



Specification and Capacities for DAVIS Maximum Duty Mixers

All Davis Maximum Duty Mixers are furnished with our Paddle Agitator, Double Reduction Chain Drive, Complete V-Belt Drive, Motor Base and Cover with Hinged Section and Grate beneath. Limit Switch is attached to hinged section of cover. A full grate with limit switch can be furnished in place of cover.

Mixer's tank is made of 1/4" plate. Drive is based on operation of mixer with 1750 RPM motor. If different RPM motor is used we must be advised. Motor and starter not included. We will be pleased to quote upon request.

Model	MD2	MD3	MD5	MD10	MD20	MD30	MD40
Mixing Capacity:							
Cubic Feet	12	18	30	60	90	115	150
Cubic Yards	2/5	2/3	1.1	2.2	3.3	4.2	5.5
Cubic Meters	0.34	0.51	0.85	1.7	2.55	3.25	4.24
Gallons	90	135	225	450	675	862	1,125
Liters	339	509	849	1,699	2,548	3,256	4,247
Mixing Capacity In Pounds Based On Ingredients Averaging:							
150# per cu. ft.	1,800	2,700	4,500	9,000	13,500	17,200	22,500
140# per cu.ft.	1,600	2,500	4,200	8,400	12,600	16,100	21,000
130# per cu. ft.	1,500	2,300	3,900	7,800	11,700	14,900	19,500
120# per cu. ft.	1,400	2,100	3,600	7,200	10,800	13,800	18,000
110# per cu. ft.	1,300	1,900	3,300	6,600	9,900	12,600	16,500
150 pounds per cubic foot represent the maximum bulk density that our Maximum Duty Mixer is designed to process.							
H. P. Required	10	15	25	40	60	100	125
Tank Length	2' 6"	3' 9"	5' 5"	6' 8"	7' 6"	8' 4"	9' 6"
Tank Width	2' 6"	2' 6"	2' 8"	3' 5"	4' 0"	4' 3"	4' 6"
Tank Depth	3' 0"	3' 0"	3' 2"	3' 11"	4' 6"	5' 1"	5' 0"
Loading Height	3' 6"	3' 6"	3' 8"	4' 9"	5' 7"	6' 1"	6' 0"
Outlet Size	9x9"	9x9"	9x9"	14x16"	14x16"	14x16"	14x20"
Overall Length	4' 7"	5' 10"	7' 10"	9' 8"	11' 10"	14' 6"	15' 8"
Overall Width	4' 8"	4' 8"	5' 0"	6' 2"	7' 4"	8' 6"	8' 0"
Overall Height	4' 11"	5' 0"	5' 3"	6' 6"	7' 7"	8' 2"	8' 4"
Weight In Pounds	1,800	3,000	4,700	6,200	7,500	11,000	18,500

For Ingredients that weigh up to 35 pounds per cubic foot, our Standard Duty Mixers are required, between 35 to 50 pounds per cubic foot require our Heavy Duty Mixer while ingredients that weigh 50 to 70 pounds per cubic foot require our Super Duty Batch Mixer and material weighing 71 to 100 pounds per cubic foot requires our Ultimate Duty Mixer.

Questions, Comments about any of our products or this page please let us know! Info@HCDavis.com

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