



MARATHON SERIES BESIDE-THE-PRESS GRANULATORS

Marathon™ Series beside-the-press granulators feature innovative design and performance improvements resulting from extensive customer involvement in the development process. These improvements make the Marathon™ Series significantly more efficient to service and operate than other beside-the-press granulators.



Marathon Series Granulator

STANDARD FEATURES

- 410 rpm rotor speed
- 230 or 460 voltage
- Three-blade open-solid rotor
- Solid flywheel drive sheave
- TEFC motor
- NEMA 1 drop-down front-access electrical enclosure
- Side mount start/stop control buttons
- Front-access bed knife adjusting system
- Double-walled construction on hopper and base
- D2 knives; selection of 40° or 50° tip angle
- Ultra-light, static-reducing manual bin
- Time delay safety switches to interlock cutting chamber
- Mounted ratcheting opening tool to open cutting chamber
- Selection of reversible screens; hole sizes of 1/4", 5/16", 3/8", 1/2" and 5/8" available
- Two locking, two swivel casters

OPTIONAL FEATURES

- Carbide coating for knives and screens
- Single set point ammeter
- Expanded cutting chamber access
- Bed knives are adjustable from the front
- Permanently mounted bin-level indicator
- Staggered rotor configuration with 4-edge knives
- Choice of alternate rotor speeds: 590, 410, 250 or 150 rpm
- 2 blade open rotor, 3 or 5 blade solid rotors
- Available voltages: 208 V, 380 V, 415 V, 575 V
- Infeed chutes for robot/conveyor and long part applications
- Side cleanout door on hopper

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GRANULATE

SPECIFICATIONS

Model	Cutting Chamber Size, in.	Available Motor hp				Rotor Knives/Bed Knives	Cutting Circle, in.	Open Screen Area, sq. in.	Approx. Throughput, lbs./hr	Bin Capacity, cu. ft.		Average Machine Weight, lbs.
		5 hp	7.5 hp	10 hp	15 hp					Man.	Vac.	
MV810	8 x 10	X	X	N/A		3/2	8.39	39	123	1.2	0.35	810
MV814	8 x 14	X	X					55	172	1.4	0.4	950
MV818	8 x 18	X	X					70	221	1.9	0.5	1100
MV1012	10 x 12	N/A	X	X	X		10.5	65	257	1.4	0.4	1120
MV1016	10 x 16		X	X	X			87	340	1.9	0.5	1300

DIMENSIONS

Model	Long Part Infeed, in.	Machine Height Without Chutes, in.	Manual Infeed, in.	Robot/ Conveyor Infeed, in.	Total Depth, in.	Total Width, in.	Total Height, in.	Door Open, Width, in.	Machine Open, Depth, in.	Floor Mount Fan Hole, Height From Floor (centerline), in.
	A	B	C	D	E	F	G			
MV810	59.5	58.3	48.9	58.6	37.2	22.1	71.6	36.9	62.1	8.1
MV814						26.1		40.9		
MV818						30.1		44.9		
MV1012	63.6	61.5	50.5	61.9	45.0	76.0	40.7	67.5		
MV1016					28.2		44.7			

