



Vibro-Energy Grinding Mills

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LOCATIONS

WEST COAST

718 N. Fries Avenue
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EAST COAST

3740 NW 124th Ave
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Description:

Vibro-Energy Grinding Mills are the most versatile line of mills available today for fast, low-cost particle size reduction to sub-micron range. Vibro-Energy grinding action achieves higher output per input horsepower; precise control of size and distribution. Product contamination from media and lining wear is virtually eliminated. Maintenance costs are low because of few moving parts and replaceable linings made of abrasion-resistant metal, ceramic or elastomers.

Vibro-Energy Mill's unique vibratory motion, coupled with the use of cylindrical media, allows a dense packing of the media bed assuring maximum media surface contact and minimum void area when operated under a low energy condition. Feed materials as large as 300 microns can be reduced to sub-micron sizes.

In the high energy configuration, feed materials as large as twelve inch agglomerates have been successfully milled and solid particles of a half inch are being reduced to a d50 of less than 5 microns.

The low energy condition (Low Amplitude Mills) is reserved for wet milling whereas the higher energy mode (High Amplitude Mills) can be used either wet or dry. The M-18 through M80 Series are Low Amplitude, designed for wet grinding. The DM Series of mills are high energy for wet or dry grinding.

Catalog Number	Description	Shipping Weight	Ship Volume
010E-170	M-18-5, 1-5 pints capacity	250 Lbs	27 CuFt
010E-171	M-18, 2.6 gallon capacity	250 Lbs	27 CuFt
010E-173	DM-1, 1.3 gallon capacity	230 Lbs,	27 CuFt
010E-172	M-45, 27 gallon capacity	2,200 Lbs.	150 CuFt
010E-174	DM-3, 4 gallon capacity	500 Lbs.	80 CuFt
010E-175	DM-10, 13 gallon capacity	1,100 Lbs.	125 CuFt

Dm-1 & M18 are available in 110 V-220 V/1 Ph; All other mills are 230, 460 or 380 V/3 Ph