

Single Shaft Mixer



Improve your process with a Scott Single Shaft Mixer

Durably constructed in carbon or stainless steel, Scott mixers ensure the accurate mixing of all products, from fine powdered materials to texturized ingredients. All Scott mixers are custom-built to meet each application's requirements effectively.

- Agitators allow for an efficient and high-quality dry mix time of 90-120 seconds with a low coefficient of variation.
- Main shafts are constructed of solid and heavy steel tubing, providing high strength and extended service life.
- Scott surge hoppers hold the complete batch and provide a fast, efficient clean-out between batches.
- Ribbon flighting and support posts are reinforced, and back straps and gussets are used for added durability.
- Optional high-pressure steam or water jackets for heating or cooling applications
- Drive components are supplied with a minimum of an AGMA Class II service rating.
- A VFD (Variable Frequency Drive) or fluid coupling can be supplied for starting the mixer under load.
- Surge conveyors and extensions can be designed to include an incline section with angles up to 45°
- Gate options include single, double, full and triple air actuated slide gates. Specially designed discharge systems are also available to meet custom requirements



Agitator designs include paddle/paddle, paddle/ribbon, ribbon/ribbon, modified paddle/ribbon, and high-efficiency ribbon design.



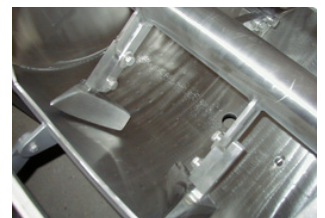
Ribbon/Ribbon



Paddle/Ribbon



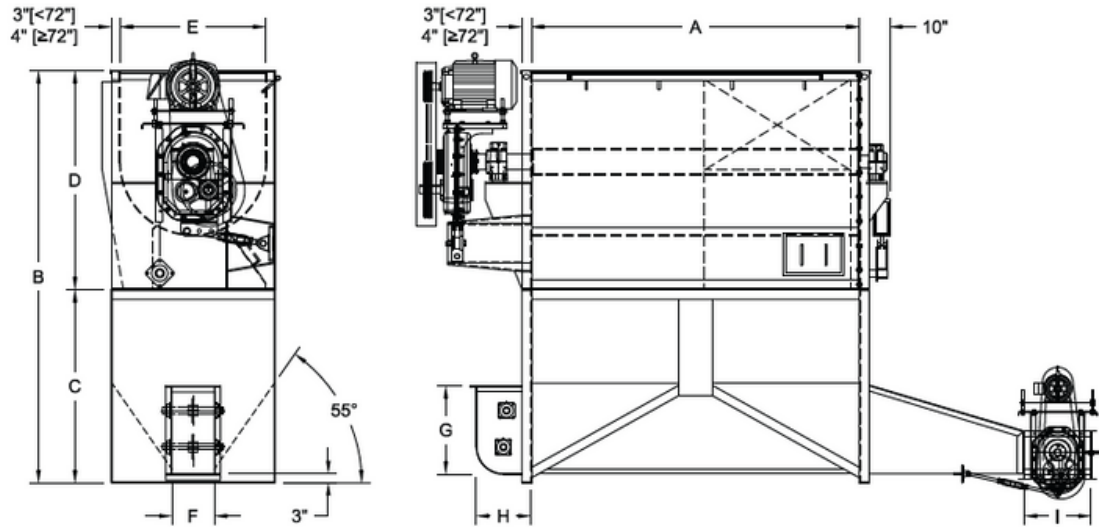
Paddle/Paddle



Plow Mixer



Innovative solutions for your processing challenges



Our standard size Single Shaft Mixers include:

Single Shaft Mixer Dimension Chart																							
		Swept Vol Capacity		Surge Hopper Capacity		A		B		C		D		E		F		G		H		I	
MODEL	SIZE	ft3	m3	ft3	m3	IN	CM	IN	CM	IN	CM	IN	CM	IN	CM	IN	CM	IN	CM	IN	CM	IN	CM
HMA486	48 X 72	75	2.1	98	2.8	72.0	182.8	136	345.4	64	162.5	72	182.8	48	121.9	8	20.3	26	66	14	35.6	18	45.7
HMA488	48 X 96	100	2.8	130	3.7	96.0	243.8	136	345.4	64	162.5	72	182.8	48	121.9	8	20.3	26	66	14	35.6	18	45.7
HMA4810	48 X 120	125	3.5	164	4.6	120.0	304.8	136	345.4	64	162.5	72	182.8	48	121.9	8	20.3	26	66	14	35.6	18	45.7
HMA548	54 X 96	127	3.6	168	4.8	96.0	243.8	150	381.0	72	182.8	78	198.1	54	137.1	10	25.4	26	66	14	35.6	18	45.7
HMA5410	54 X 120	159	4.5	210	5.9	120.0	304.8	150	381.0	72	182.8	78	198.1	54	137.1	10	25.4	26	66	14	35.6	18	45.7
HMA5412	54 X 144	190	5.4	253	7.2	144.0	365.7	150	381.0	72	182.8	78	198.1	54	137.1	12	30.4	30	76.2	18	45.7	22	55.8
HMA6010	60 X 120	196	5.5	264	7.5	120.0	304.8	164	416.5	80	203.2	84	213.3	60	167.6	12	30.4	30	76.2	18	45.7	22	55.8
HMA6011	60 X 132	216	6.1	290	8.2	132.0	335.3	164	416.5	80	203.2	84	213.3	60	167.6	12	30.4	30	76.2	18	45.7	22	55.8
HMA6012	60 X 144	235	6.6	316	8.9	144.0	365.7	164	416.5	80	203.2	84	213.3	60	167.6	12	30.4	30	76.2	18	45.7	22	55.8
HMA6612	66 X 144	285	8.1	380	10.8	144.0	365.7	183	464.8	85	215.9	98	248.9	66	167.6	14	35.5	30	76.2	18	45.7	22	55.8
HMA7212	74 X 144	339	9.6	471	13.3	144.0	365.7	202	513.1	96	243.8	106	269.2	72	182.8	18	45.7	39	99.1	24	60.9	30	76.2
HMA7812	78 X 144	398	11.3	549	15.5	144.0	365.7	212	538.4	100	254.0	112	284.4	78	198.1	18	45.7	39	99.1	24	60.9	30	76.2
HMA7814	78 X 168	465	13.2	641	18.1	168.0	426.7	212	538.4	100	254.0	112	284.4	78	198.1	18	45.7	39	99.1	24	60.9	30	76.2
HMA8412	84 X 144	461	13.1	600	17	144.0	365.7	222	563.8	104	264.1	118	299.7	84	243.8	24	60.9	39	99.1	24	60.9	30	76.2
HMA8414	84 X 168	538	15.2	700	19.8	168.0	426.7	222	563.8	104	254.1	118	299.7	84	243.8	24	60.9	39	99.1	24	60.9	30	76.2
HMA8415	84 X 180	577	16.3	750	21.2	180.0	457.2	222	563.8	104	264.1	118	299.7	84	213.3	24	60.9	39	99.1	24	60.9	30	76.2
HMA9616	96 X 192	804	22.8	1042	29.5	192.0	487.7	244	619.7	120	304.8	130	330.2	96	243.8	24	60.9	39	99.1	24	60.9	30	76.2

*Available sizes available

Customize your equipment by contacting us:

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