



Specification and Capacities for DAVIS Ultimate Soil Duty Mixers

All Davis Ultimate 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	UD-2	UD-3	UD-5	UD-10	UD-20	UD-30	UD-40	UD-60
Mixing Capacity:								
Cubic Yards	2/5	2/3	1.1	2.2	3.3	4.2	5.5	6.7
Cubic Feet	12	18	30	60	90	115	150	180
Cubic Meters	0.34	0.51	0.85	1.7	2.55	3.25	4.24	5.09
Gallons	90	135	225	450	675	862	1125	1350
Liters	339	509	849	1,699	2,548	3,256	4,247	5,096
Mixing Capacity In Pounds Based On Ingredients Averaging:								
100# per cu. ft.	1,200	1,800	3,000	6,000	9,000	11,500	15,000	18,000
90# per cu. ft.	1,080	1,620	2,700	5,400	8,100	10,350	13,500	16,200
80# per cu. ft.	960	1,440	2,400	4,800	7,200	9,200	12,000	14,400
75# per cu. ft.	900	1,350	2,250	4,500	6,750	8,620	11,250	13,500
100 pounds per cubic foot represent the maximum bulk density that our Ultimate Duty Mixer is designed to process. The Ultimate Duty Mixer can be used with up to 80% sand.								
H. P. Required	10	10	15	30	40	50	75	100
Tank Length	2' 6"	3' 9"	5' 5"	6' 8"	7' 6"	8' 4"	9' 6"	10'
Tank Width	2' 6"	2' 6"	2' 8"	3' 5"	4' 0"	4' 3"	4' 6"	4' 10"
Tank Depth	3' 0"	3' 0"	3' 2"	3' 11"	4' 6"	4' 9"	5' 0"	5' 4"
Loading Height	3' 6"	3' 6"	3' 8"	4' 5"	5' 0"	5' 3"	5' 6"	6' 9"
Outlet Size	9x9"	9x9"	9x9"	14x16"	14x16"	14x16"	14x20"	14x20"
Overall Length	4' 7"	5' 10"	7' 9"	9' 6"	10' 6"	12' 4"	13' 6"	16' 1"
Overall Width	4' 8"	4' 8"	4' 11"	5' 7"	6' 4"	7' 0"	7' 6"	8' 11"
Overall Height	4' 11"	4' 11"	5' 2"	6' 3"	6' 11"	7' 2"	7' 4"	8' 9"
Weight In Pounds	1,600	1,900	3,100	4,750	6,300	7,500	10,300	13,000

For ingredients which weigh up to 35 pounds per cubic foot, our Standard Duty Mixers are required, 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. Material weighing 100 to 150 pounds per cubic foot requires our Maximum Duty Mixer.

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

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