



H. C. Davis Sons

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Specifications and Capacities for DAVIS Single High Roller Mills

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#	3,000#	3,750#	5,000#	7,000#
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

* 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).