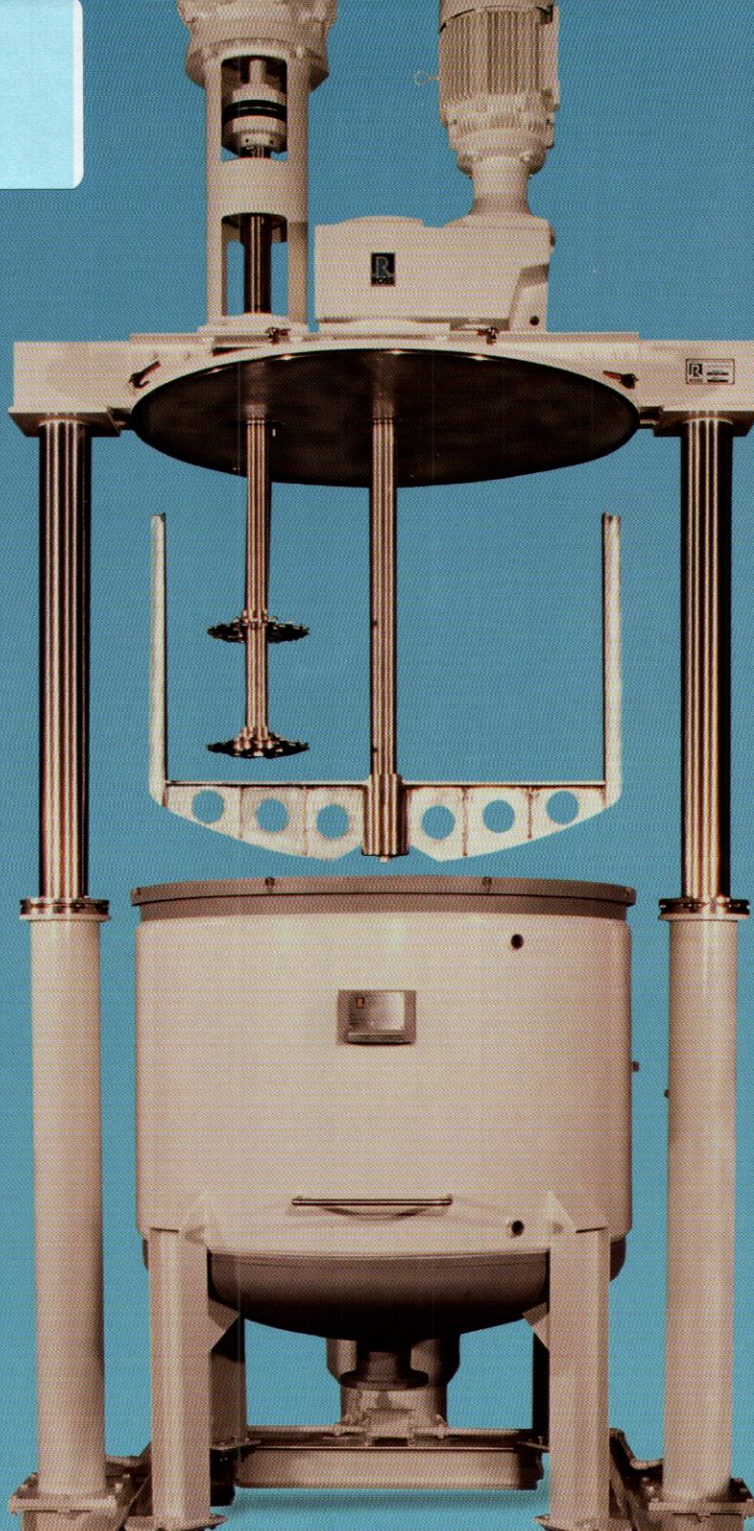


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## Ross Dual Shaft Mixers

*The new economical alternative for superior medium to high viscosity dispersions.*

The new Dual Shaft Mixer from Ross can answer your need for outstanding versatility, batch-to-batch reliability and cost-efficiency.

Designed to handle a broad range of dispersion applications, the Dual Shaft Mixer is equipped with a low speed anchor agitator and a high speed disperser, and the mixer is available in either a fixed tank or change can

configuration. With interchangeable vessels, the user can easily roll away one vessel when the batch is completed, and roll another into place to begin the next batch with a minimum of delay.

The new Dual Shaft Mixer is available in many sizes and configurations, and some can be shipped *from stock* virtually overnight.

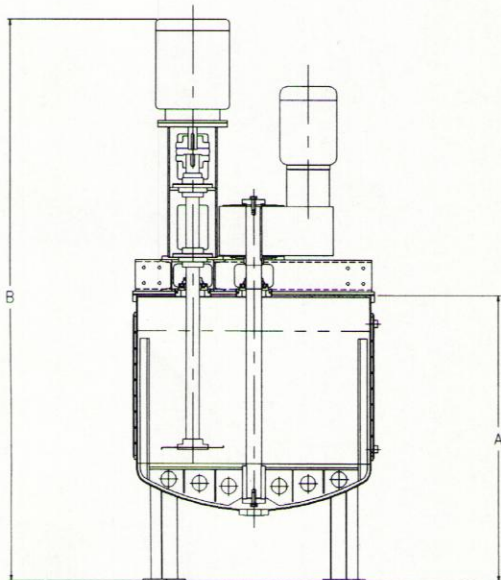


# Ross Dual Shaft Mixers

## Superior dispersions and process-line efficiency.

The rugged, two-wing anchor agitator in the Ross Dual Shaft Mixer removes material from the vessel wall and promotes vigorous flow within the mix vessel. This motion enhances heat transfer as well as the efficiency of the high speed disperser. By helping to prevent the build-up of concentrated heat in the high shear zone, the anchor allows the high speed disperser to safely apply more shear and accelerate the dispersion process.

*Especially for products of lower viscosity or for dedicated production, the fixed tank configuration presents an efficient combination of fast mixing cycles and thorough discharge.*

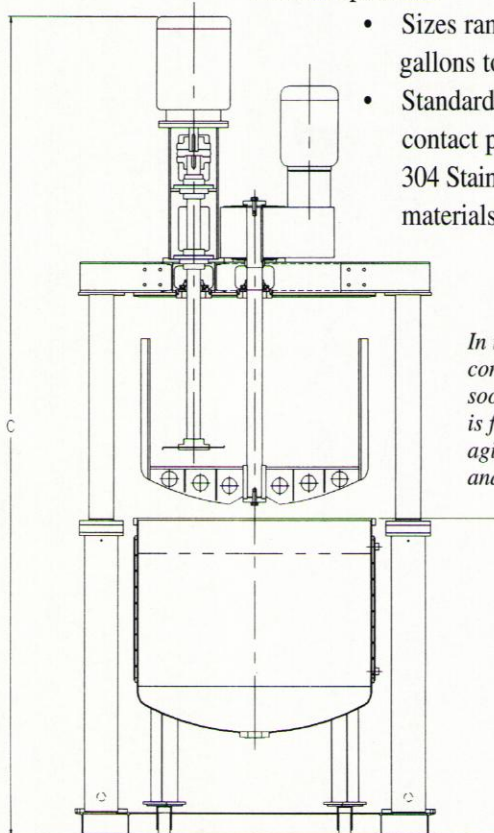


**Fixed tank configuration.**

## The right Dual Shaft Mixer for your application.

Ross manufactures the Dual Shaft Mixer in a variety of standard configurations to match your process needs closely.

- Fixed tank or interchangeable mix vessels, jacketed for heating or cooling. A dished bottom promotes efficient discharge.
- Designed for either atmospheric or vacuum operation.
- Sizes range from 150 gallons to 1,000 gallons.
- Standard models feature contact parts of Type 304 Stainless Steel. Other materials are available.



*In the change can configuration, as soon as the mix cycle is finished the agitators are raised, and the mix vessel rolls away for discharge and cleaning. Another vessel immediately rolls into place to start the next batch.*

**Change can configuration.**

Dual Shaft Mixer Model	Working Capacity (Gal.)	Full Holding Capacity (Gal.)	Mix Tank Dia.	Mix Tank Inside Depth	Disperser HP/RPM & Dia.	Anchor HP/RPM	(A) Mix Tank Height	(B) Overall Height	(C) Maximum Height (Raised)	Width	Depth
FDA 150 (Fixed Tank) CDA 150 (Change Tank)	150	210	38"	48"	15/1800 11"	10/45	65" 73"	120" 128"	— 170"	44" 71"	42" 77"
FDA 300 (Fixed Tank) CDA 300 (Change Tank)	300	350	54"	41"	30/1200 15"	20/27	56" 64"	124" 132"	— 174"	59" 89"	57" 95"
FDA 500 (Fixed Tank) CDA 500 (Change Tank)	500	590	60"	54"	50/1200 16"	25/23	73" 81"	144" 152"	— 209"	65" 93"	63" 99"
FDA 1000 (Fixed Tank) CDA 1000 (Change Tank)	1000	1190	72"	74"	75/900 22"	30/21	93" 101"	168" 176"	— 252"	79" 115"	76" 112"

DAA0996

Note: All dimensions rounded to nearest inch.

## Applications

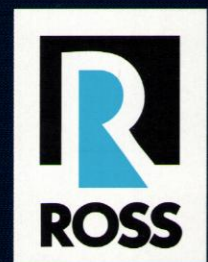
- Adhesives
- Caulking
- Fillers
- Paste Inks
- Coatings
- Specialty Chemicals
- Plastisols

**The ultimate test — in the Ross Test and Development Center or in your plant.**

Ross Dual Shaft Mixers are available for testing in the Ross Test and Development Center or for a trial rental. This provides the best possible opportunity to see for yourself how the mixer can perform on your process line, with your formulation.

**Call Ross today.  
1-800-243-ROSS.**

Find out how a Ross Dual Shaft Mixer can help you produce superior dispersions and lower your operating costs. Call now to speak to a Ross engineer about your application and to discuss equipment purchase and rental options.



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