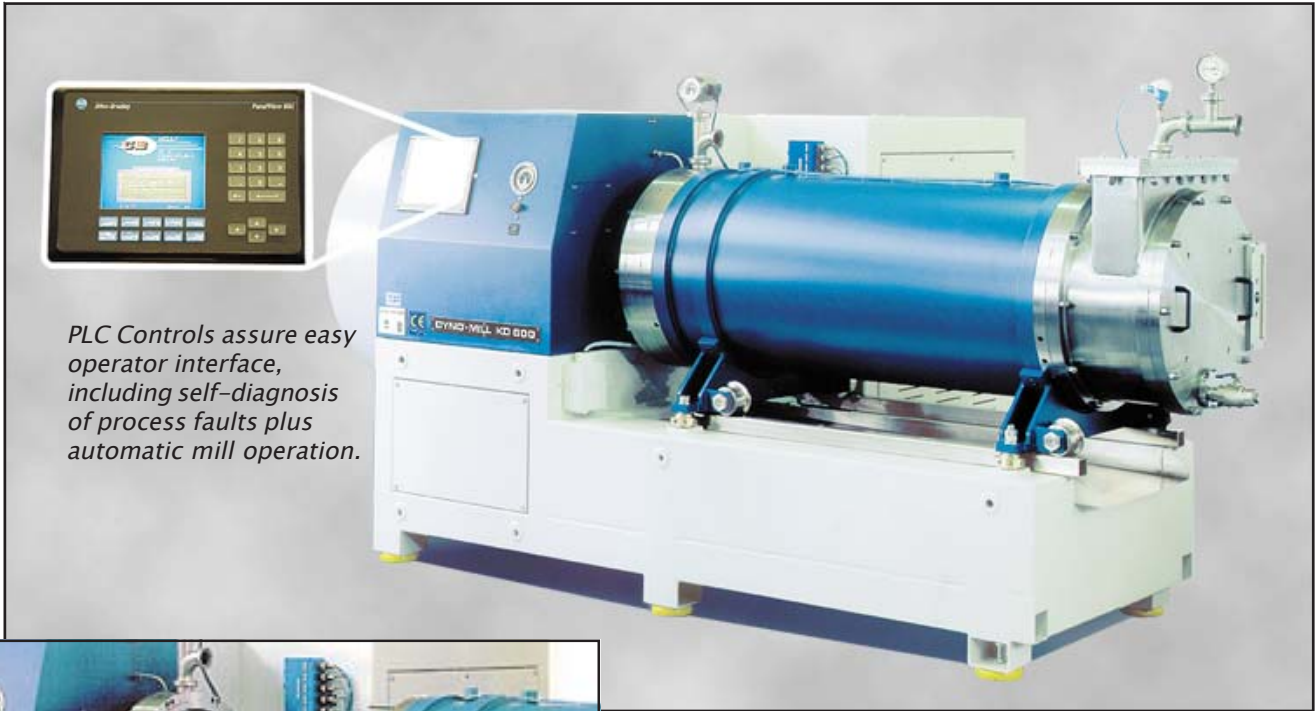
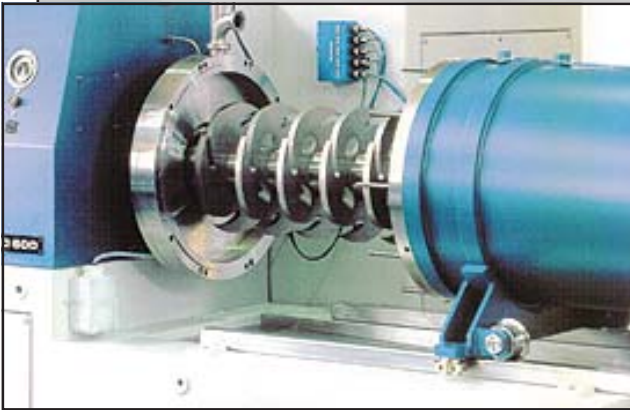


# DYNO<sup>®</sup>-Mill

## Model KD 600



*PLC Controls assure easy operator interface, including self-diagnosis of process faults plus automatic mill operation.*



Specially designed agitator discs for high and uniform energy density.

Grinding Container removable for easy maintenance.

The DYNO-MILL KD 600 is used for high volume dispersion and wet grinding in many industries.

### **Applications:**

- Coatings
- Pigment and Dyestuff Production
- Mineral Grinding
- Agricultural Chemicals

# CB Mills / DYNO-Mill Model KD 600

Motor	Grinding Media (mm)	Production Capacity	No. of Agitator Discs	Grinding Container Volume	Weight (approx.)	Dimensions (L x W x H)
300 HP	0.5-5.0	2,200 - 11,000 lbs. / Hr.	10	600 Liters	16,500 Lbs.	12' x 8' x 7'

*The DYNO®-Mill Type KD-600 may be used for the continuous dispersion and particle size reduction of liquid systems.*

<b>Applications:</b>	Used in the dispersions of fillers, paper coatings, paints, inks, agricultural chemicals, pigments, and dyestuffs.									
<b>Drive:</b>	Three-phase motor foot mounted, voltage available per application, 300 HP Chemical Service high-efficiency motor. V- belt drive for agitator peripheral speed 10 m/sec. Other speeds available.									
<b>Production Capacity:</b>	2,200 - 11,000 Lbs./Hr. The production capacity indicated is an average. Throughput rates may vary based on your product.									
<b>Shaft Seal:</b>	Pressurized cartridge-style double mechanical seal.									
<b>Separator:</b>	Stainless Steel Screen System. Slot size 0.2, 0.4 and 0.6 mm.									
<b>Grinding media:</b>	Various types from Silica Sand to Glass Beads to Steel Shot, etc. to achive your dispersion requirements; shipped from stock.									
<b>Controls:</b>	Available with <b>PLC</b> Process automation. Self-learning process controller that maximizes machine capabilities and performance.									
<b>Materials of Construction:</b>	Machine parts, that contact the product and subject to wear, are available in various materials such as hardened steel, stainless steel, hard chrome-plated stainless steel, polyurethane, or ceramic.									
<b>Connections:</b>	2" NPT product inlet, 2" NPT product discharge, 1" cooling water.									
<b>Temperature and Pressure Limits:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Product Temperature:</td> <td style="width: 33%;">40° - 250° F</td> <td style="width: 33%;">Pressure Cooling System: Max. 85 psi</td> </tr> <tr> <td>Pressure Grinding container:</td> <td>58 psi</td> <td>Cooling Water Quantity: 8.75 - 26 gpm</td> </tr> <tr> <td>Temp. Cooling System:</td> <td>50° - 175° F</td> <td></td> </tr> </table>	Product Temperature:	40° - 250° F	Pressure Cooling System: Max. 85 psi	Pressure Grinding container:	58 psi	Cooling Water Quantity: 8.75 - 26 gpm	Temp. Cooling System:	50° - 175° F	
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Temp. Cooling System:	50° - 175° F									

Appropriate pump and electrical controls available to meet your requirements.

The DYNO-Mill KD Series is designed to be used for continuous dispersion and wet fine grinding of solids in a liquid form. It is important that no uncontrolled reactions occur as a result of pressure, temperature, or milling action. Product should remain flowable after processing.

**SPECIFICATIONS AND TECHNICAL DATA SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.**

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*For additional information or to arrange for a demonstration, please contact us.*



DIVISION OF  
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