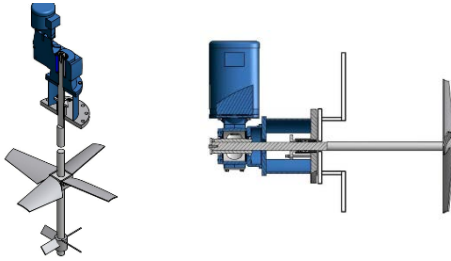




UET Mixers
 26 Maple Street
 Mechanic Falls, ME 04256
 Phone: 207-345-3330
 E-mail: sales@uetmixers.com

Agitator Data Sheet

FORM MUST BE DOWNLOADED BEFORE EDITED!



Date: _____

Company Name: _____

Contact Name: _____

Contact Phone: _____

Contact E-mail: _____

Process Conditions

Process Description (check all that apply):

- Blending miscible liquids
 Solids Suspension
 Gas Dispersion
 Wetting-out
 Dispersing immiscible liquids
 Chemical Reaction
 Dissolving
 Heat Transfer
 Other: _____

Application Description:

Batch or Continuous Flow:

Desired Result:

Is this mixing application presently in operation? Yes No

If yes, present set-up:

Present batch size: _____ Vessel dimensions: _____
 Motor specifications (Volts, amps, phase, Hp.): _____
 Impeller style on existing mixer: _____
 Number of impellers used: _____ Diameter: _____
 Is present mixer performing well? Yes No
 Desired improvements: _____

Mixer Type Required: Top Entry Side Entry Portable

Level of Agitation Desired:

- Solids Suspension
 Mild
 Moderate
 Vigorous
 Violent
 Continuous (GPM): (insert) _____

Retention time: _____

Batch Mixing Time: _____

Batch Size:

Normal Batch (gal.): _____ Largest Batch (gal.): _____ Smallest Batch (gal.): _____
 Do you wish mixer sizing for normal or maximum batch size? _____

Fluids:

Component Name	Liquid/Solid/Gas	Relative %	Viscosity (cP)	Specific Gravity
Final Mix				



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Description of Solids (if present): (insert)

- Soluble Crystalline Sticky/Gummy Insoluble Light/Fluffy
 Other: (insert)

Particle size/sieve analysis:

- Check one: Uniform suspension required Prevent settling only

Mixer Requirements

Mixer Seal: Shaft seal necessary Seal not necessary

Design pressure: (psig) at Deg. F

Please give details of preferred type of seal, including special material requirements:

Material of Construction of Wetted Parts:

Other:

Tank Dimensions & Data:

Cylindrical Tank:

Diameter:

Overall Length (incl. heads): Straight Side Length:

Top Shape: Open or loose cover Closed Flat Dished (if so, specify depth):

Bottom Shape: Flat Cone Dished (if so, specify depth):

Rectangular or square tank:

Length: Width: Height:

Headroom: (inches)

Baffles: Yes (how many): Unbaffled

Mounting: Beam Flange

Tank Wall Other:

Flange description:

Is steady bearing permitted: Yes No

Opening size to pass impeller through:

Describe any heating coils:

Gearbox Type: Helical Helical/Bevel Worm Other (specify):

Electrical Data:

Voltage: Phase: Cycle:

Type of motor required: Totally Enclosed Open

Explosion Proof (Cl.1, Gr. D) (if other, specify):

Other (specify):

Special: Material Certs Other:

Inspection: Yes No