

Model Y Cage Mill Grinder-Blender

- 1/2 to 40 tons per hr. capacities
- Low-profile modular design
- Economical operation - No hammers or screens to replace
- Quickly change from coarse to medium grind gradations

APPLICATIONS:

- Wet or dry materials
- Increasing or decreasing bulk density
- Combination grinding and blending
- Minimizing or maximizing fines



Open discharge chute eliminates plugging. Grinding method doesn't require screens.



Base frame designed for easy access to bearings and motors.

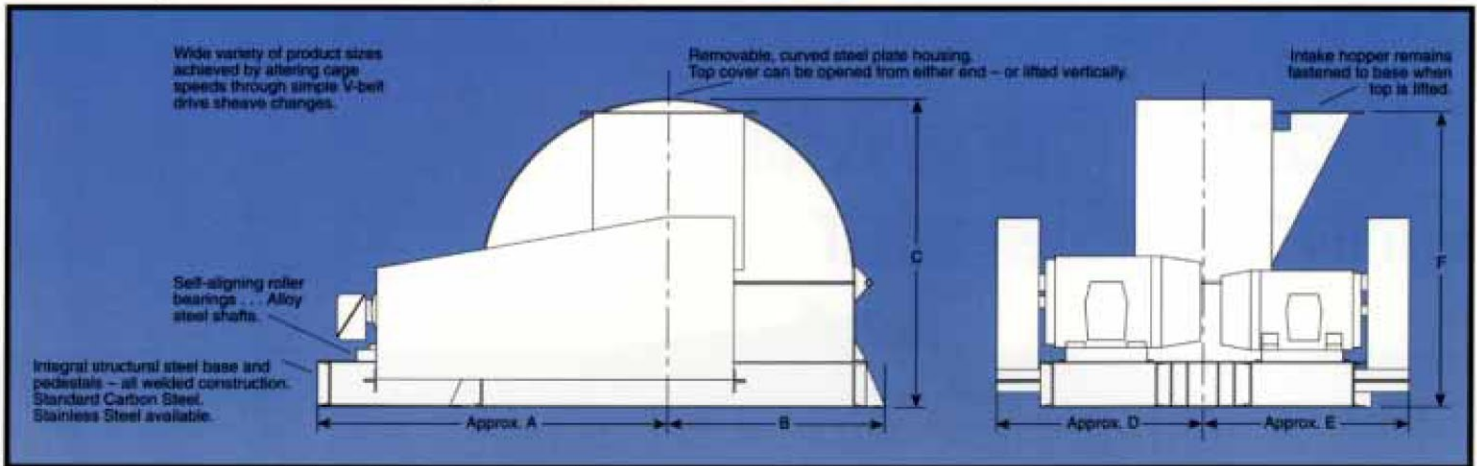


Integral feed chute directs material into center of counter rotating cages.



Easy particle size adjustment by replacing sheaves and V-belts.

Model Y Cage Mill Grinder-Blender Specifications¹



¹ Technical data subject to change without notice. All dimensions in inches unless otherwise noted. Caution: Do not use these dimensions for construction purposes.

SIZES	HORSEPOWER		SPEED RANGES-RPM		OVERALL DIMENSIONS Inches						WEIGHTS Pounds, Approx.	
	Small Cage	Large Cage	Small Cage	Large Cage	A	B	C	D	E	F	2 Row	4 Row
24"	3-7 1/2	5-10	200-1200	200-1000	50"	21 1/4"	32"	28 1/2"	28 1/2"	27 1/2"	1150	1300
30"	7 1/2-15	10-25	200-1100	200-900	56"	28"	42 1/8"	33 1/2"	33 1/2"	33"	1675	2000
42"	10-25	15-30	200-1000	200-800	66"	30 1/2"	55 1/8"	45"	45"	51 1/8"	2870	3400
48"	30-40	40-60	150-900	150-700	73"	42 1/4"	64 1/4"	55"	55"	50 1/8"	4350	5000
60"	50-60	75-100	150-700	150-575	82"	38 1/4"	72 1/4"	62 1/8"	62 1/8"	60"	6500	8000

Stedman's screenless, hammerless grinders are guaranteed to reduce your maintenance time and expense.

Model Y Cage Mills have no screens to rip or tear, no hammers to repair and an open discharge that won't plug. The Model Y is a selective crushing, controlled-impact, multi-cage mill, especially designed for sizing thousands of minerals and agglomerates, whole grains, chemicals, ores, etc. It is particularly suited to process wet and tacky, as well as dry materials into a carefully controlled, uniform particle size. The Model Y has all the advantages of a larger cage mill at a fraction of the cost.

Applications include:

- Reducing complex fertilizer oversize to 6 mesh and finer.
- Use as a combination grinder-blender for coals, ores, feeds and many similar materials where sizes range from 4 mesh to 20 mesh (two-row cage-mill for minimum fines; four-row for maximum fines).
- Increasing or decreasing bulk density of soaps, detergents, caustic soda, etc.
- Any crushing service where large capacity, high-yield and an exact product gradation — with more or less fines — is required.

CUSTOM SYSTEMS

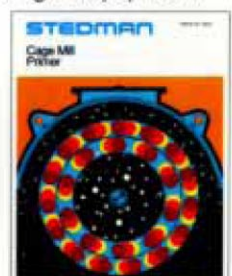
Complete full-size Test Plant for particle size reduction, processing & material handling system analysis

Full-scale testing: Crushing systems are available to process wet and tacky as well as dry materials, for particle sizes from -30 inches down to 200 mesh. Whether hard minerals, limestone, coal, metal or raw garbage, call us for one of our 10,000 application reports on file.

Computer process simulations: Available to produce screen and scalping area calculations, performance reports and flow diagrams.

Test before you buy: For a full-size equipment test in our laboratory, provide us with 200-300 lbs. of your feed material. We will help you select just the right equipment for your job. Call for further details.

Ask for your free copy of the "Cage Mill Primer" to answer all your questions about this unique grinding and blending machine.



Originator of the Cage Mill

SINCE 1834

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