

Multi-Mix High-Shear Batch Mixer



LEE INDUSTRIES
Processing Perfection.™

Lee mixers are used to blend liquids, or liquid and particles, with differing densities.

Lee Industries offers the most durable and versatile mixers in the industry. From inclined mixers, to the Multi-Mix, to the Tri-Mix™ Turbo-Shear™ high-shear mixing system, Lee's experienced engineering team and the unrivaled workmanship of the mixers will meet all of your requirements as well as stand the test of time.

Multi-Mix High-Shear Batch Mixer Standard Features

Multi-Mix Mixers feature:

- Sanitary finishes from #4 to Lee Industries' exclusive super #7 mirror finish
- Vacuum/pressure capability
- Heavy-duty, USDA-approved, direct-drive agitators
- Unique, high-efficiency mixing head
- Hydraulic and mechanical shear to dissolve powders, blend miscible and non-miscible solutions, prepare creams and lotions and disperse pigment
- Clean, sanitary design
- Efficiency for hard-to-wet products
- High velocity axial and radial product flow
- Continuous high flow rate through mixing head
- Variable speed operations with NEMA-4 AC Inverter available to meet a wide range of process requirements
- A process guarantee, based on free testing at Lee Laboratory, adding security to your investment
- High ratio of hydraulic to mechanical shear results in non-excessive quantities of heat, making it ideal for temperature-sensitive products
- Use in conjunction with scrape surface agitators to provide a high performance mixing system



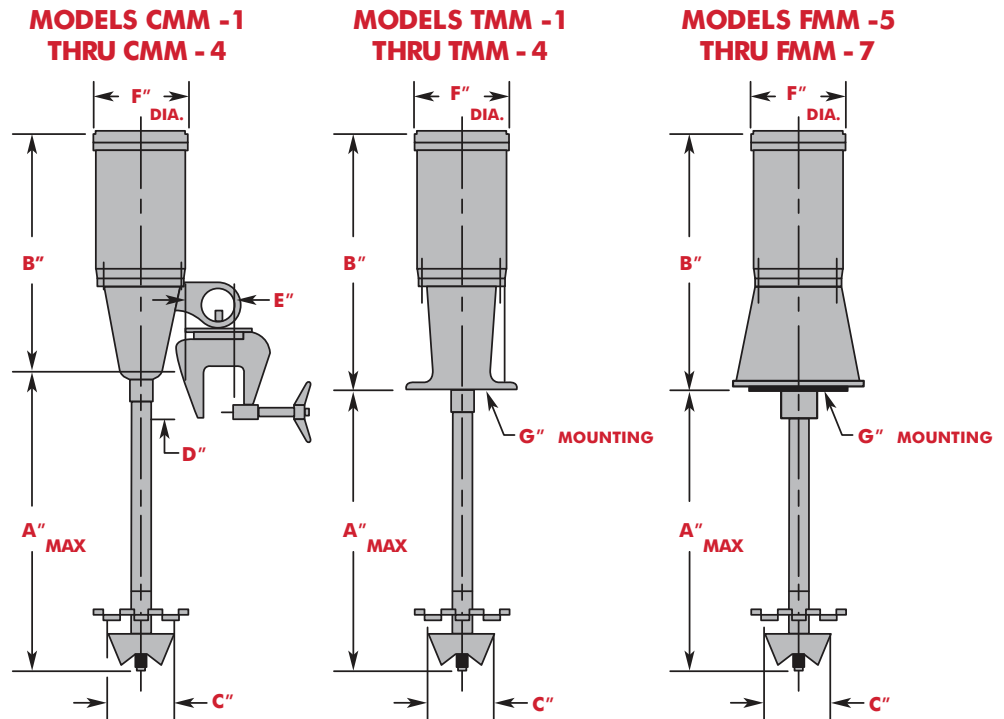
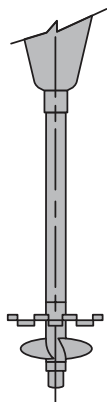
MULTI-MIX HIGH-SHEAR BATCH MIXER

Multi-Mix High-Shear Batch Mixer

The Multi-Mix is one of the most versatile, high performance batch mixers available today. It blends, disperses and emulsifies ingredients in either a liquid/liquid or liquid/solid system.

SPECIFICATIONS:

Optional
High-Flow Shear Plate/
Impeller Configuration



MODEL NUMBER	A	B	C	D	E	F	G	WT	HORSE POWER	DESIGN PRESSURE/TEMPERATURE	MIXER SPEED RANGE (RPM)
CMM-1	23	16	2 ³ / ₁₆	4 ¹ / ₂	2 ³ / ₈	6 ⁵ / ₈	—	60#	1/2	ATMOS/AMBIENT	345-3450
CMM-2	33	16	2 ³ / ₁₆	4 ¹ / ₂	2 ³ / ₈	6 ⁵ / ₈	—	64#	3/4	ATMOS/AMBIENT	345-3450
CMM-3	33	16	3	4 ¹ / ₂	2 ³ / ₈	6 ⁵ / ₈	—	72#	1	ATMOS/AMBIENT	345-3450
CMM-4	40	18	4	4 ¹ / ₂	2 ³ / ₈	6 ⁵ / ₈	—	87#	3	ATMOS/AMBIENT	345-3450
TMM-1	20	18 ¹ / ₂	2 ³ / ₁₆	—	—	6 ⁵ / ₈	6" TRI-CLAMP	58#	1/2	20 PSIG/FV @ 284 F	345-3450
TMM-2	30	18 ¹ / ₂	2 ³ / ₁₆	—	—	6 ⁵ / ₈	6" TRI-CLAMP	62#	3/4	20 PSIG/FV @ 284 F	345-3450
TMM-3	30	18 ¹ / ₂	3	—	—	6 ⁵ / ₈	6" TRI-CLAMP	70#	1	20 PSIG/FV @ 284 F	345-3450
TMM-4	36	20 ¹ / ₂	4	—	—	6 ⁵ / ₈	6" TRI-CLAMP	85#	3	20 PSIG/FV @ 284 F	345-3450
FMM-5	60	23 ⁵ / ₈	5	—	—	7 ⁷ / ₈	6" 150# FLG	165#	7 ¹ / ₂	20 PSIG/FV @ 284 F	345-3450
FMM-6	60	26 ³ / ₄	6 ¹ / ₁₆	—	—	9 ⁵ / ₈	8" 150# FLG	220#	10	20 PSIG/FV @ 284 F	258-2580
FMM-7	60	28 ³ / ₈	7 ⁵ / ₈	—	—	9 ⁵ / ₈	8" 150# FLG	250#	10	20 PSIG/FV @ 284 F	230-2300

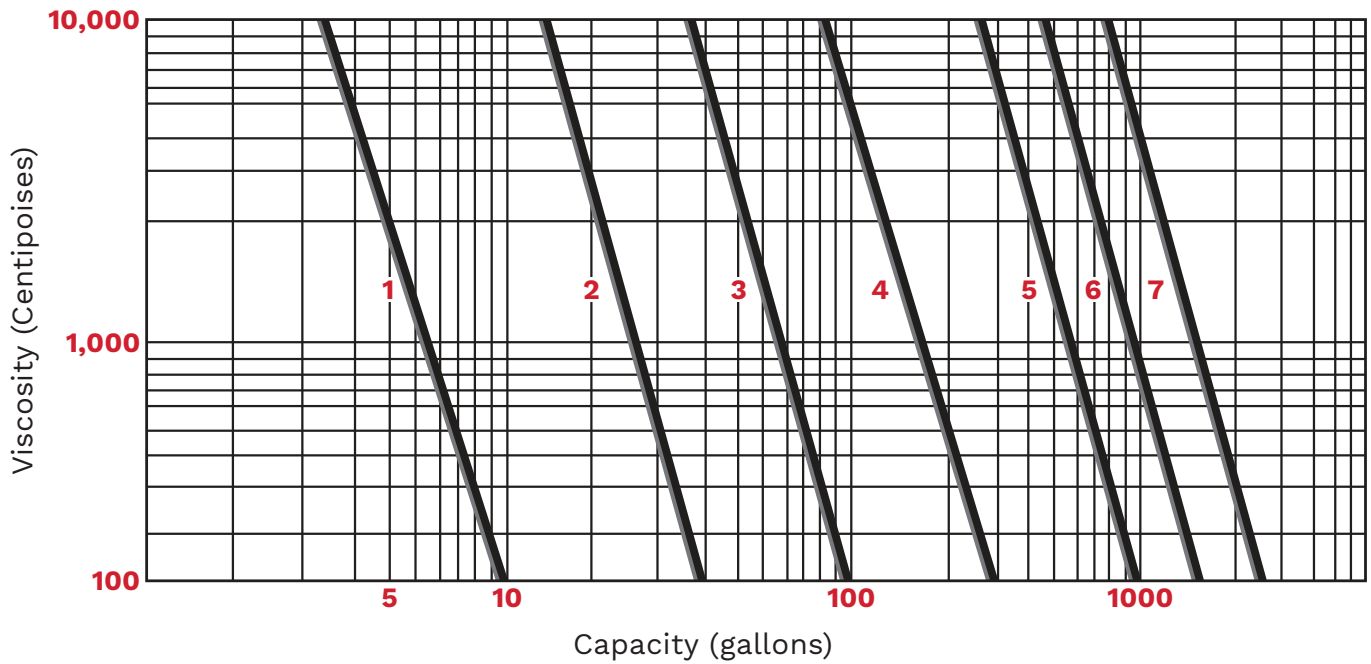
* ALL DIMENSIONS ARE FOR REFERENCE ONLY.
CONSULT FACTORY FOR CRITICAL DIMENSIONING.

* TRI-CLAMP IS A REGISTERED NAME OF TRI-COVER CORP.
* STD ELECTRICS: 230 V. 60 C. 3 PH. T.E.F.C.

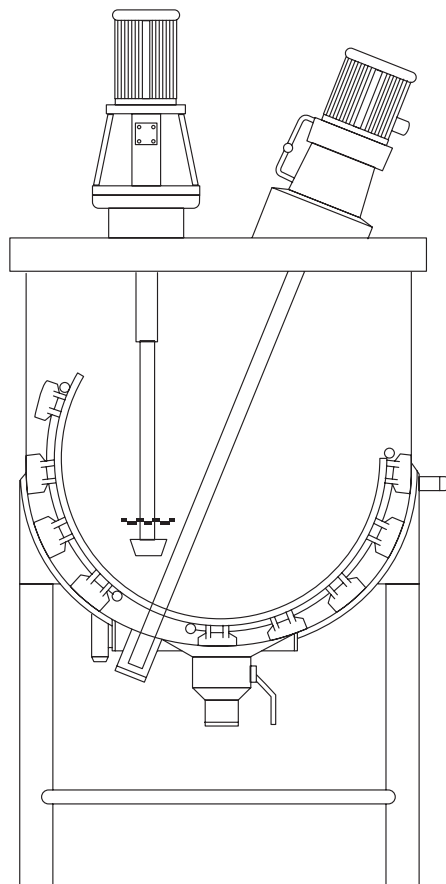
Electropolishing and Finishing

We recognize the demand for high-quality, durable, ultra-sanitary finishes. We provide world-class mechanical finishes and can also provide electropolish finishes on all of our parts and products.

Multi-Mix Model Selection Chart: Viscosity vs. Capacity



*This chart is given as a reference guide. Please consult the factory to assure proper sizing for your specific process.



**LEE
Inclined
Agitator with
Auxiliary
High-Shear
Mixer**



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