive mills often require internal recirculation to achieve the same results.

Product can discharge from the lower section by gravity within the air flow, where it can be pneumatically or for a low profile, tangentially. The reversible grinding elements on the rotor are u-shaped and cast from wear resistant alloys for increased durability.



Bottom Discharge

The Bauermeister Gap Mill is available in four production sizes. The medium diameter of the rotors are 200 mm, 400 mm, 800 mm and 1,200 mm. Depending on the product, capacities range from 20 lbs/hr up to 20,000 lbs/hr.

## Typical Applications

### Food Products

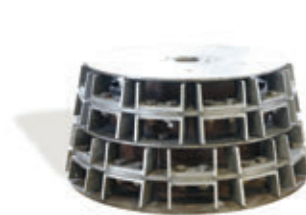
- Barley malt
- Candy Rework
- Compound Coatings
- Dextrose
- Gelatin
- Lactose
- Oats
- Psyllium
- Rice
- Soy
- Starch
- Sugar
- Sugar Substitute
- Wheat

### Non-Food

- Aluminum Hydroxide
- Aluminum Oxide
- Copper
- Gypsum
- Limestone

## Key Features

- Rotor rotation is reversible to extend use and minimize down time.
- U-shaped grinding elements are reversible to maximize usage.
- Grinding gap adjustable from 1mm to 5mm.
- Variable frequency drive available.
- State-of-the-art technology conforming to the latest safety standards (10 bar explosion pressure shock resistant and conform to 94/9 EC regulations)
- Constructed of carbon steel or stainless steel.
- Drive power from 10 Hp up to 250 Hp available.
- Low maintenance.
- Cold & Inert grinding is possible.



Rotor

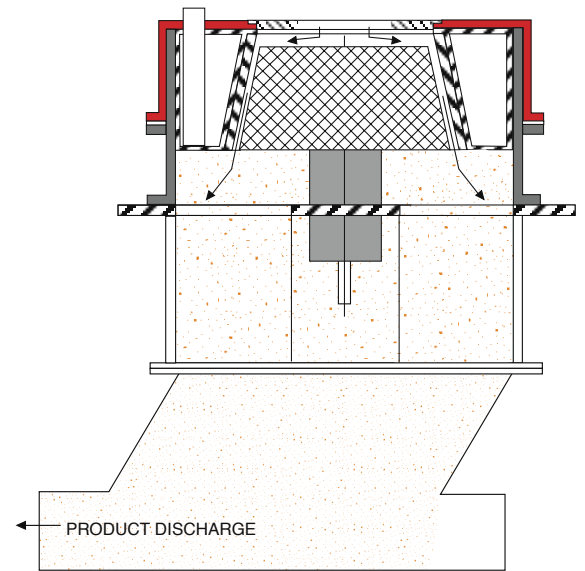
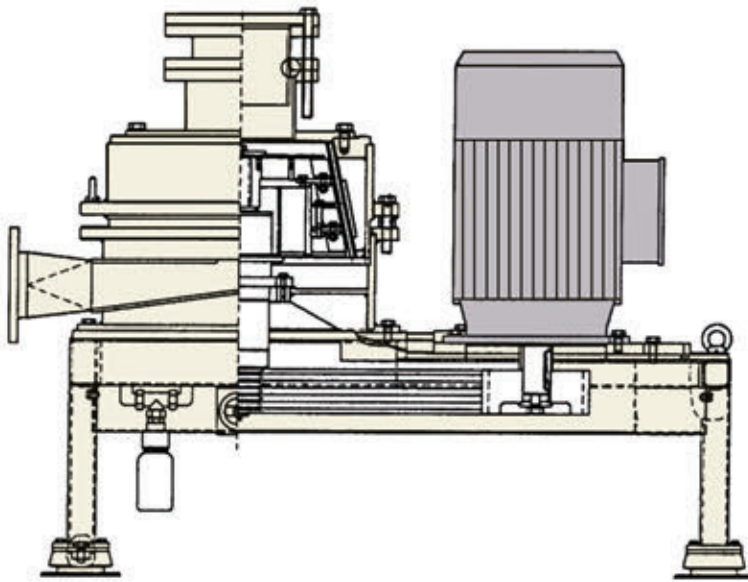


Stator



# Gap Mill GM-D

## Specifications



Motor HP	10 – 20	25 – 50	60 – 100	150 – 250
Weight Lbs.	1,400	2,200	4,500	12,000
Air Flow CFM	600	1,200	2,100	4,000



901-363-0921 • Fax 901-794-9679  
5100 Poplar Ave. • Suite 607 • Memphis, TN 38137  
[www.bauermeisterusa.com](http://www.bauermeisterusa.com) • [info@bauermeisterusa.com](mailto:info@bauermeisterusa.com)