



IMS Select

# Great White SHARXX High Capacity Central Plastic Granulators

For sprues/runners, parts, pipe, film, web scrap and purgings



### 3 or optional 5 Blade, Open Rotor Design

**3 blade rotor** is designed for bulky blow molded and thicker walled voluminous parts.

**5 blade rotor** is designed for higher output applications like film and small parts. Either two, three or four fixed knives can be specified for both rotor configurations.

**High shear double scissor-cut rotor knives** produce superior quality regrind, and reduce energy consumption, frictional heat and noise.

Adjustable rotating knives maintain a constant cutting circle and the same clearance between rotating and fixed knives.

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

### Zero Speed Switch

If rotor speed drops below 200 RPM, the **zero speed switch** counts pulley revolutions and cuts power to the motor. This protects the motor and shaft from strain.

### Heavy Duty

**Solid rotor pulley** provides high inertia for smooth operation. The standard rotor shaft is extended to allow an (optional) extra flywheel to be fitted for increased inertia.

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

**Pneuvay Unloading Tube** (not shown)

**TEFC 100HP Motor** (230/460 volt)

**Oversized bearings** to handle heavier shock loads without bearing wear, reducing the chances of bearing failure. Extended rotor journal accepts (optional) additional flywheel.

### 5 Blade, Open or optional 20 Blade, Staggered Rotor Design

**5 blade open rotor** is designed for higher output applications like film and small parts. **20 blade staggered rotor** with more cuts per revolution, results in higher throughput. Smaller bites reduce the chance of jamming or shearing. Cutting is cleaner, quieter and uses less energy.

**High shear scissor-cut Herringbone "V" rotor knives** produce superior quality regrind, and reduce energy consumption, frictional heat and noise. Adjustable rotating knives maintain a constant cutting circle and the same clearance between rotating and fixed knives.

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

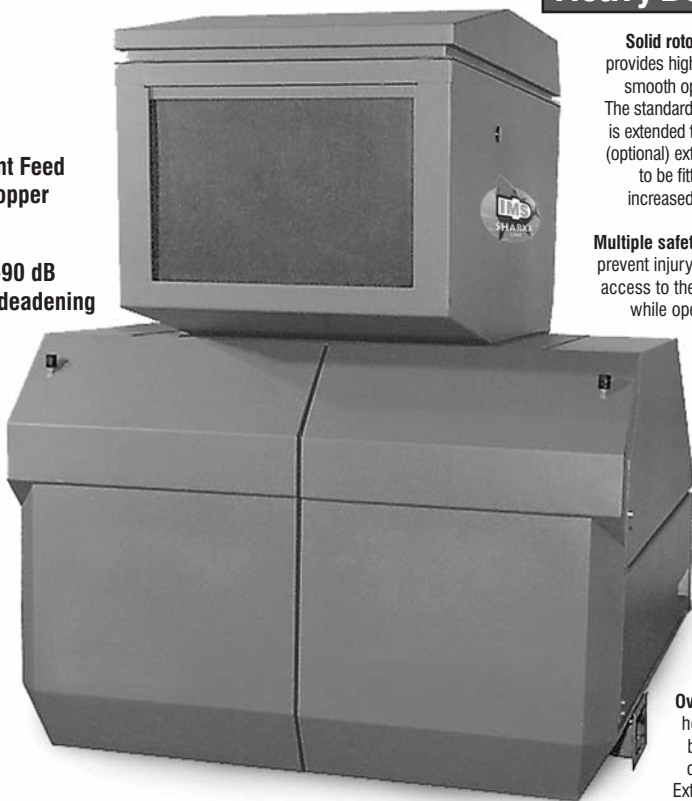
**Side Feed Hopper**

**90-95 dB**

**Reversible Screen** provides even wear to extend life.

**Front Feed Hopper**

**85-90 dB Sound-deadening**



Vibration Pad Base

Designed for easy access to all components. Both the hopper and screen cradle pivot away from the rotor, providing simple access for routine **easy cleaning and maintenance**.

**High-carbon/High-chrome steel, adjustable rotor knives and fixed bed knives**

**Air/Ball Screw Cylinder Assisted hoppers and screen cradle**

IMS SHARXX LINE™ is a trademark of IMS Company

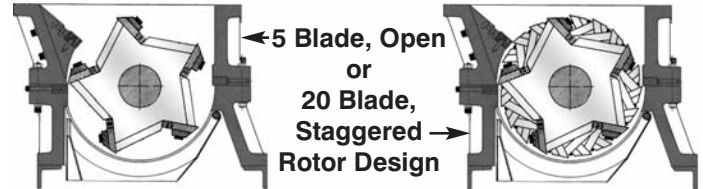
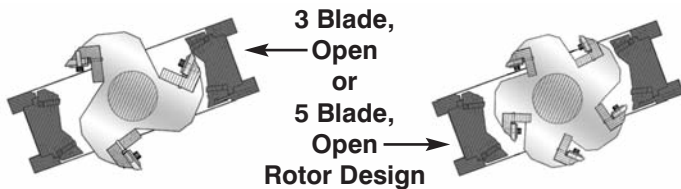
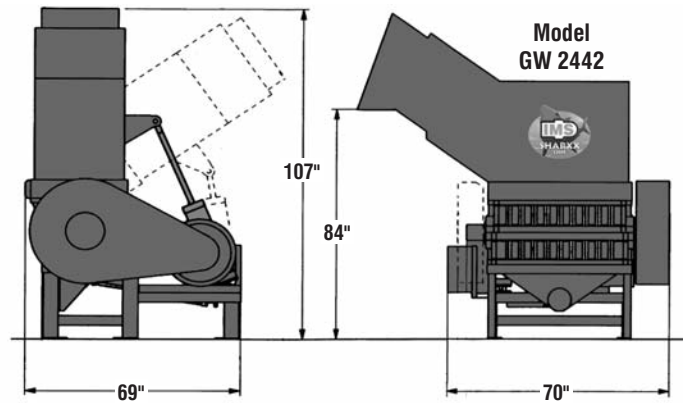
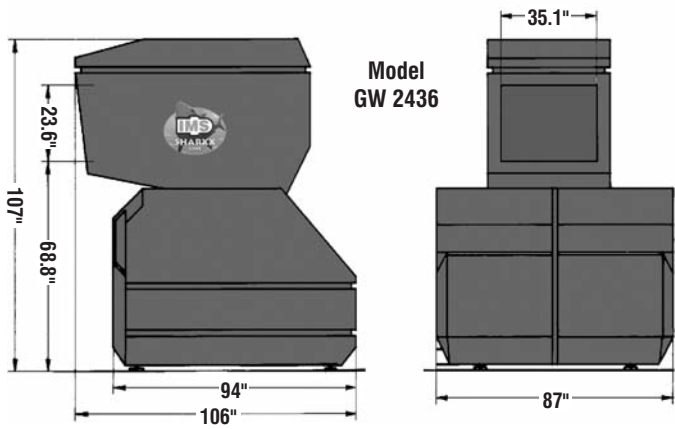


[www.imscompany.com](http://www.imscompany.com) | phone order toll-free (USA & Canada) **1.800.537.5375**

fax order toll-free (USA & Canada) | phone order toll-free (Mexico) | tech support toll-free (USA & Canada) | e-mail  
**1.888.288.6900** | **001.888.304.1307** | **1.866.467.9001** | [sales@imscompany.com](mailto:sales@imscompany.com)



# Great White SHARXX — SPECIFICATIONS



## IMS GREAT WHITE SHARXX

### STANDARD UNIT FEATURES INCLUDE:

- Hopper with Air/Ball Screw Cylinder Assist
- 3 Blade, Open Rotor (GW 2436) or 5 Blade, Open Rotor (GW 2442)
- TEFC 100HP Motor (230/460 volt)
- Zero Speed Switch
- Pneuvay Unloading Tube

Model	Throughput	Cutting Chamber	Base Price
GW 2436	0-2000 lb/hr	24" x 36"	\$90,120
GW 2442	0-4000 lb/hr	24" x 42"	87,650

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

#### NOTE

Base Price includes 3 Blade Rotor (GW 2436) or 5 Blade Rotor (GW 2442) and standard style hoppers shown above. Other rotors, hopper styles, motors and electrics available at additional cost — **INQUIRE**  
Design/appearance subject to change without notice

(A)

Presetting knives in the (optional) jig reduces downtime and provides optimum knife clearance.



### — OPTIONS (Inquire for prices) —

	GW 2436	GW 2442
<b>ROTORS</b>		
3 Blade, Open Rotor	Std.	—
5 Blade, Open Rotor	Inq.	Std.
5 Blade, Reinforced Rotor	—	Inq.
20 Blade, Staggered Rotor	—	Inq.
<b>MOTORS</b>		
75 HP	Inq.	Inq.
100 HP	Std.	Std.
125 HP **	Inq.	Inq.
<b>CONTROLS</b>		
208 or 230 or 460 or 575 Voltage**	Inq.	Inq.
For 125 HP Motor**	Inq.	Inq.
<b>HOPPERS</b>		
Front & Sheet	Inq.	Inq.
Front & Side	Inq.	Inq.
Conveyor Feed	Inq.	—
85-90 dB Double Walled Hopper	Std.	Inq.
Single Wall Hopper (non-soundproofed)	Inq.	Std.
Air/Ball-Screw Cylinder Assist	Std.	Std.
<b>UNLOADING</b>		
Pneuvay Tube	Std.	Std.
<b>SPECIAL OPTIONS</b>		
2nd Flywheel, 3rd Bed Knife, 20 Blade Staggered Rotor	—	Inq.
80-85 dB Sound-deadening	Inq.	Inq.
2nd Flywheel	Inq.	Inq.
3rd Bed Knife	Inq.	Inq.
4th Bed Knife	Inq.	—
Zero Speed Switch	Std.	Std.
High Level Alarm	Inq.	Inq.
High Amp Alarm	Inq.	Inq.
Vibration Pads	Std.	Inq.
Nitrocarburized Screen in Lieu of Standard	Inq.	Inq.
Preadjustable Knife Fixture	Inq.	—
Incline Conveyor	Inq.	Inq.
<b>BLOWER EVACUATION</b>		
7.5 HP	—	Inq.
10 HP Direct Drive	Inq.	Inq.
15 HP Belt Drive (no ducting)	Inq.	Inq.
<b>SPECIAL PAINT</b>		
One Color / Exterior Only-Enamel	Inq.	Inq.

SOUND ENCLOSURES FOR BLOWERS:	FLOOR	FILTER HEAD	# OF BAGS
7.5 HP	Inq.	Inq.	6
10 HP	Inq.	Inq.	6

\*\* 460 / 575 Voltages Only



[www.imscompany.com](http://www.imscompany.com)

phone order toll-free (USA & Canada)

**1.800.537.5375**

fax order toll-free (USA & Canada)

phone order toll-free (Mexico)

tech support toll-free (USA & Canada)

e-mail

**1.888.288.6900**

**001.888.304.1307**

**1.866.467.9001**

**sales@imscompany.com**

