

Littleford Day

Where Processing Ideas Become Reality

Littleford Day, Inc 7451 Empire Drive (41042-2985) P.O. Box 128, Florence, KY 41022-0128 859-525-7600 fax 859-525-1446

Product Release

Littleford Day MGT Series Vertical Pharmaceutical Mixers/Granulators

Description

The Littleford Day MGT Series Vertical Mixers/Granulators are designed for applications that require precise dry powder mixing or liquids/solids dispersions. Its medium intensity vortex mixing action delivers rapid, consistent distribution of ingredients of varying size and density. For processes requiring reliable dosage of carrier and high-potency drugs and tablet granulations, the MGT provides thorough, uniform dispersion – batch after batch. The MGT's precise mixing action is ideally suited for wet granulations including the use of solvents as a binder. The MGT will yield a very narrow particle size distribution which is reproducible batch to batch. The MGT allows thorough clean-out between batches for maximum assurance of closely controlled, high quality mixing results.

Features

- NEMA design motors and electrical controls.
- A unique vortex mixing impeller design enables high degree of batch-to-batch consistency.
- High speed chopper system quickly disperses liquid or minor powder ingredients for even faster mixing times.
- 100% Stainless steel and all welded construction is easily sanitized after every batch.
- Manufactured in accordance with "GMP" and can be specified to meet or exceed all of the different sanitary regulations as detailed by the FDA, 3A, USDA and the Pharmaceutical Industry.
- Swing-away discharge assembly allows complete, tool-free cleaning.
- Counter-balanced lid for easy opening and loading.
- Superior seal integrity that meets sanitary requirements.
- Validation documentation.



MGT-125 Mixer/Granulator

Options

- Vacuum construction.
- Explosion proof motors and controls.
- Variable speed drive.
- 75 PSI ASME code construction jacket for heating and/or cooling.
- IQ/OQ Protocol.



Stainless steel mixing bowl showing advanced-design impeller affixed to center-mounted vertical-shaft. Chopper is at right side.

General Specifications

Model No.	Total Volume Capacity			Working Capacity		
	(liters)	(gals.)	(cu.ft.)	(liters)	(gals)	(cu.ft.)
MGT-10	10	2.6	.4	9	2.4	.32
MGT-30	30	8.0	1.0	25	6.6	.88
MGT-70	70	18.5	2.5	60	15.9	2.10
MGT-125	125	33.0	4.5	100	26.4	3.50
MGT-250	250	66.0	8.8	200	52.8	7.00
MGT-400	400	105.6	14.5	360	95.1	12.70
MGT-600	600	158.4	21.0	540	142.6	19.10
MGT-900	900	238.0	31.8	810	214.2	28.60
MGT-1200	1200	317.0	42.4	1080	285.3	38.20

Note: For larger capacity requirements, consult factory.

Littleford Day has redesigned the MGT Vertical Mixer/Granulator to provide the Pharmaceutical Industry a unit that is easy to clean and reliable, but at very attractive prices.

A Littleford Day Salesman will be happy to visit your facility and expand on the features of these units.

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Dimensions, weights, production capacities and other specifics cited in this literature are illustrative only and may be subject to many variables. The only warranty applicable is our standard written warranty. We make no other warranty, expressed or implied.