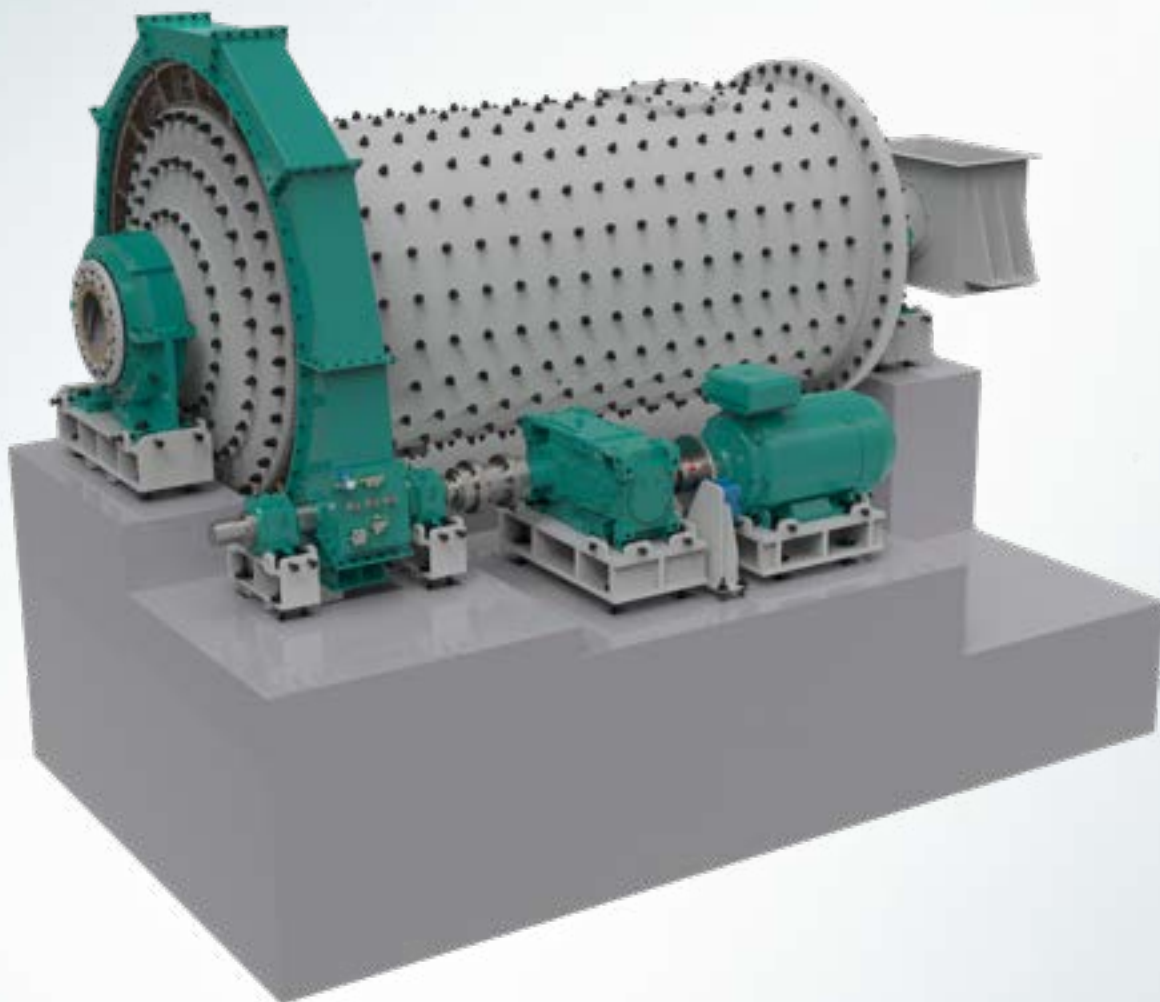


# NETZSCH

Proven Excellence.



## NETZSCH Ball Mill *TAURUS*

Ball Mill for Fine and Ultrafine Products

Business Unit  
GRINDING & DISPERSING

# NETZSCH Ball Mill *TAURUS*

*TAURUS* Ball Mill is the latest technology in mills using grinding media for comminution

A rotating robust steel drum with liners is supplying kinetic energy to grinding media inside the mill. These grinding media are crushing and grinding fresh product due to impact and friction. The lining as well as the grinding media can be made out of hard wear resistant high manganese/chromium steel, ceramic or silex. Besides these standard linings, other materials are available for special industries.

The *TAURUS* has several available configurations depending on the application and mill size. NETZSCH also carries an extensive selection of special grinding media to optimize the performance of the ball mill specific to the customer's requirements. Together with NETZSCH classifiers, the *TAURUS* provides a wide range of finenesses with top cuts down to  $d_{98} < 2 \mu\text{m}$  and up to  $300 \mu\text{m}$ .

Due to high manufacturing quality, a long life-time and a low maintenance are guaranteed.



## Benefits

- Wide fineness range between  $d_{98} < 2 \mu\text{m} - 300 \mu\text{m}$
- High capacities due to advanced design
- Long lifetime, low maintenance costs
- Trouble-free, reliable operation
- Tailor-made solutions available
- Lab Sizes available

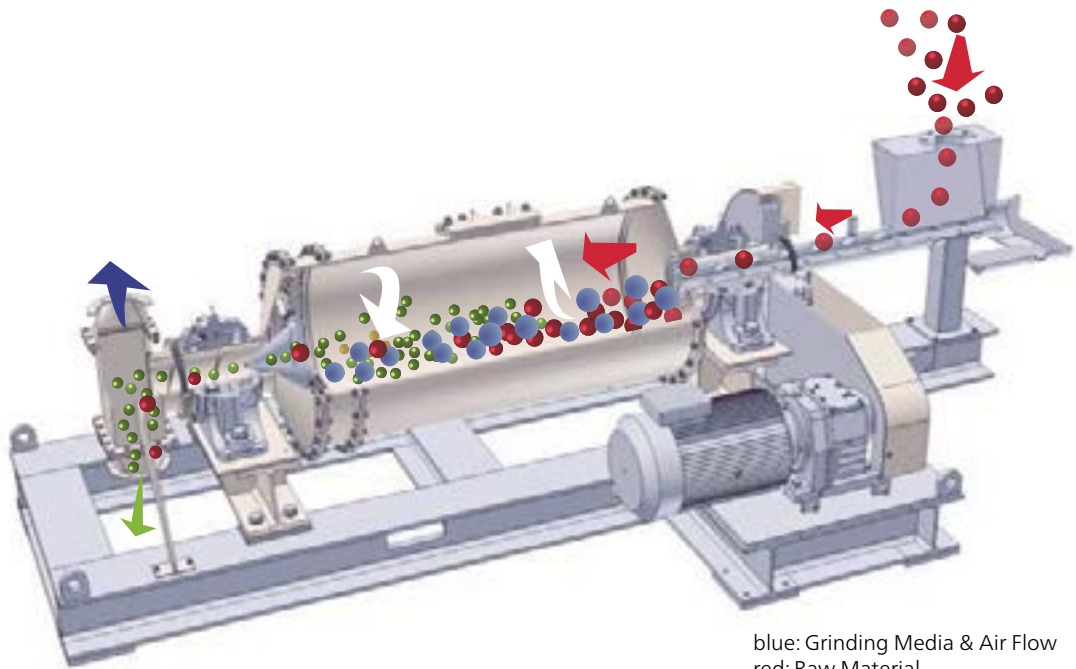


Taurus Diaphragm



Taurus 3.6 x 9.0, 2000 kW

## Operating Principle



blue: Grinding Media & Air Flow  
 red: Raw Material  
 green: Ground Product

## Technical Data

Taurus		1220	1830	2245	2445	2665	2860	3275	3870
Diameter	[m]	1.2	1.8	2.2	2.2	2.6	2.8	3.2	3.8
Length	[m]	2.0	3.0	4.5	4.5	6.5	6.0	7.5	7.0
Fresh Feedrate	[t/h]	0.1 - 1.0	0.7 - 7.0	1.7 - 17	2.0 - 20	4.0 - 40	5 - 50	5 - 40	5 - 40
Installed drive	[kW]	12 - 25	45 - 110	132 - 315	200 - 400	315 - 630	355 - 710	630	800
Fineness range	[ $\mu\text{m}$ ]	2 - 300	2 - 300	2 - 300	2 - 300	2 - 300	2 - 300	2 - 300	2 - 300

The owner-managed NETZSCH Group is a leading global technology company specializing in mechanical, plant and instrument engineering.

Under the management of Erich NETZSCH B.V. & Co. Holding KG, the company consists of the three business units Analyzing & Testing, Grinding & Dispersing and Pumps & Systems, which are geared towards specific industries and products. A worldwide sales and service network has guaranteed customer proximity and competent service since 1873.

# Proven Excellence.

## Business Unit Grinding & Dispersing – The World’s Leading Grinding Technology

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