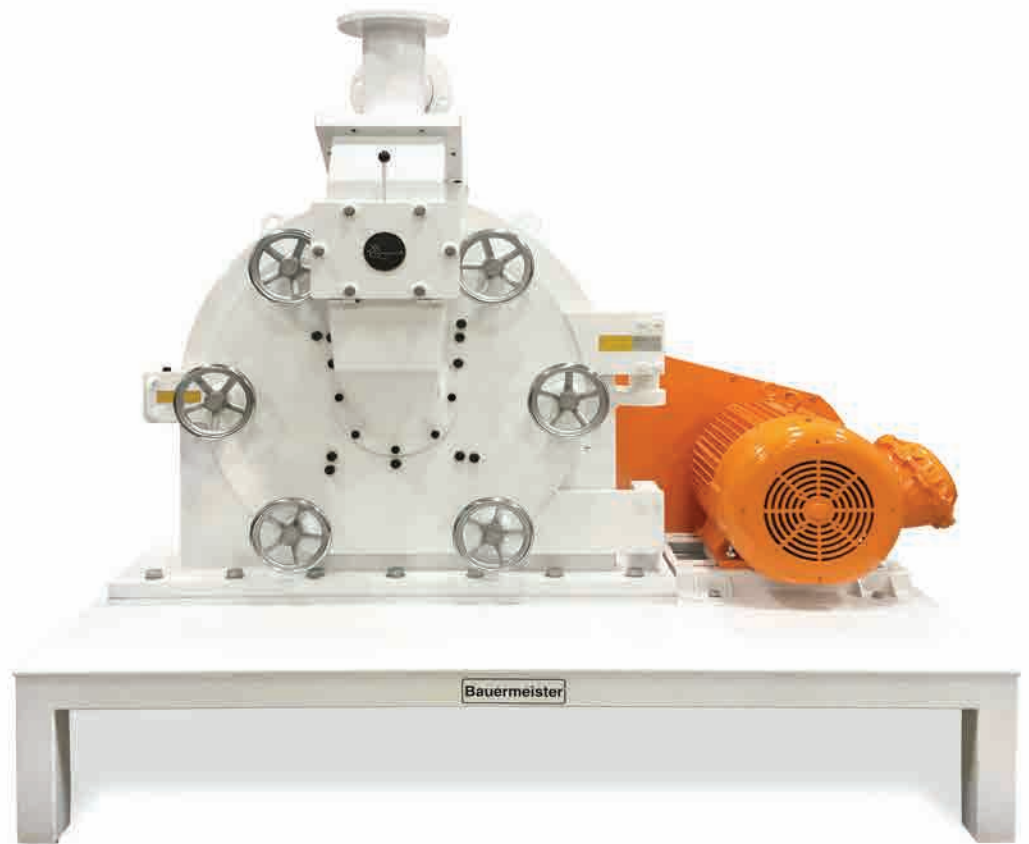




# UNIVERSAL MILL SERIES



# UNIVERSAL MILL

## UM-SERIES

Bauermeister grinding systems operate successfully for a wide range of applications for grinding soft to medium-hard materials up to a hardness of approx. 4 - 5 Mohs, such as sugar, gypsum, limestone etc.; the mills are characterised by:

- easily exchangeable grinding elements
- variable rotor speed
- 7 different sizes
- high reliability and sturdy mechanical design
- maintenance-friendly, high on-stream factor

### Options

- stainless steel design AISI 304 or 316 Ti
- cryogenic grinding
- automatic lubrication
- vibration monitoring
- air purged seal for overpressure operation

### Design

- welded structure explosion pressure shock resistant up to an overpressure of 10 bars
- EU guideline 94/9/EU - ATEX - compliant
- EU series certificate IBExU05ATEX1058 X
- Designed to avoid product collecting or clogging inside and outside the mill
- Bearing temperatures constantly monitored
- No contact between product and lubricant due to design of bearing system



Tools for the Universal Mill

### Technical Data

Universal Mill, Type UM	UM 0.3	UM 1.3	UM 2.3	UM3.3	UM 4.3	UM 5.4	UM 6.3
Capacity factor	1,0	1,8	3,2	4,9	7,3	11,0	20,4
Air volume max. m <sup>3</sup> /min	10	15	25	35	45	70	120
Motor max. kW	7,5	11	22	37	45	90	160

HDM-USA | Bauermeister, USA

5100 Poplar Ave | Suite 607 | Memphis, TN 38137 | USA

**P** +1 901 363 0921 **F** +1 901 794 9679

info.hdm-usa@h-d-m.com | www.BauermeisterUSA.com

