



Specification and Capacities for DAVIS Heavy Duty Feed Mixers

All Davis Heavy 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 3/16" plate (HD100 and HD120 are made with 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	HD-2	HD-3	HD-5	HD-10	HD-20	HD-30	HD-40	HD-60	HD-80	HD-100	HD-120
Mixing Capacity:											
Cubic Feet	12	18	30	60	90	115	175	230	300	350	400
Cubic Yards	2/5	2/3	1.1	2.2	3.3	4.2	6.5	8.5	11.1	13	14.8
Cubic Meters	0.34	0.51	0.85	1.7	2.55	3.25	4.96	6.51	8.5	9.91	11.33
Gallons	90	135	225	450	675	862	1,309	1,721	2,244	2,618	2,992
Liters	339	509	849	1,699	2,548	3,256	4,956	6,513	8,495	9,911	11,327
Mixing Capacity In Pounds Based On Ingredients Averaging:											
35# per cu. ft.	420	630	1,050	2,100	3,150	4,020	6,120	8,050	10,500	12,250	14,000
40# per cu. ft.	480	720	1,200	2,400	3,600	4,600	7,000	9,200	12,000	14,000	16,000
40 pounds per cubic foot represent the maximum bulk density of feed that our Heavy Duty Feed Mixer is designed to process. The Heavy Duty Mixer can handle up to 20% liquid fat, oil or molasses.											
H.P. Required	2	3	5	15	20	25	40	40	50	75	100
Tank Length	2' 6"	3' 9"	5' 5"	6' 8"	7' 6"	8' 4"	9' 8"	10' 6"	11' 6"	12' 4"	12' 10"
Tank Width	2' 6"	2' 6"	2' 8"	3' 5"	4' 0"	4' 3"	4' 10"	5' 4"	5' 10"	6' 1"	6' 5"
Tank Depth	3' 0"	3' 0"	3' 2"	3' 11"	4' 6"	4' 9"	5' 4"	5' 10"	6' 4"	6' 7"	6' 11"
Loading Height	3' 6"	3' 6"	3' 8"	4' 5"	5'	5' 3"	5' 10"	6' 4"	6' 10"	7' 1"	7' 5"
Outlet Size	9x9"	9x9"	9x9"	14x16"	14x16"	14x16"	14x20"	14x20"	18x24"	24x26"	24x26"
Overall Length	4' 3"	5' 1"	7' 5"	8' 11"	9' 9"	10' 9"	12' 6"	13' 6"	15' 5"	16' 3"	17' 3"
Overall Width	3' 8"	3' 8"	3' 10"	4' 10"	5' 3"	5' 9"	6' 8"	7' 7"	8' 1"	8' 8"	9' 0"
Overall Height	4' 9"	4' 7"	5' 1"	5' 10"	6' 7"	6' 10"	7' 7"	8' 3"	8' 9"	9' 2"	9' 5"
Weight in Pounds	750	1,000	1,500	2,000	3,000	4,000	5,900	7,900	11,000	13,000	15,000

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