

SCOTT TURBON® MIXER, INC.

HIGH PERFORMANCE MIXING SYSTEMS

Providing Mixing Solutions...

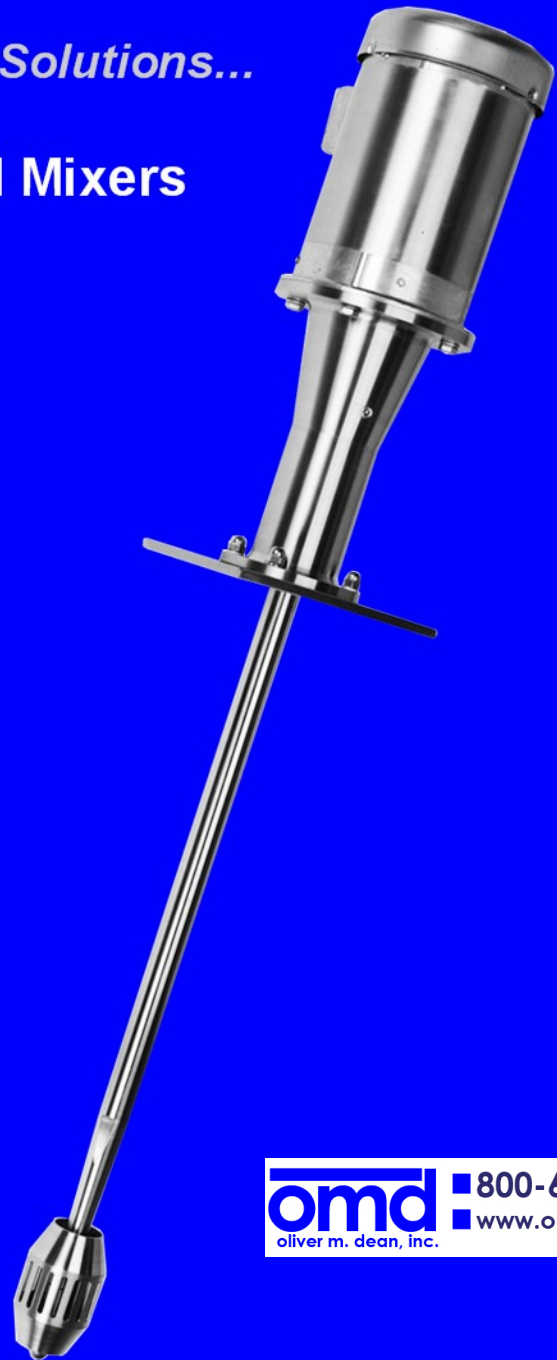
Top Mounted Mixers

Standard Features

- No submerged bushings or bearings
- Mixer can be operated “dry” without injury
- Single shaft design to fit the vessel
- Interchangeable work heads
- Dry running lip seal
- All SS wetted construction standard
- #4 sanitary (32 Ra) finish
- Clean sanitary USDA approved for meat and dairy use
- Easy system CIP (clean in place) design
- Mounting flange to fit vessel

Optional Features

- Stainless Steel or XP motor
- Single or double mechanical or gas seals
- Electropolished 16 ra finish
- UL approved controls



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The Scott Turbon® Top Mount Mixer is the perfect match for difficult mixing applications. The unique interchangeable work heads are designed to rapidly disperse, dissolve, hydrate, and de-agglomerate solids into liquids. The high fluid velocities make it ideal for creating homogenous suspensions and emulsions. (typical emulsions are from 1 - 10 microns.)

Integration of mixers, tanks & controls are our specialty...

Mixer Head Size	Max Batch Size (Gal.)	Std. HP	Max Shaft Length	Weight (Lbs.)
1	10	1 1/2 - 2	24"	50
2	75	2 - 5	36"	80
L2	150	3 - 7 1/2	48"	150
3	300	5 - 15	60"	250
4	500	7 1/2 - 20	72"	300
5	1,000	15 - 30	84"	500
6	2,000	40 - 60	90"	1,000
7	4,000	75 - 125	100"	1,600
8	8,000	125 - 200	120"	2,200
10	12,000	200 - 300	140	4,600

*This information should be used for reference only



Head Model A

The slotted shear element produces the highest mechanical shear in products up to 25,000 cP's and 40% solids. This element is the most effective in dispersing hard to wet powders and for making stable emulsions and suspensions.

Head Model B

The toothed shear plate produces medium shear in products up to 100,000 cP's and up to 60% solids or where large crystalline material could clog the slotted cage, (Model "A").



The table above lists our standard Scott Turbon® models along with typical volumes and horsepower requirements. This information should be used for reference only.

Typical Mixing Applications

Pharmaceutical & Cosmetic

Calcium carbonate
 Carbopol®- copolymers
 Methocel®- cellulose gum
 Homogenization
 Lotions & creams
 Clay masks and scrubs
 Ointments and gels
 Shampoo and cream rinses
 Toothpaste
 Viscosifiers
 Tablet coatings
 Cough & cold syrups

Chemical

Adhesives
 Bentonite clays
 Coatings
 Completion fluids
 Gypsum
 Iron oxide slurries
 LDPE reactors
 Paint & pigment
 Polyester resins
 PVC resins
 Talc slurries
 Textile dyeing

Rubber dissolving
 Water treatment
 Automotive waxes
 Pesticide solutions
 Kaolin clay

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