

## Typical Performance

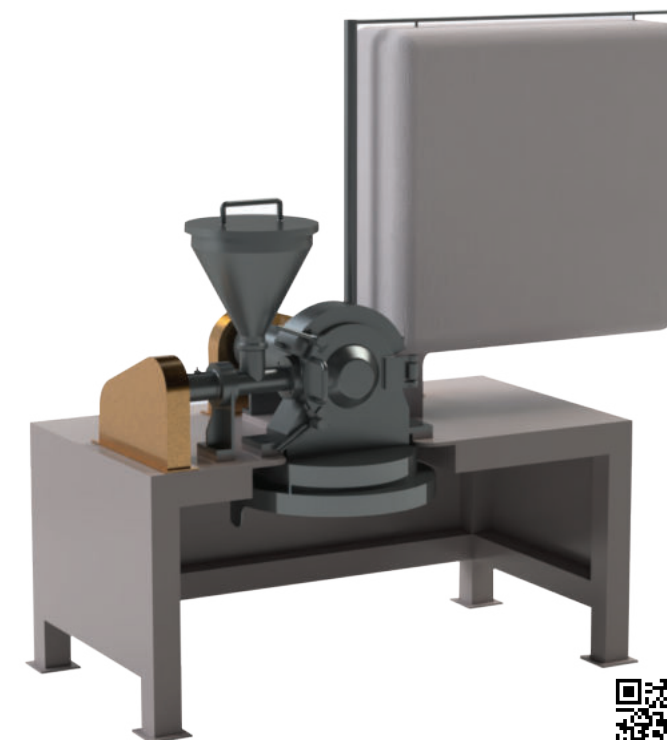
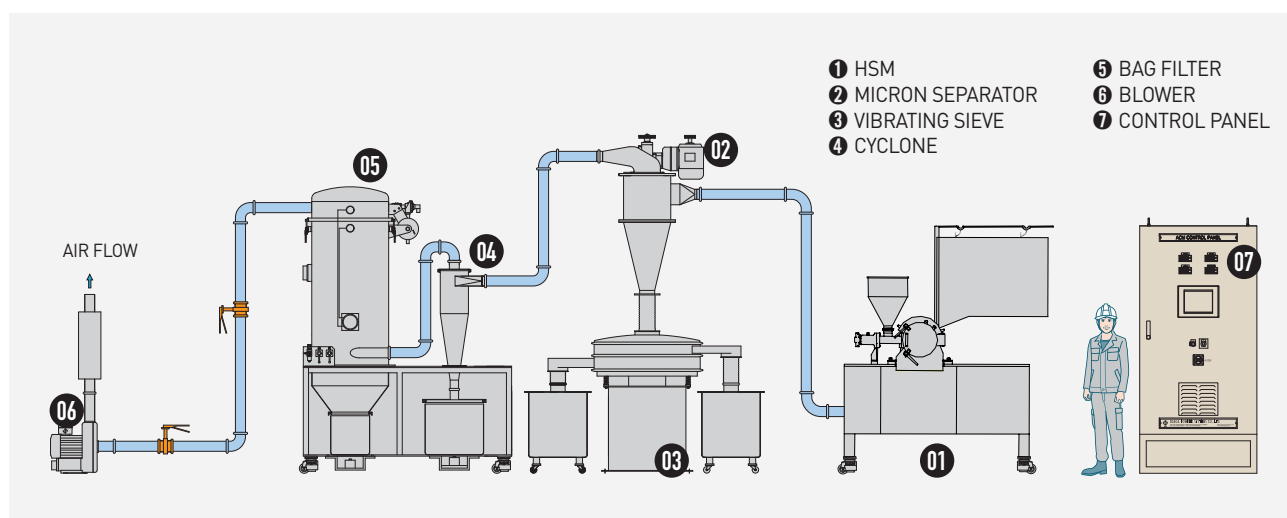
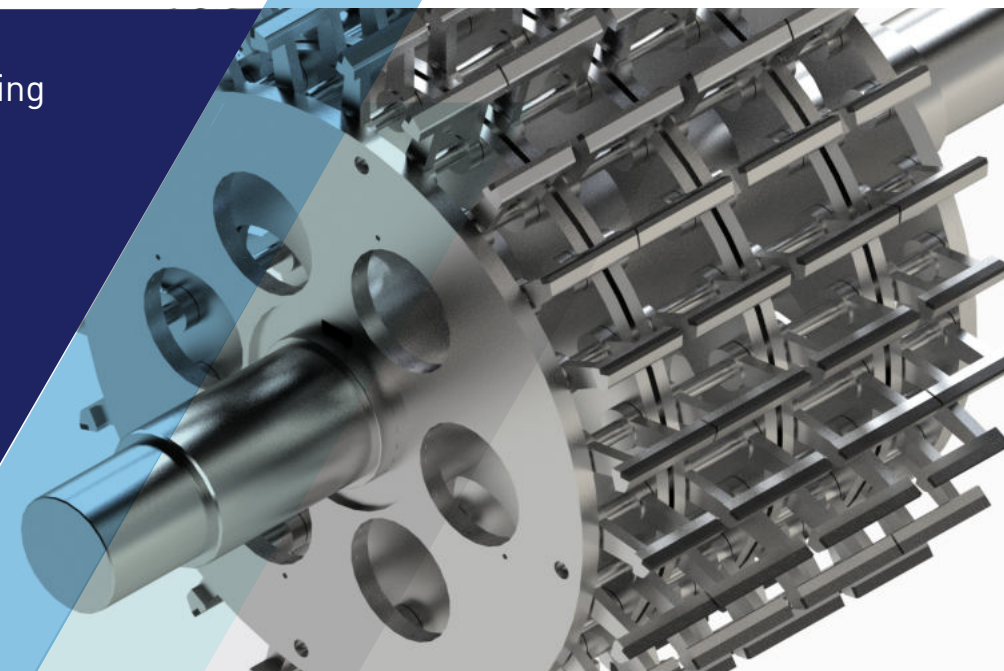
Pilot Test

Material	Model	Output	Capacity (kg/hr)
Iron oxide	DGHSM-2	1.95um (d80)	300
Pigment	DGHSM-2	46um (d95)	200
Kaolin	DGHSM-4	74um (d99)	1,900
Coal	DGHSM-2	140um (d95)	350
Corn, Maize	DGHSM-4	74um (d99)	5,000
Fish meal	DGHSM-2	173um (d90)	300
Cocoa	DGHSM-2	140um (d93)	800
Chalk	DGHSM-4	43um (d99)	2,700
Barley	DGHSM-2	140um (d95)	105
Caffeine	DGHSM-1	381um (d99)	190
Dried banana	DGHSM-2	140um (d97)	95
Activated carbon	DGHSM-2	61um (d95)	220
PVC	DGHSM-3	864um (d100)	90
Agricultural chemical	DGHSM-2	46um (d99)	300
Saw dust	DGHSM-2	140um (d62)	36
Limestone	DGHSM-2	140um (d99)	800
Sugar	DGHSM-2	46um (d98)	190
Job's tears	DGHSM-2	173um (d90)	100
Dried yeast	DGHSM-2	173um (d100)	120
Ceramic	DGHSM-2	43um (d95)	300

※Specifications and performance may vary depending on the raw materials and their characteristics.

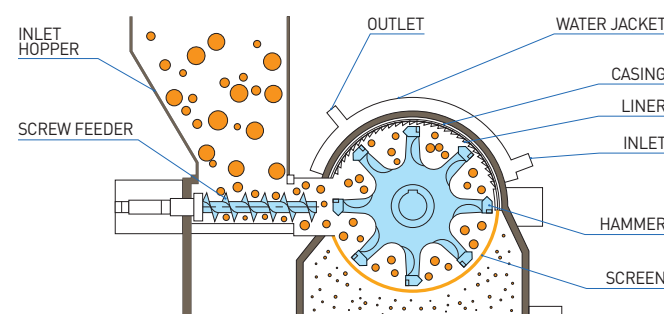
## High Speed Mill

Specially developed for grinding down to micrometer range, this can be done to easy cleaning and handling with good operating.



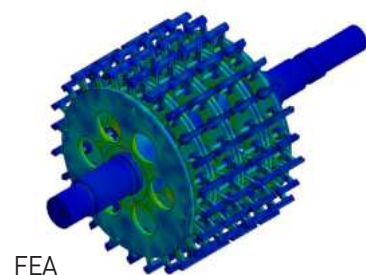
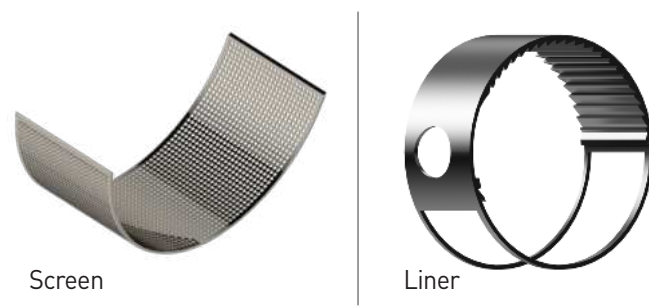
## Introduction

The High Speed Mill is an impact-type grinder in which impact force, friction force, compression force, and shear force are simultaneously performed between a hammer and a liner that are rotating at high speed. The size of the particle can be adjusted and determined by the shape and size of the screen, the spacing between the hammer and the liner, and the speed of the hammer. In the process of grinding, the raw material that was input in the hopper is transferred to the grinding room by a screw feeder. The raw material is repeatedly pulverized by the hammer and liner rotating at high speed. After the raw material is pulverized until it reaches to a predetermined size, the particle is discharged through the screen.



## Features

1. Processes large volume and can be operated consecutively.
2. Produces a particle size evenly and the size can be controlled.
3. Easy to operate.
4. Easy to disassemble and assemble and also easy to clean.
5. Durable and stand alone or plant facility is available.



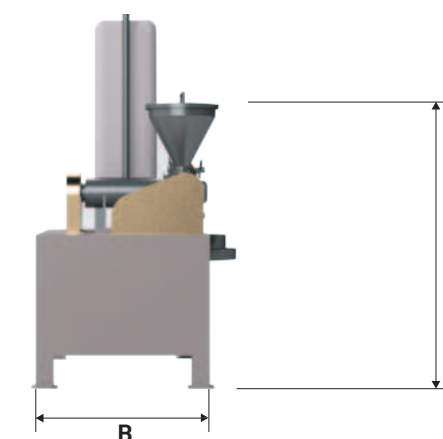
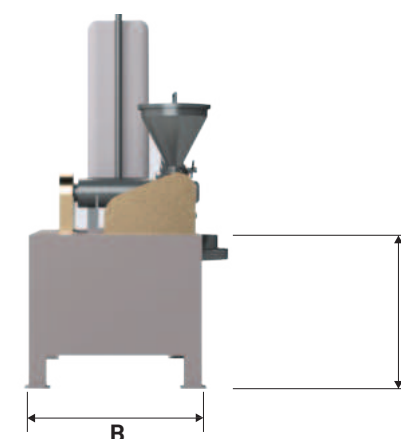
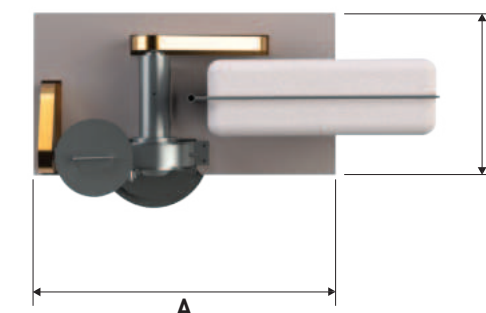
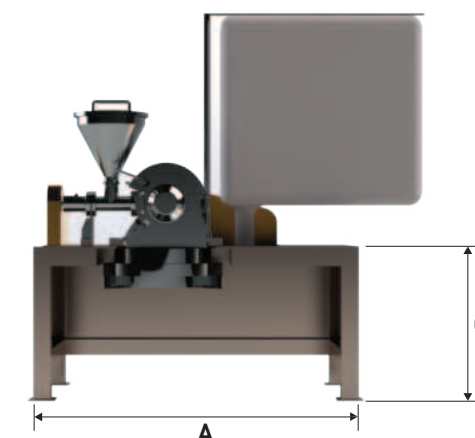
## Application

- Ceramics
- Cosmetics
- Foods
- Pharmaceuticals
- Pigment / Dye
- Ferrite
- Wide range industry with simple unit



# Standard Specifications & Dimensions

MODEL		DGHSM-1	DGHSM-2	DGHSM-3	DGHSM-4
Main Drive	MILL (HP)	7.5	15	50	75
	MILL SPEED (RPM)	7,800(MAX)	6,500(MAX)	4,700(MAX)	3,500(MAX)
	FEEDER (HP)	1	1	2	3
	FEEDER SPEED (RPM)	350(MAX)	170(MAX)	700(MAX)	540(MAX)
Air Flow Rate (m <sup>3</sup> /min)		6	10	20	40
Dimension	A	1,400	1,600	2,450	3,000
	B	800	1,000	1,250	1,500
	C	850	1,100	1,600	1,700
	D	1,400	2,200	2,700	2,900
Weight(kg)		250	600	1,500	2,000



\*Specifications and performance may vary depending on the raw materials and their characteristics.