



Models

THM-SS
600lb to 3400lb
Mixing Capacity

topos[®]



Single Sigma Open Frame Mixer

Topos Mondial can offer a Single Sigma, "Open Frame," Sanitary Designed, 110 degree overtilt horizontal mixer (SSOFHM). These mixers are being offered in several sizes from 600 lb through to 3400 lb. The bowl resembles a single sigma agitator design. The reinforced mixing bowl, bowl canopy, main shaft, and single sigma agitator are all solid stainless steel. The mixer frames can also be made using mild steel coated in 'STEEL IT' or from all stainless steel.

The mixing controls can be custom built to meet your exact mixing needs. VFD controls with a dynamic brake are standard for mixing versatility. The heavy duty "Hytos" hydraulic bowl tilting package is easily accessible under the stainless steel lift-off cover. Easy maintenance, heavy duty construction and super sanitary design are its trademarks.



Standard Features

The reinforced mixing bowl, bowl canopy, main shaft, and single/double sigma agitator are all solid S/S.

All S/S NEMA 4x electrical control enclosure is built to suit with timers and relay logic or with PLC and Panelview controls.

The optional bowl jacket is insulated and covered with a sanitary welded S/S cover.

Available in Nominal Sizes for 600 lbs through 3400 lbs of mixing.

The agitator design is a proven single sigma configuration.

Direct drive, high efficiency, gearmotor drive.

The 110 degree overtilt horizontal mixer bowl is standard. Other overtilt angles are also available.

Hydraulic package is covered with a lift-off S/S cover and includes the manual pump option.

“Open Frame”
Sanitary Design for fast and easy cleaning.

The mixer frames can also be made using mild steel coated in ‘STEEL IT’ or from solid stainless steel.

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Options and Accessories



Mixer operator control stations can be designed and built to meet the exact needs of the mixing process.

Front bowl edge pouring lips can be fabricated in various lengths and angles to achieve the best dough transfer needed.



Bulk dry ingredient openings can be slide gate or butterfly style as desired.

Liquid ingredient inlets of all sizes can be added to suit. ▼

Manual Ingredient inlet openings can be designed and fabricated to meet exact needs.



Bowl overtilt angles can be from 90 to 160 degrees to accommodate exact needs.



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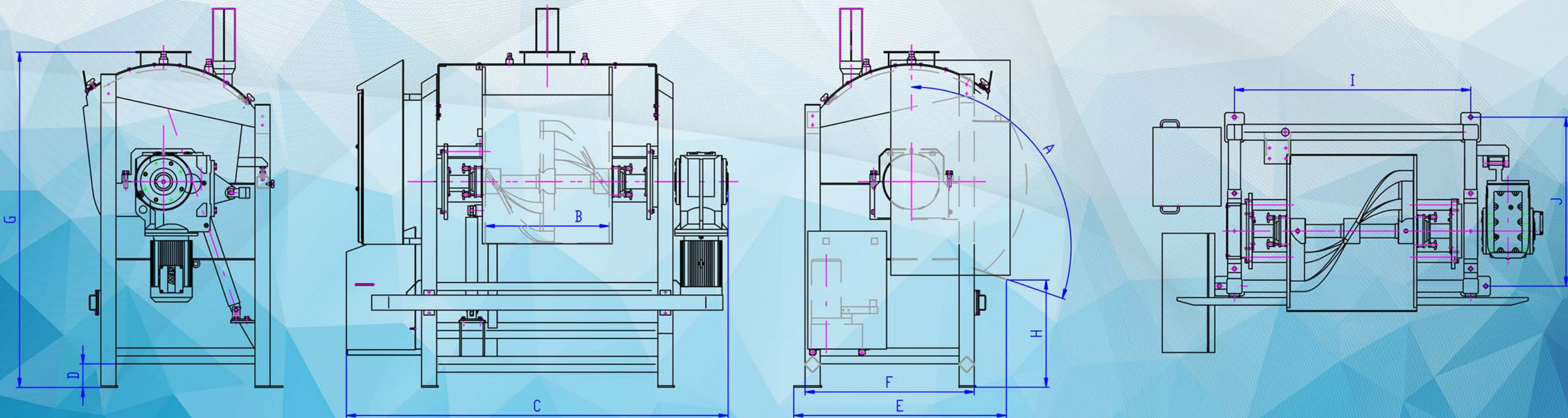
TOPOS SINGLE SIGMA MIXER SPECIFICATIONS

STANDARD

METRIC	Dough capacity	Working volume	Max volume	Power	Speed range	Tilt angle A	B	C	D	E	F	G	H	I	J
	kg	liters		kW	RPM	degrees	mm								
THM-500 SS (T-1153)	320	500	620	18	7-60	109	820	2 520	100	1 410	1 120	2 222	710	1 584	720
THM-800 SS (T-1155)	590	780	950	30	7-60	109	1 016	2 615	100	1 450	1 135	2 222	856	1 810	1 120
THM-900 SS (T-1158)	725	880	1 070	37	7-60	109	1 143	2 615	100	1 490	1 235	2 278	1 335	1 650	1 220
THM-1200 SS (T-1193)	950	1 178	1 314	45	7-60	109	1 270	2 651	100	1 429	1 245	2 624	959	1 904	1 220
THM-1350 SS (T-1193,5)	1 090	1 345	1 555	56	7-60	109	1 422	3 017	100	1 539	1 295	3 725	988	2 056	1 750
THM-1600 SS (T-1205)	1 270	1 583	1 886	75	7-60	109	1 422	3 017	100	1 636	1 355	3 881	1 001	2 056	1 525
THM-1950 SS (T-1206)	1 540	1 943	2 223	93	7-60	109	1 702	3 361	100	1 636	1 355	3 881	1 001	2 336	1 525

Note: Mixing capacity is based on typical wire-cut cookie dough

Note: Electrical starter enclosures dimension are subject to motor horsepower and voltage



METRIC

IMPERIAL	Dough capacity	Working volume	Max volume	Power	Speed range	Tilt angle A	B	C	D	E	F	G	H	I	J
	lbs	gal		kW/hp	RPM	degrees	inch								
THM-03OT (T-1153)	800	130	164	18/24	7-60	109	23 1/2	99	4	55 1/2	44	87 1/2	28	61 1/2	44
THM-05OT (T-1155)	1 300	200	251	30/40	7-60	109	40	103	4	57	44 1/2	87 1/2	33 1/2	71 1/2	44
THM-06OT (T-1158)	1 600	230	283	37/50	7-60	109	45	103	4	58 1/2	48 1/2	89 1/2	52 1/2	65	48 1/2
THM-07OT (T-1193)	2 100	300	347	45/60	7-60	109	50	104 1/2	4	56 1/2	49	103 1/2	38	75	49
THM-08OT SS (T-1193,5)	2 400	350	411	56/75	7-60	109	56	119	4	60 1/2	51	107 1/2	39	81	51
THM-09OT SS (T-2)	2 800	410	498	75/100	7-60	109	56	119	4	64 1/2	53 1/2	113 1/2	39 1/2	81	53 1/2
THM-10OT SS (T-2)	3 400	500	587	93/125	7-60	109	67	132 1/2	4	64 1/2	53 1/2	113 1/2	39 1/2	92	53 1/2