



H. C. DAVIS SONS Manufacturing Co., Inc.

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KRIMPER KRACKER ROLLER MILLS SINCE 1894

DAVIS ROLLER MILLS WILL COURSE CRIMP AND CRACK GRAINS FOR CATTLE, HORSE, SHEEP AND DAIRY FEED and are built in various sizes to suit your capacity needs. Our Mills offer HIGH CAPACITY with LOW POWER REQUIREMENTS.



Our Roller Mills have been used and recommended throughout the world for over 100 years. Take advantage of our experience.

Built to handle a variety of grains:

- CORN
- MILO/SORGHUM
- WHEAT
- OATS
- BARLEY
- SOYBEANS

Davis Roller Mills are offered with both loading and unloading augers to suit your specific application.

Contact our office for more information, pricing or free samples of whatever grain you plan to feed.

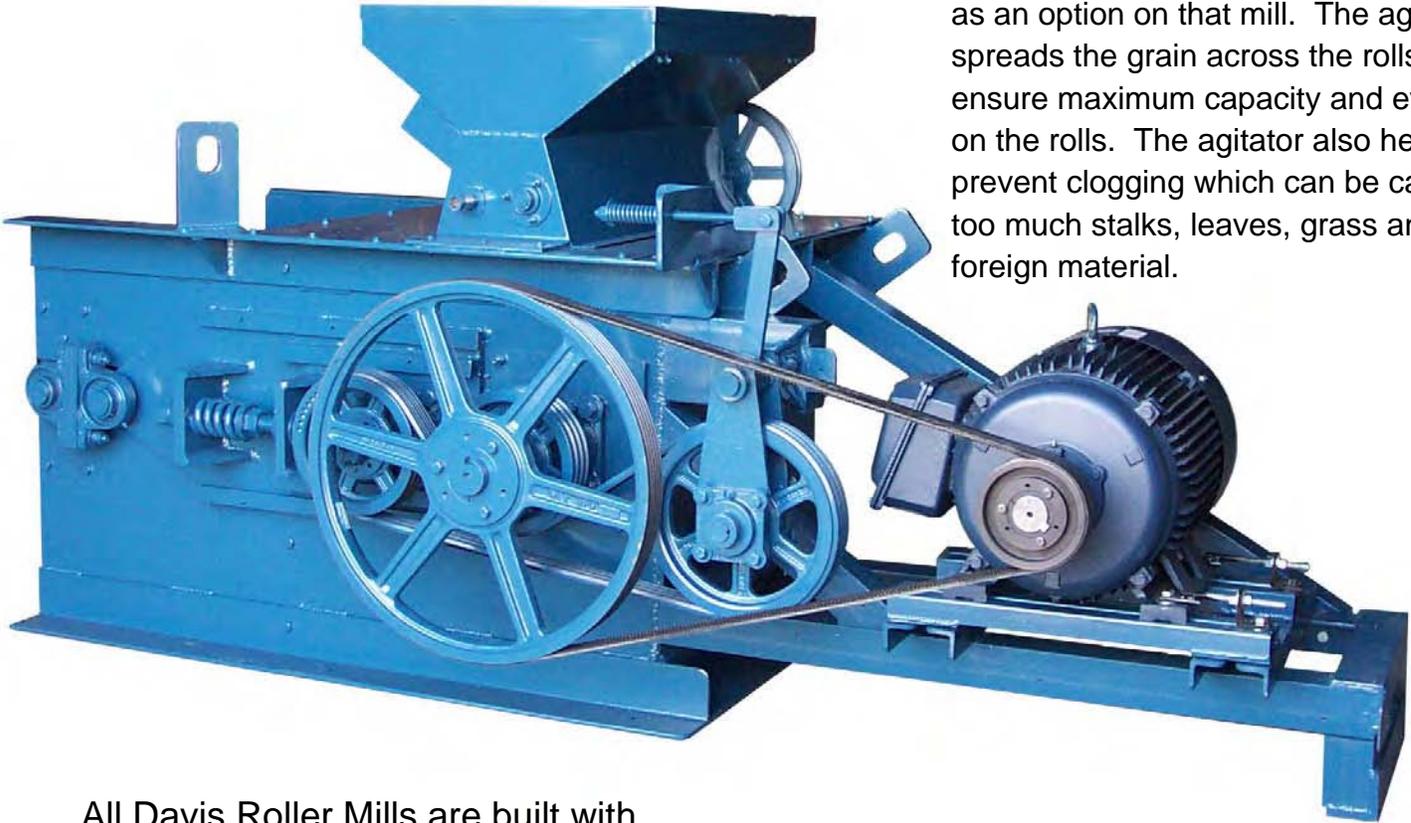


All Davis Roller mills can be ordered Trailer Mounted.

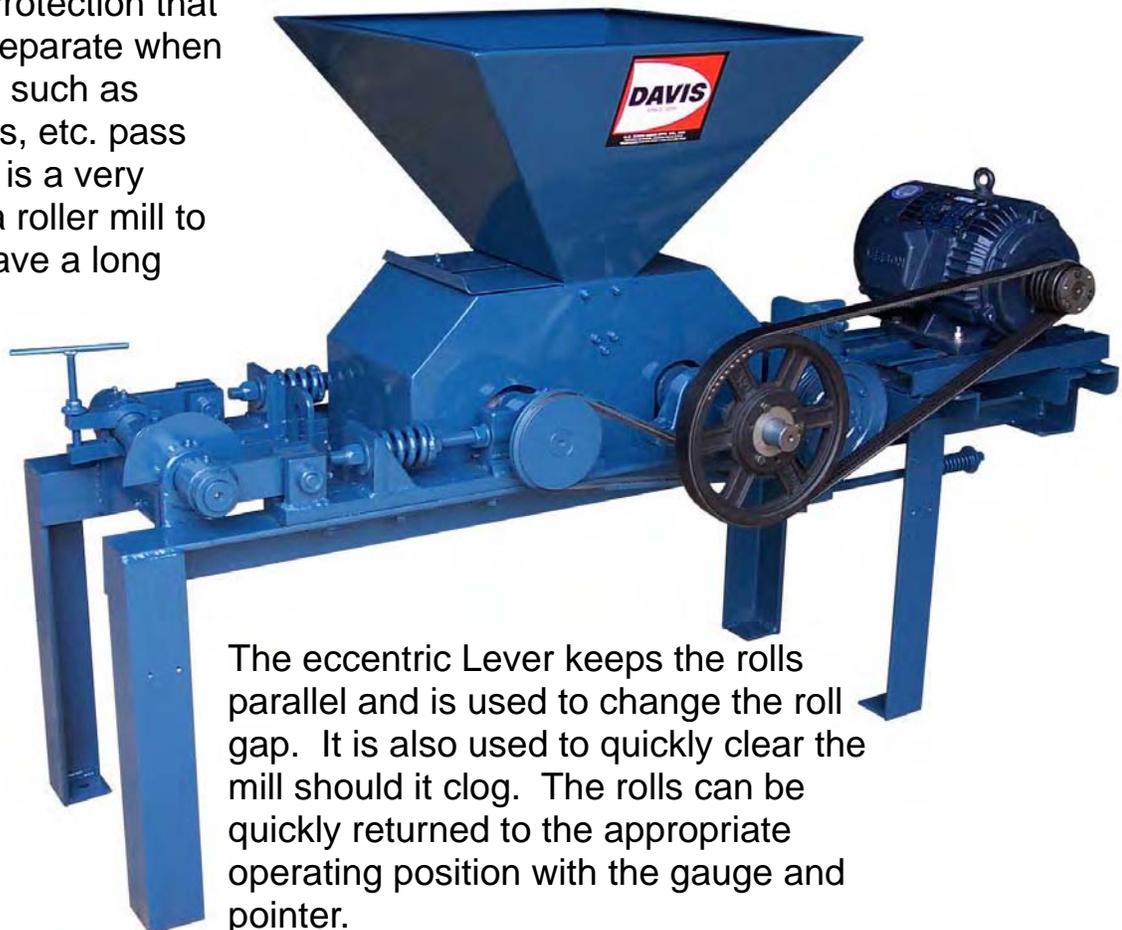
Model 200AP Portable Krimper Kracker Roller Mill including angle discharge auger powered by belt drive from the mill and loading auger powered by hydraulic motor. Portable Roller Mills are powered by P.T.O.



An Agitator Feeder is standard on all Davis Roller Mills except the 100A and is offered as an option on that mill. The agitator spreads the grain across the rolls evenly to ensure maximum capacity and even wear on the rolls. The agitator also helps prevent clogging which can be caused by too much stalks, leaves, grass and other foreign material.



All Davis Roller Mills are built with Spring Release Roll Protection that will allow the rolls to separate when hard foreign materials such as rocks, nuts, bolts, tools, etc. pass through the mill. This is a very important feature for a roller mill to have if it is going to have a long service life.



The eccentric Lever keeps the rolls parallel and is used to change the roll gap. It is also used to quickly clear the mill should it clog. The rolls can be quickly returned to the appropriate operating position with the gauge and pointer.



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Our 10" x 10", 10" x 20" and 12" x 30" rolls are alloy cast with a Brinell hardness of 400. They are cast with magnesium, chrome, molybdenum and iron. Tempering (flame hardening) which warps lower quality rolls, is not required. The rolls are thick enough to be re-corrugated 6 to 8 times before they must be replaced.



Our 12" x 36", 12" x 52" and 12" x 72" rolls are solid centrifugally cast alloy that are chilled during the casting process to develop a Rockwell hardness of 52 to 55.

Model	100A	200A	300A	400A	650A	800A	900A
Roll Size	10x10	10x20	10x20	12x30	12x36	12x52	12x72
Dimensions / Power Requirements / Weight of Mill							
Length	3' 2"	3' 8"	4' 0"	4' 6"	6' 0"	6' 2"	9' 6"
Width	2' 4"	3' 4"	3' 2"	4' 8"	5' 3"	6' 4"	9' 8"
Height	3' 3"	4' 0"	4' 2"	4' 8"	4' 6"	4' 8"	5' 10"
Leg Length	1' 5"	1' 10"	1' 0"	1' 2"	1' 2"	1' 2"	1' 2"
H.P. Required	5	10	10 or 15	30	40	50	75
Weight Of Mill Without Motor	700#	1,400#	1,900#	3,450#	4,000#	5,275#	7,350#
Capacities - Bushels Per Hour							
Corn: (6 Cut)	250 - 300	700 - 800	840 - 960	1,200 - 1,500	1,450 - 1,750	2,100 - 2,500	2,900 - 3,600
Corn: (12 Cut)	125 - 150	250 - 300	300 - 360	500 - 600	650 - 750	900 - 1,100	1,225 - 1,475
Milo: (12 Cut)	150 - 200	400 - 425	480 - 510	800 - 1,000	975 - 1,225	1,500 - 1,800	2,000 - 2,450
Oats and Wheat: (12 Cut)	100 - 125	200 - 225	240 - 270	350 - 400	400 - 450	525 - 625	750 - 900
Barley: (12 Cut)	75 - 100	175 - 200	210 - 240	300 - 350	350 - 420	500 - 575	700 - 825
Capacities - Pounds Per Hour *							
Corn: (6 Cut)	14,000 - 16,800	39,200 - 44,800	47,040 - 53,760	67,200 - 84,000	81,200 - 98,000	117,600 - 140,000	162,400 - 201,600
Corn: (12 Cut)	7,000 - 8,400	14,000 - 16,800	16,800 - 20,160	28,000 - 33,600	36,400 - 42,000	50,400 - 61,600	68,600 - 82,600
Milo: (12 Cut)	8,400 - 11,200	22,400 - 23,800	26,880 - 28,560	44,800 - 56,000	54,600 - 68,600	84,000 - 100,800	112,000 - 137,200
Oats: (12 Cut)	3,200 - 4,000	6,400 - 7,200	7,680 - 8,640	11,200 - 12,800	12,800 - 14,400	16,800 - 20,000	24,000 - 28,800
Wheat: (12 Cut)	6,000 - 7,500	12,000 - 13,500	14,400 - 16,200	21,000 - 24,000	24,000 - 27,000	31,500 - 37,500	45,000 - 54,000
Barley: (12 Cut)	3,600 - 4,800	8,400 - 9,600	10,080 - 11,520	14,400 - 16,800	16,800 - 20,160	24,000 - 27,600	33,600 - 39,600
Capacities - Tons Per Hour *							
Corn: (6 Cut)	7 - 8.4	19.6 - 22.4	23.5 - 26.9	33.6 - 42	40.6 - 49	58.8 - 70	81.2 - 100.8
Corn: (12 Cut)	3.5 - 4.2	7 - 8.4	8.4 - 10.1	14 - 16.8	18.2 - 21	25.2 - 30.8	34.3 - 41.3
Milo: (12 Cut)	4.2 - 5.6	11.2 - 11.9	13.4 - 14.3	22.4 - 28	27.3 - 34.3	42 - 50.4	56 - 68.6
Oats: (12 Cut)	1.6 - 2	3.2 - 3.6	3.8 - 4.3	5.6 - 6.4	6.4 - 7.2	8.4 - 50.4	12 - 14.4
Wheat: (12 Cut)	3 - 3.75	6 - 6.75	7.2 - 8.1	10.5 - 12	12 - 13.5	15.8 - 18.8	22.5 - 27
Barley: (12 Cut)	1.8 - 2.4	4.2 - 4.8	5 - 5.8	7.2 - 8.4	8.4 - 10.1	12 - 13.8	16.8 - 19.8

* Pounds per Hour Capacities assume weight of corn to be 56 pounds per bushel (45 #/ft³), milo to be 56 pounds per bushel (45 #/ft³), oats to be 32 pounds per bushel (26 #/ft³), wheat to be 60 pounds per bushel (48 #/ft³) and barley to be 48 pounds per bushel (39 #/ft³).