

# MAVERICK SERIES



## Beside-the-Press Granulators

### LESS EFFORT NEEDED TO KEEP THE MAVERICK WORKING

With the Sterling Maverick™, your size reduction problems have been dramatically reduced. Its revolutionary design reduces both cleanout time and knife adjusting time. There's less effort needed to empty the regrind bin. And you have a choice of reduced rotor speeds for uniform, quality regrind. Best of all, it's designed to increase productivity with unmatched cutting chamber access, increased flexibility, and a lot more strength for added performance.



#### Features

- 410 rpm rotor speed
- 230 or 460 voltage
- Three (3) -blade open/solid rotor
- Solid flywheel drive sheave
- TEFC motor
- NEMA 1 drop-down front access electrical enclosure
- START/STOP control button mounted on side of hopper
- 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 (2) locking, two (2) swivel casters
- One-year warranty
- Optional long part chute and front robot/conveyor chutes shown

#### Options

- Alternate rotor speeds: 590 rpm; 1,800 rpm motor; 250 rpm; 1,200 rpm motor; 50 rpm; 900 rpm motor
- 125 rpm alternate rotor speed with gear and chain drive: 1 hp (0.746 kW); 3 hp (2.238 kW); 5 hp (3.730 kW); 7.5 hp (5.595 kW); 10 hp (7.460 kW)
- Rotors: Staggered rotor; 2-blade open rotor; deducts from existing machine price; 3-blade solid rotor; 5-blade solid rotor
- Rotor deflectors (consult factory)
- Front manual feed hinged door for noise reduction (consult factory)
- Alternate feed chutes: Front robot/conveyor; Rear robot/long part/conveyor; Rear long part; Robot/conveyor in place of clean-out door
- Side Cleanout Door added to Hopper (with time delay safety)
- Vacuum bin conversion: vacuum insert with rear take-off
- Fan transition drawer and aspirator
- Alternate voltages: 208/3/60, 380/3/50, 415/3/50, 575/3/60
- Ammeter with single set point and alarm light
- Bin level-sensing proximity switch and light
- Zero speed switch with alarm light
- Special paint
- Wear abrasion package; hardfaced welding of cutting chamber and rotor and AR400 screen chamber plates
- Additional set of D2 knives (available on all model): 2-blade rotor: 2 rotor, 2 bed knives; 3-blade rotor: 3 rotor, 2 bed knives; 5-blade rotor: 5 rotor, 2 bed knives
- Additional set of staggered rotor knives (consult factory): 5 rotor knives, 2 bed knives; 7 rotor knives, 2 bed knives four-edged knives; 9 rotor knives, 2 bed knives; 6 rotor knives, 2 bed knives; 8 rotor knives, 2 bed knives
- Carbide coating for knives (adds to knife list price): 2-blade rotor knives, 2 bed knives; 3-blade rotor knives, 2 bed knives; 5-blade rotor knives, 2 bed knives
- Carbide coating for staggered rotor knives (adds to knife list price): 5 rotor knives, 2 bed knives; 7 rotor knives, 2 bed knives; 9 rotor knives, 2 bed knives; 6 rotor knives, 2 bed knives; 8 rotor knives, 2 bed knives
- Additional drilled screens: 1/4", 5/16", 3/8", 5/8", 1/2", 3/16", 1/8"
- Stainless steel screens (adds to existing machine price): 1/4", 5/16", 3/8", 5/8", 1/2", 3/16", 1/8"
- Carbide coating for drilled screens (adds to screen list price)

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### 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 Cap., cu. ft.		Average Machine Weight, lbs.
		5 hp	7.5 hp	10 hp	15 hp					Man.	Vac.	
MVP810	8 x 10	X	X	N/A		3/2	8.39	39	123	1.2	0.35	810
MVP814	8 x 14	X	X					55	172	1.4	0.4	950
MVP818	8 x 18	X	X					70	221	1.9	0.5	1100
MVP1012	10 x 12	N/A	X	X	X		10.5	65	257	1.4	0.4	1120
MVP1016	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			
MVP810	59.5	58.3	48.9	58.6	37.2	22.1	71.6	36.9	62.1	8.1
MVP814						26.1		40.9		
MVP818						30.1		44.9		
MVP1012	63.6	61.5	50.5	61.9	45.0	24.2	76.0	40.7	67.5	
MVP1016						28.2		44.7		

