



SMGL2 / MGL2 Series

THE RELIABLE CHOICE IN SIZE REDUCTION EQUIPMENT

PERFORMANCE
PORTABILITY
RELIABILITY



SMGL2



SMGL2 / MGL2 Series

Introducing the SMGL2/MGL2 portable grinders.
Reliable performance in a compact, portable design.

SUPERIOR, LOW-SPEED GRINDER
PRODUCES UNIFORM SIZE WITH
MINIMAL DUST.

Smart design enhances productivity

The SMGL2 and MGL2 pack a lot of smart engineering into little grinders. Combining low-speed, energy-saving, granulating technology with primary and secondary blades, the SMGL2 and MGL2 grind to a consistent size. Dusting and cutting errors are reduced, and no “longs” can slip through. This results in regrind that flows more consistently into your production, moving easily through your material handling systems and molding with fewer rejects.

Quiet, safe operation

The SMGL2 incorporates a steel damper plate to significantly reduce noise, so it operates quietly and efficiently. Units are also equipped with two limit switches and an emergency shut-off button. An integrated thermostat helps prevent the motor from overheating.

Small footprint and portable design

The SMGL2 has a tiny footprint, so it easily glides into place, tucking neatly into a convenient, out of the way place, or snugly up against a machine.

Easy-to-clean and virtually maintenance free

Stainless steel components and easy-clean design make changing material and color a snap. And both units are screenless, so there is even less maintenance and no screen to wear out and replace. The smart, simple design means years of reliable, maintenance-free operation.



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SMGL2 GRINDER IS EASY TO CLEAN, ECONOMICAL TO USE.

Clean up and resin changes are fast and easy

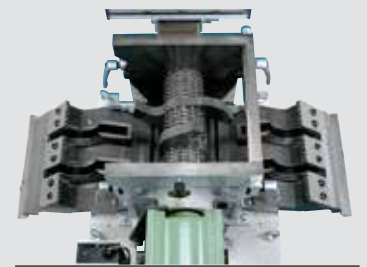
The SMGL2 opens wide to expose the grinding chamber and blades. And stainless steel parts clean up fast and reduce maintenance costs. Low speed cuts energy costs and minimizes dust. Various blade sizes are available to help create re-grind that flows smoothly into production.



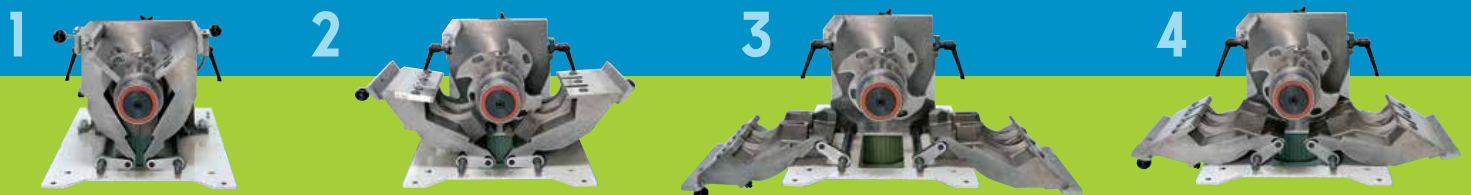
MGL2 GRINDER WITH THE REDESIGNED "WIDE-OPEN" DESIGN.

The new MGL2 lets you spread it "wide-open" for fast, easy cleaning, and product and color changes. The unit "unfolds" to completely, and safely, expose every nook and cranny so you can quickly clean and prepare for the next job without worry of contamination.

See diagram below.



Re-engineered to make it even easier to clean.

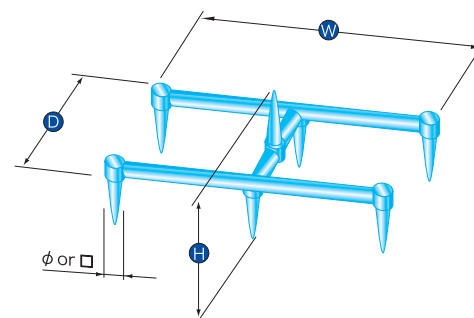


SMGL2 / MGL2 SERIES SPECIFICATIONS

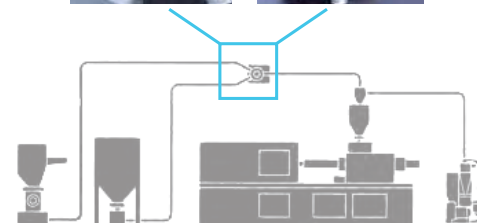
MODEL MGL2	MGL2-100-U	MGL2-100-TPE-U	MGL2-200-U	MGL2-300-U
POWER (VOLTS)	230 or 460			
MOTOR CAPACITY (HP)	1.0	1.0	2.0	3.0
ROTATING SPEED (RPM)	22.5	22.5	22.5	30
SMALL ROTATING CUTTERS	3			
LARGE ROTATING CUTTERS	2			
BED CUTTER	3			
CRUSHING BED CUTTER	1			
GUIDE PLATE	1		3	
SIZE OF RUNNER CHUTE (INCHES)	13 x 9	10 x 9	15 x 13	18 x 16
EFFECTIVE CHAMBER DIM (INCHES)	10 x 9	10 x 9	12 x 13	16 x 16
MACHINE DIMENSIONS (INCHES)	29 x 16 x 58	24 x 16 x 59	33 x 21 x 64	42 x 23 x 62
CUTTER SIZE (MM)	5 x 5	5 x 5	5 x 6	6 x 7
WEIGHT (LBS)	370	370	545	886
FULL LOAD 230/460V (AMPS)	10 / 5	10 / 5	15 / 10	20 / 10
SUCTION HOPPER (FT ³)	.15	.49	.28	.45
PROCESSING CAPACITY	~6kg/h (13.2lb/h)	~3kg/h (6.6lb/h)	~10kg/h (22lb/h)	~15kg/h (33lb/h)
MAX. RUNNER DIMS W/D/H (INCHES)	8.6 x 5.9 x 3.9in	5.9 x 3.5 x 2.3in	10.6 x 7.4 x 4.7in	(13.7 x 9.8 x 5.9in)
MAX. RUNNER DIAMETER (INCHES)	7mm (0.276in)	7mm (0.276in)	9mm (0.354in)	10mm (0.394in)

MODEL SMGL2	SMGL2-100-U	SMGL2-200-U
POWER (VOLTS)	230 or 460	
MOTOR CAPACITY (HP)	1.0	2.0
ROTATING SPEED (RPM)	30	36
SMALL ROTATING CUTTERS	3	
LARGE ROTATING CUTTERS	2	
BED CUTTER	3	
CRUSHING BED CUTTER	1	
GUIDE PLATE	1	3
SIZE OF RUNNER CHUTE (INCHES)	13 x 9	15 x 12
EFFECTIVE CHAMBER DIM (INCHES)	10 x 9	12 x 13
MACHINE DIMENSIONS (INCHES)	34 x 17 x 59	40 x 20 x 61
CUTTER SIZE (MM)	5 x 5	5 x 6
WEIGHT (LBS)	430	606
FULL LOAD 230/460V (AMPS)	10 / 5	10 / 5
SUCTION HOPPER (FT ³)	.21	.56
PROCESSING CAPACITY	~6kg/h (13.2lb/h)	~12kg/h (26.4lb/h)
MAX. RUNNER DIMS W/D/H (INCHES)	8.6 x 5.9 x 3.9in	10.6 x 7.4 x 4.7in
MAX. RUNNER DIAMETER (INCHES)	7mm (0.276in)	9mm (0.354in)

RUNNER DIMENSIONS & DIAMETER



JSV REGRIND VALVE



Larger capacities available. Please contact your Matsui representative for details.

REGRIND RATIO VALVE	JSV-38	JSV-50
PORT SIZE	1.5" Ø	2.0" Ø
REQUIRED AIR PRESSURE	50 - 70 PSI	50 - 70 PSI
DIMENSIONS (INCHES)	9.9 X 8.7 X 13.2	9.9 X 8.7 X 13.2