

MISTCOATER

Liquid Application System

HOW IT WORKS

The product to be coated enters into the machine and falls onto a rotating "dry disk". The material falls off the dry disk in a cascading helical pattern. Simultaneously, the liquid is pumped onto spinning disks located in the center of the cascading product. This liquid is atomized and applied to the falling dry material. Internal scrapers prevent product build up on the walls of the coating chamber. An optional twin screw ribbon and paddle conveyor gently mixes, provides retention and allows the product to rub against one another which further increases the quality of the coating.



ADVANTAGES

- Multiple liquids can be applied through one inlet point
- No spray nozzles that clog
- Less head pressure required of your liquid pumps due to no liquid inlet restriction
- Tack application of dry coatings

MISTCOATER MODELS

- T - Coating chamber with discharge chute.
- TMX - Coating chamber with twin screw ribbon and paddle mixing conveyor

OPTIONAL FEATURES

- Expanded access coating chamber
- Swing out coating chamber
- Stainless steel construction
- Food grade construction



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PROCESSING THE INGREDIENTS FOR YOUR SUCCESS SINCE 1992

MISTCOATER SPECIFICATIONS

DIMENSIONS AND SHIPPING WEIGHT

Size	A	B	C	D	E	F	G	H	I	J	Weight
5TMX (mm)	96.00 2438.40	6.00 152.40	109.00 2768.60	17.75 450.85	59.00 1498.60	71.25 1809.75	1	1/2	1	6	900
20TMX (mm)	120.00 3048.00	6.00 152.40	134.25 3409.95	24.75 628.65	70.06 1779.52	84.75 2152.65	3	1	2	9	1800
40TMX (mm)	120.00 3048.00	6.00 152.40	137.06 3481.32	31.25 793.75	75.00 1905.00	91.00 2311.40	5	1	2	12	2800
70TMX (mm)	120.00 3048.00	6.00 152.40	137.06 3481.32	31.25 793.75	75.00 1905.00	91.00 2311.40	7-1/2	1	2	12	2800
120TMX (mm)	144.00 3657.60	6.00 152.40	171.75 4362.45	43.50 1104.90	80.63 2048.00	99.00 2514.60	Dual 7-1/2	2	5	18	4500

SIZES & CAPACITIES

- 5TMX - 5 tons/250 cu. ft. per hour
- 20TMX - 20tons/1,000 cu. ft. per hour
- 40TMX - 40 tons/2,000 cu. ft. per hour
- 70TMX - 70 tons/3,500 cu. ft. per hour
- 120TMX - 120 tons/6,000 cu. ft. per hour

STANDARD FEATURES

- Flanged inlet and outlet openings
- Dry disk drive with timing belt/sprocket reduction
- Coating chamber with scraper
- Single access door
- Stainless steel liquid disk(s) with v-belt drive and support legs

OPTIONAL FEATURES

- CEMA IV or Food Grade Finish
- Electric heat or Steam tracing
- Keep full level sensor
- Close tolerance construction
- Mixing conveyor extensions



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