



MODEL M ROLLER MILL For Medium-Duty Particle Reduction

The Model M Roller Mill from Seedburo is a scaled down version of the industrial mill, and is specifically designed for customers with easy-to-grind products and low tonnage requirements.

The Model M mills are commonly used for feeds and cereal grains, spices, nuts, plastics and various other applications. Ideally used to size reduce, clean, recover, recycle and classify materials.

The Model M mill has one to two pairs of smooth or corrugated (various patterns) rolls depending upon the application and commodity. As material flows between the counter-rotating rolls, it is cut, crushed or sheared without making unwanted fines. Units are available as either a single high with one pair of rolls or a double reduction two high, with one pair of rolls mounted on top of the other. Either style is available with a variety of roll corrugations and can be ordered with or without an inlet hopper. The 10" rolls are constructed of cast chilled iron combining high-hardness with high-compressive strength making the rolls extremely resistant to wear.

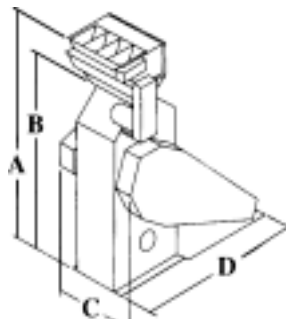
The mill uses the momentum created by a heavy, rotating cylinder to gently reduce the particulate to a desired size. The work done by the rolls, and the capacity of the mill, will depend on quality of the grain, speed of the rolls, differential speed, type of corrugations, pressure holding the rolls together, space between the rolls and the general operation of the mill.

MODEL M ROLLER MILL - ESTIMATED CAPACITIES

Model No. 1-HI Mill 2-HI Mill (Roll Size)	Motor HP Required*		Corrug.** Per Inch	Hi Moisture (70#/Bu)		Dry Corn (56#/Bu)		Milo (56#/Bu)		Wheat (60#/Bu)		Oats (37#/Bu)		Barley (50#/Bu)	
	1-HI	2-HI		Bu/Hr	Kg/min	Bu/hr	Kg/min	Bu/hr	Kg/min	Bu/hr	Kg/min	Bu/hr	Kg/min	Bu/hr	Kg/min
1M106 2M106 (10" x 6")	5	7.5	5a	180	95	200	84	--	--	--	--	--	--	--	--
			10b	--	--	80	34	80	34	50	21	60	25	50	21
			13c	--	--	50	21	53	22	36	15	42	18	36	15
1M1012 2M1012 (10" x 12")	7.5	10	5a	365	193	400	168	--	--	--	--	--	--	--	--
			10b	--	--	160	67	160	67	95	40	100	42	95	40
			13c	--	--	100	42	130	55	70	30	60	25	70	30
1M1018 2M1018 (10" x 18")	10	15	5a	545	288	600	252	--	--	--	--	--	--	--	--
			10b	--	--	240	100	240	100	130	55	140	60	130	55
			13c	--	--	150	63	200	84	65	27	85	36	65	27
1M1024 2M1024 (10" x 24")	15	20	5a	730	386	800	336	--	--	--	--	--	--	--	--
			10b	--	--	320	134	320	134	175	74	190	80	175	74
			13c	--	--	200	84	260	110	90	38	115	48	90	38
1M1030 2M1030 (10" x 30")	20	25	5a	910	481	1000	420	--	--	--	--	--	--	--	--
			10b	--	--	400	168	400	168	215	90	225	95	215	90
			13c	--	--	250	105	320	134	110	46	135	57	110	46
1M1036 2M1036 (10" x 36")	25	30	5a	1100	582	1200	504	--	--	--	--	--	--	--	--
			10b	--	--	480	202	480	202	235	100	250	105	235	100
			13c	--	--	300	126	390	164	120	51	150	63	120	51

* Wide range of power requirements available: 208, 230, 460, 575 Volt, 50 or 60 Hz., 1 or 3 Phase; **Call for Quote.** **a - 5 groove per inch corrugations are normally used for coarse cracking of corn.

**b - 10 groove per inch corrugations are normally used for processing a combination of grains on a single pair roller mill. **c - 13 groove per inch corrugations are normally used for small grains on a single pair roller mill and/or double reduction on a two pair high mill.



Model M Roller Mills - Net. Wt.

Roll Size	1-HI	2-HI
10" x 6"	900 lbs	--
10" x 12"	1200 lbs	2200 lbs
10" x 18"	1500 lbs	2900 lbs
10" x 24"	1800 lbs	3500 lbs
10" x 30"	2300 lbs	4200 lbs
10" x 36"	2500 lbs	4900 lbs

Model M Roller Mills - Dimensions (See Drawing)

Roll Size	A		B		C		D	
	1-HI	2-HI	1-HI	2-HI	1-HI	2-HI	1-HI	2-HI
10" x 6"	--	--	42"	--	28½"	--	54½"	--
10" x 12"	--	75 ½"	42"	60¼"	34½"	35½"	54½"	55"
10" x 18"	--	--	42"	60¼"	40½"	41½"	54½"	55"
10" x 24"	--	--	42"	60¼"	46½"	47½"	54½"	57"
10" x 30"	--	--	42"	60¼"	52½"	53½"	54½"	57"
10" x 36"	--	--	42"	60¼"	58½"	59½"	54½"	57"

"A" Dimension represents max. ht. of mill with 4-compartment proportioner package.

"B" Dimension represents max. ht. of mills without proportioner or hopper.