



# Reef SHARXX Low Speed/High Capacity Beside-the-Press Plastic Granulators

For sprues/runners, medium parts, pipe and film



**Medium Duty**

No knife adjustment required

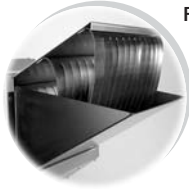
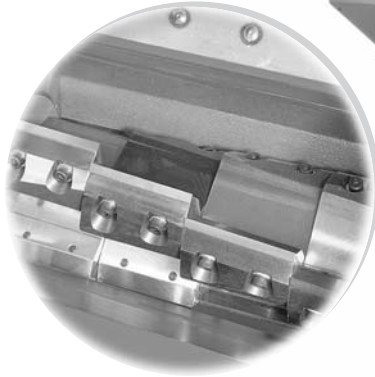
### 3 Blade, Staggered Rotor Design

features more cuts per revolution, resulting in higher throughput and smaller bites that reduce jamming and shearing. Combined with low rotation speed, energy consumption is minimized.

**Scissor cutting action** from the slanted cassette rotor knives provides superior quality regrind.

**Tangential feed** reduces "flyback" and increases granulation capacity.

**Oversized bearings** handle heavier shock loads without bearing wear, reducing the chances of bearing failure.



Removable flaps provide convenient cleaning

85-90 dB Sound-deadening

Tilt-back hopper provides easy access to the cutting chamber for cleaning and service.



Robot and Hand Feed Hopper

110 volt Controls

Gas cylinder assisted hopper



Multiple safety interlocks prevent injury by denying access to the granulator while operating.

Emergency Stop Button



Vacuum Take-Off Tube (1 1/2" - 2 1/2" O.D.)

TEFC Motor (230/460/575 volt)

Solid rotor pulley adds inertia to the rotor to provide more cutting power while utilizing less horsepower.

Heavy-duty construction makes this granulator durable and long lasting, even when used with "tough engineered materials."

Drop-down screen cradle for fast cleanout in response to a change in plastic type and/or color. Provides easy access to the cutting chamber for cleaning and service.

Compact and mobile, **caster-mounted base** saves valuable floor space and provides greater versatility. Casters can be locked once granulator is in place.



Reversible Screen provides even wear to extend the life of the screen.



IMS SHARXX LINE™ is a trademark of IMS Company

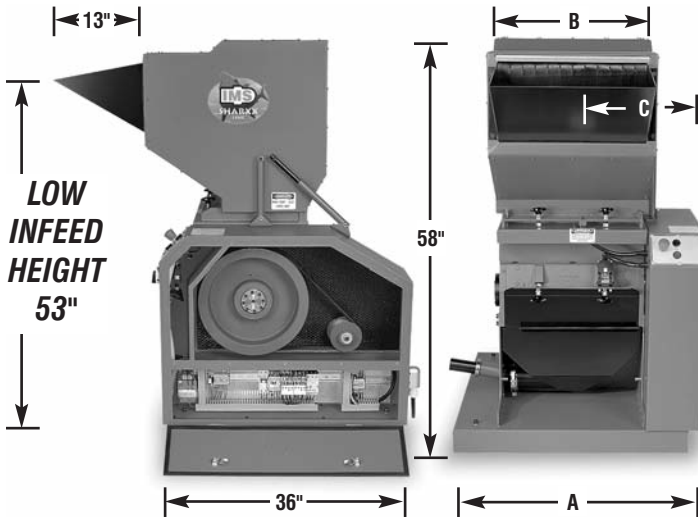


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# Reef SHARXX — SPECIFICATIONS



**IMS REEF SHARXX**

## STANDARD UNIT FEATURES INCLUDE:

- Robot and Hand Feed Hopper
- 85-90 dB Sound-deadening
- 3 Blade, Staggered Rotor Design
- TEFC 5HP (RE 89) or 7.5HP (RE 814, RE 819 and RE 824) Motor (230/460/575 volt)
- Reversible Screen
- Vacuum Take-Off Tube (1 1/2" -2 1/2" O.D.)

Model	Throughput	Cutting Chamber	Base Price
RE 89	0-150 lb/hr	8" x 9.5"	\$10,135
RE 814	0-225 lb/hr	8" x 14"	10,790
RE 819	0-350 lb/hr	8" x 19"	12,170
RE 824	0-450 lb/hr	8" x 24"	14,275

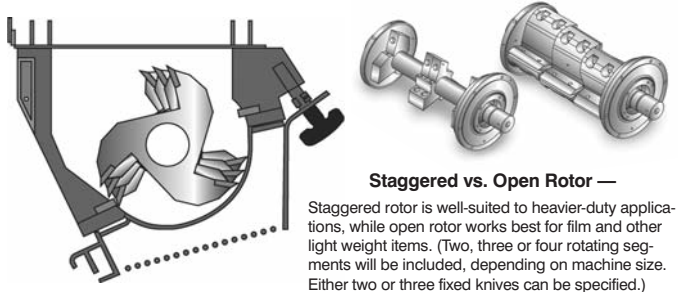
**SPECIFY: 1/4", 5/16", 3/8" or 1/2" Screen and Voltage**

### NOTE

Base Prices include 3 Blade, Staggered Rotor and standard style hopper shown above. Other rotors, hopper styles, motors and electrics available at additional cost — INQUIRE

Design/appearance subject to change without notice

Cutting Chamber	Motor HP	A	B	C
8" x 9.5"	5, 7.5, 10, 15	27"	9.5"	14"
8" x 14"	7.5, 10, 15	32"	14.25"	16"
8" x 19"	7.5, 10, 15	36"	19"	18.5"
8" x 24"	7.5, 10, 15	41"	24"	21.25"



### Staggered vs. Open Rotor —

Staggered rotor is well-suited to heavier-duty applications, while open rotor works best for film and other light weight items. (Two, three or four rotating segments will be included, depending on machine size. Either two or three fixed knives can be specified.)

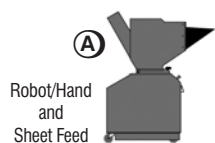
## — OPTIONS (Inquire for prices) —

	RE 89	RE 814	RE 819	RE 824
<b>ROTORS</b>				
3 Blade, Staggered Rotor	Std.	Std.	Std.	Std.
3 Blade, Open Rotor	Inq.	Inq.	Inq.	Inq.
<b>MOTORS</b>				
5 HP (Low Speed)	Std.	—	—	—
7.5 HP (Low Speed)*	Inq.	Std.	Std.	Std.
5 HP	N/C	N/C	N/C	N/C
7.5 HP	Inq.	N/C	N/C	N/C
10 HP	Inq.	Inq.	Inq.	Inq.
15 HP*	Inq.	Inq.	Inq.	Inq.
<b>CONTROLS</b>				
230 or 460 or 575 Voltage	Std.	Std.	Std.	Std.
208 Voltage	Inq.	Inq.	Inq.	Inq.
<b>HOPPERS</b>				
(A) Robot / Hand & Sheet (4" Max. Depth)	Inq.	Inq.	Inq.	Inq.
(B) Front & Side (4" x 4")	Inq.	Inq.	Inq.	Inq.
(C) "GOBLIN" Style Hopper & Flare	Inq.	Inq.	Inq.	Inq.
(D) Conveyor Feed	Inq.	Inq.	Inq.	Inq.
(E) Roll Feed	Inq.	Inq.	Inq.	Inq.
(E) Sheet/Profile Feed	Inq.	Inq.	Inq.	Inq.
<b>UNLOADING</b>				
Collection Bin	Inq.	Inq.	Inq.	Inq.
Vacuum Take-Off Tube (1.5"-2.5" O.D.)	Std.	Std.	Std.	Std.
<b>SPECIAL OPTIONS</b>				
(F) 80-85 dB Base Sound Enclosure	Inq.	Inq.	Inq.	Inq.
Gearbox Speed Reduction (3HP)	Inq.	Inq.	Inq.	Inq.
Gearbox Speed Reduction (5HP)	Inq.	Inq.	Inq.	Inq.
High Level Alarm	Inq.	Inq.	Inq.	Inq.
High Amp Alarm	Inq.	Inq.	Inq.	Inq.
Hardened Cutting Chamber	Inq.	Inq.	Inq.	Inq.
Preadjustable Knife Fixture	Inq.	Inq.	Inq.	Inq.
3rd Bed Knife	Inq.	Inq.	Inq.	Inq.
Stitch Reduced Screen/Cradle in Lieu of Std.	Inq.	Inq.	Inq.	Inq.
Tungsten Carbide Knives in Lieu of Std. (Open Rotor)	Inq.	Inq.	Inq.	Inq.
Nitrocarburized Screen in Lieu of Standard	Inq.	Inq.	Inq.	Inq.
Incline Conveyor	Inq.	Inq.	Inq.	Inq.
<b>BLOWER EVACUATION</b>				
1.5 HP	Inq.	Inq.	Inq.	Inq.
<b>SPECIAL PAINT</b>				
One Color / Exterior Only-Enamel	Inq.	Inq.	Inq.	Inq.

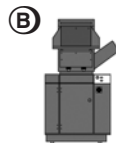
SOUND ENCLOSURES FOR BLOWERS:	FLOOR	FILTER HEAD	# OF BAGS
1.5 HP	Inq.	Inq.	1

\*Not 208 Voltage

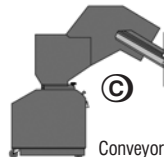
NOTE: Hopper illustrations are conceptual. Actual appearance may vary.



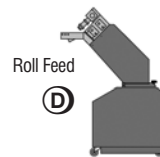
Robot/Hand and Sheet Feed



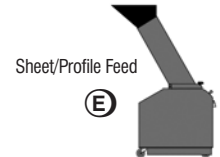
Front and Side Feed



Conveyor Feed



Roll Feed



Sheet/Profile Feed



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