

Mateer 6000 Series

Rotary Auger Filler



Features:

- Stainless-steel receiving funnels
- Auger drive shaft common to all auger sizes
- Quick, easy changeover of container handling parts
- Low profile belt guard cover with quick snap release
- Adjustable product discharge height
- Digital auger and container speed indicators
- Mechanical jack assembly to adjust turret for variable container heights
- Controls to stop turret in case of container jam or downstream backups
- Self-locking bayonet auger shaft connects outside product hopper
- Automatic and jog control switches



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ACCURAPLY

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Pneumatic Scale Offers Auger Filling

Pneumatic Scale is pleased to offer the Mateer Series 6000 Rotary Auger Filler. This continuous motion machine offers precise fills and faster production speeds, while promoting simple maintenance requirements.

Accurate Filling For Dry Products

The Series 6000 can fill virtually any powdered or granular product at speeds up to 350 CPM. Product is fed into a multi-station rotating turret, then deposited into interchangeable receiving funnels. A dust free filling environment is maintained as containers are filled to a specific volume.

Additional Features

- 22" DIAMETER (559 MM), 16 GALLON (60 LITER) CAPACITY STAINLESS STEEL HOPPER
- POSITIVE CONTAINER CONTROL VIA UHMW DUAL MAIN STARWHEELS AND CONTAINER GUIDES
- 1/2 HP, 39 RPM EXTERNALLY MOUNTED AGITATOR MOTOR
- 1 HP, 0-1800 RPM VARIABLE-SPEED AUGER DRIVE MOTOR WITH TACHOMETER FEEDBACK AND TIMING BELT
- COLOR CODED "NO-TOOL" CHANGE PARTS
- 11' (3.3 M) STAINLESS-STEEL CONVEYOR WITH ADJUSTABLE STAINLESS STEEL GUIDE RAILS AND DELRIN TABLE TOP CHAIN

- NEMA 12 DUST-PROOF CONTROL ENCLOSURE
- DUST-PROOF HOPPER COVER WITH 7" (178 MM) DIAMETER INFEED DUCT AND INSPECTION PORT
- POLYCARBONATE SAFETY GUARDS WITH 4 ELECTRICALLY INTER-LOCKED/HINGED ACCESS DOORS

Optional Features

- CUSTOM MOLDED "Z" STYLE CONTAINER SEALS
- DOWNSTREAM CHECKWEIGHER
- HIGH FREQUENCY FUNNEL CARRIER VIBRATION
- PLC-BASED REJECT SYSTEM
- ADJUSTABLE BOTTOM RAIL

Mateer 6000 Series Technical Specifications

MODEL	6100	6200	6600	6700	6708
Container infeed	Flood fed	Flood fed	Infeed screw	Infeed screw	Infeed/ outfeed screw
Number of Pockets	12	24	24	24	36
Pitch diameter	24"/610 mm	24"/610 mm	24"/610 mm	36"/914 mm	36"/914 mm
Number of augers	1	2	1	2	2
Speed range (cpm)*	80-120	180-300	180-250	200-350	120-300
Capacity	0.5oz-10 lbs 14gm-4.5 Kg	0.5oz-10 lbs 14gm-4.5 Kg	0.5oz-10 lbs 14gm-4.5 Kg	0.5oz-10 lbs 14gm-4.5 Kg	0.5oz-10 lbs 14gm-4.5 Kg
Supply voltage**			230/460 3 ph 60 Hz		
Controls voltage	115V/24V	115V/24V	115V/24V	115V/24V	115V/24V
Power consumption	20/10 amps	25/12 amps	20/10 amps	25/12 amps	30/15 amps
Air consumption***	n/a	n/a	n/a	n/a	n/a
Machine finish	Stainless steel with white painted cast aluminum filling head and mounting column				
Weight, uncrated (approx)	2200 lbs/1000 Kg	2200 lbs/1000 Kg	2200 lbs/1000 Kg	2700 lbs/1227 Kg	2700 lbs/1227 Kg
Weight, crated (approx)	2500 lbs/1136 Kg	2500 lbs/1136 Kg	2500 lbs/1136 Kg	3000lbs/1363 Kg	3000 lbs/1363 Kg
OPTIONS					
Number of pockets	n/a	n/a	n/a	44	44
Pitch diameter (inch/mm)	n/a	n/a	n/a	44"/1118	44"/1118
DC motors/controls	Yes	Yes	Yes	Yes	Yes
AC motors/controls	Yes	Yes	Yes	Yes	Yes
Tare/gross weighing	No	No	No	Opt	Opt
* Alternative designs available for speeds up to 400 cpm. ** Special voltages available upon request. *** Compressed air of 1 cfm @ 80 psi required only when optional orbital vibration is selected.					

All specifications and tooling requirements are subject to Pneumatic Scale Corporation evaluation of all product samples. Specifications shown reflect standard machine capabilities. Pneumatic Scale Corporation can also meet other specification requirements. Please call for details.

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