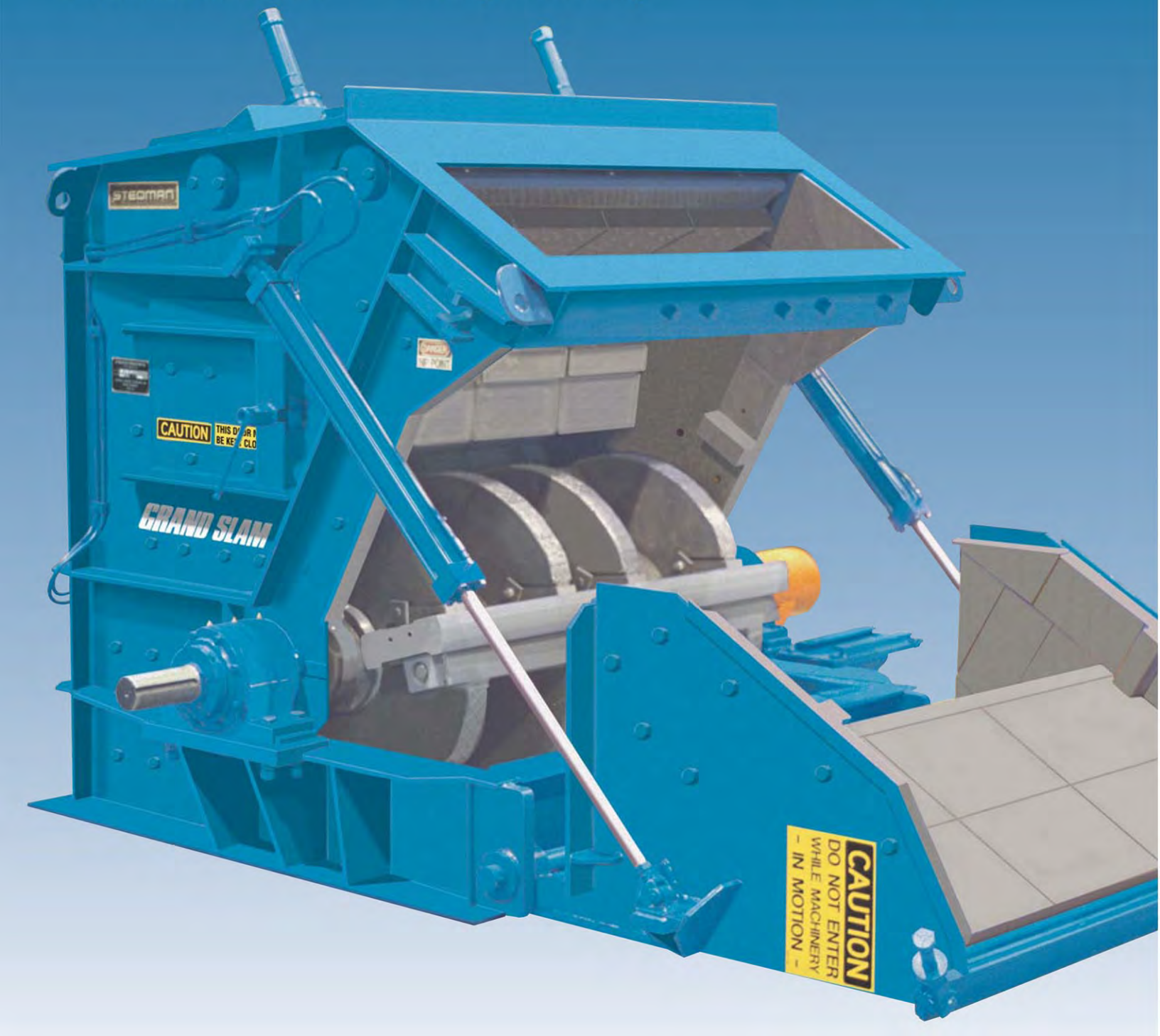
STEDMAN

CATALOG NO. 630

GRAND SLAM™

Secondary Impact Crusher

- High crush count with cubical product
- Low initial investment
- Interchangeable wear parts
- Exclusive rotor lock table for easy serviceability
- Adjustable product control
- Low operating cost



PROVEN

Advanced design, high performance secondary impactor

The field-proven, Stedman Grand Slam secondary impactor will give you years of dependable and profitable service. Innovative features make it superior in performance to any of its type today.

- High reduction ratios up to 20:1
- Cubical product with high crush count
- Selective crushing by speed and breaker plate adjustment

Available in 12 low maintenance, minimum downtime models

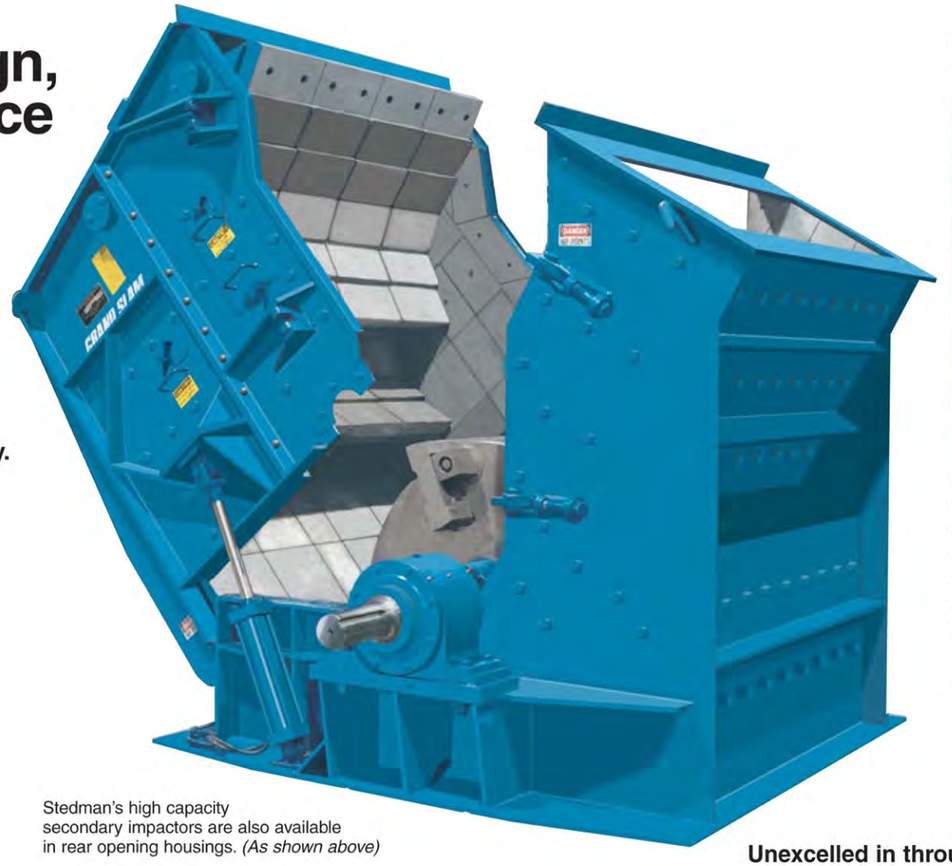
- Recommended for limestone, gravel, slag, glass and asphalt reclamation
- Capacities from 20 to 700 TPH
- Units can be portably mounted for ease of transport

Interchangeable breaker bars, breaker plates and side liners for all models

- Save by not stocking different wear parts for several machines
- Side liners have just three shapes
- Interchangeable breaker bars offered in 2-1/4″, 3″ or 4″ thicknesses and several alloys – including hi-chromes, alloy steel or manganese steel
- Multiple settings provided for breaker bars

Design simplicity offers safe, easy access for breaker bar replacement

- Unexcelled access provided to all areas of the crushing chamber
- Front opening feature eliminates need for a crane
- If preferred, Stedman offers a rear opening housing on all models

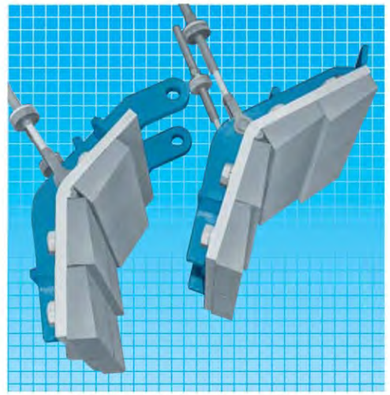


Stedman's high capacity secondary impactors are also available in rear opening housings. *(As shown above)*

Full-length rotor shaft with taper lock mounting for easy on-site servicing

2-row, 3-row or 4-row rotors are available depending on rotor diameter. Rotor construction is heavy-duty, open disc, welded, stress relieved and statically balanced. The rotor is mounted on an oversized full-length shaft with taper lock elements between the shaft and the end disks. The shaft is supported by large diameter self aligning spherical roller bearings that are taper sleeve mounted. Bearings are mounted in special Stedman design housings consisting of one piece blocks with cover plates.

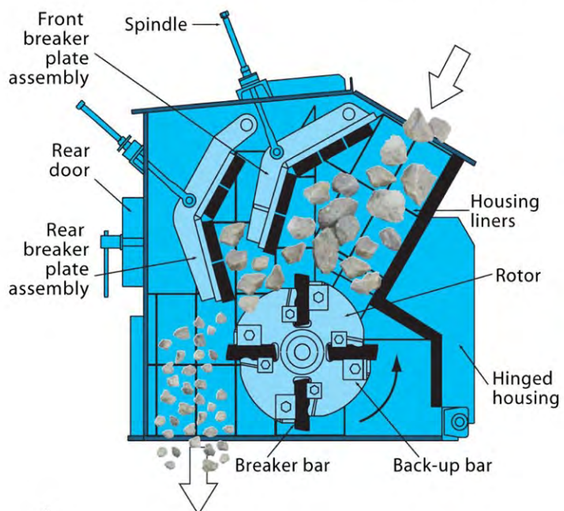
Breaker plate assemblies built for real punishment



Stedman's Grand Slam provides new, advanced crusher chamber design. Breaker plate assemblies are built to withstand tremendous assault. Heavy-duty breaker plates are 3" tapered heat-treated hi-chrome or alloy steel for extended service and superior resistance to highly abrasive feed.

Unexcelled in throughput

Feed enters the primary crushing chamber and meets the breaker bars which impel the feed against the front breaker plate. This action and the collision of material against new feed results in impact reduction. Material sufficiently reduced in the primary chamber passes by the front breaker plate and enters the secondary chamber for final reduction. Breaker plates are shaft suspended at the front and suspended from a spindle in the rear, allowing for continuous gap adjustment as wear progresses and assuring superior product control.

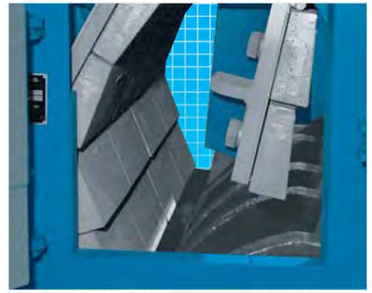


PRODUCTIVE

Rear and side door access

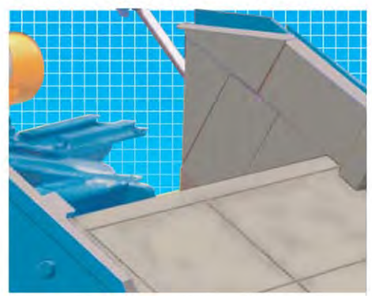
Three doors are standard on larger models.

Simple gap adjustment



Rear and side doors permit easy access for gap adjustment when and as required.

Interchangeable side liners

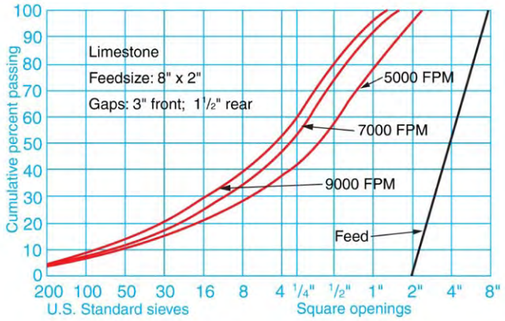


2" thick side liners are standardized on all models for interchangeability.

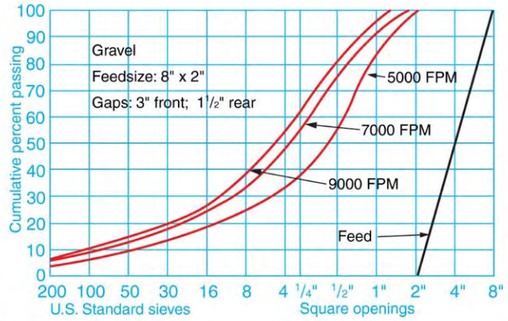
Typical gradations for various feeds

• Actual values may change due to mineral characteristics, feed size and rate

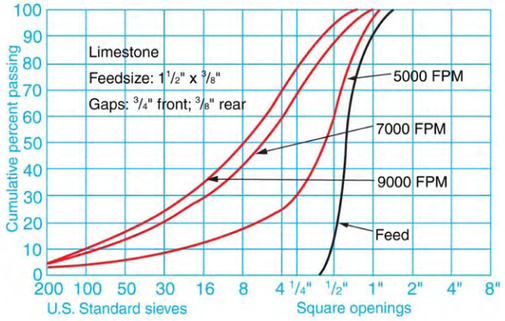
Limestone



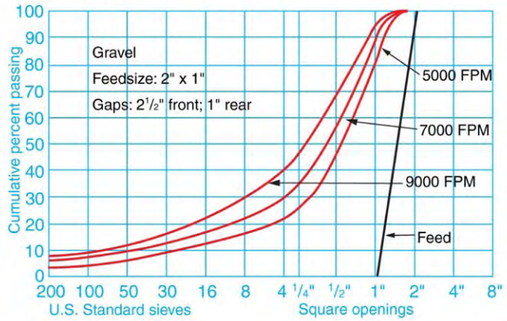
Gravel



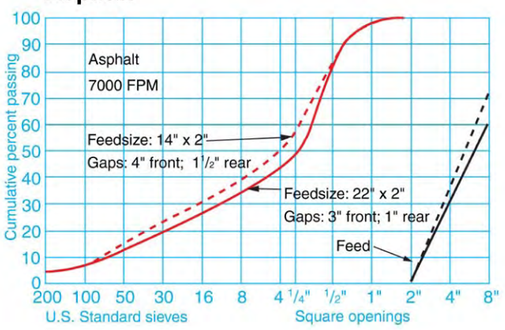
Limestone



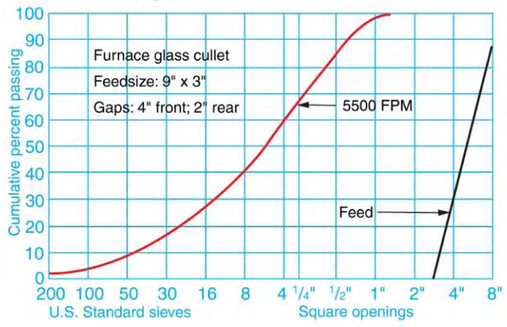
Gravel



Asphalt



Furnace glass cullet



We invite you to test your product in a Grand Slam

Just send us a 1200-1500 lb. sample of your feed for evaluation on full-size equipment in our Size Reduction Testing Plant. For Catalog No. 617, describing our testing capabilities, call 1-800-262-5401 or send an e-mail to: sales@stedman-machine.com.

VERSATILE

EXCLUSIVE

One-man changeout of breaker bars

Once the hinged front housing is lowered, the breaker bar retainer plate is removed. The exclusive Stedman rotor lock table, in the foreground, allows horizontal removal of the breaker bars.

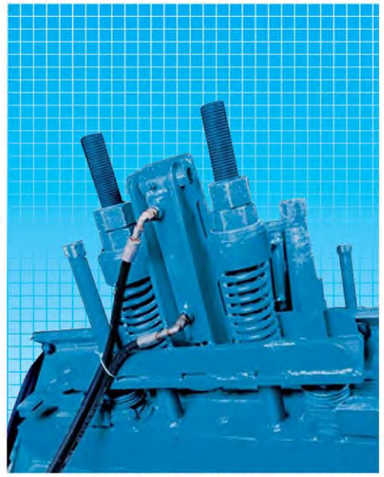
The rotor lock table slides inside the bracket grooves, contacting the rotor. The back-up bar is completely encircled by the open pipe end and locked with a retaining pin.

Finally, the wedge stop blocks are removed along with the wedges. The breaker bar can then be removed or rotated easily once it is levered outside the housing.

Spring bridge

Standard on 30" and 36" dia. rotors, this bridge assures accurate product control.

Optional shim kit

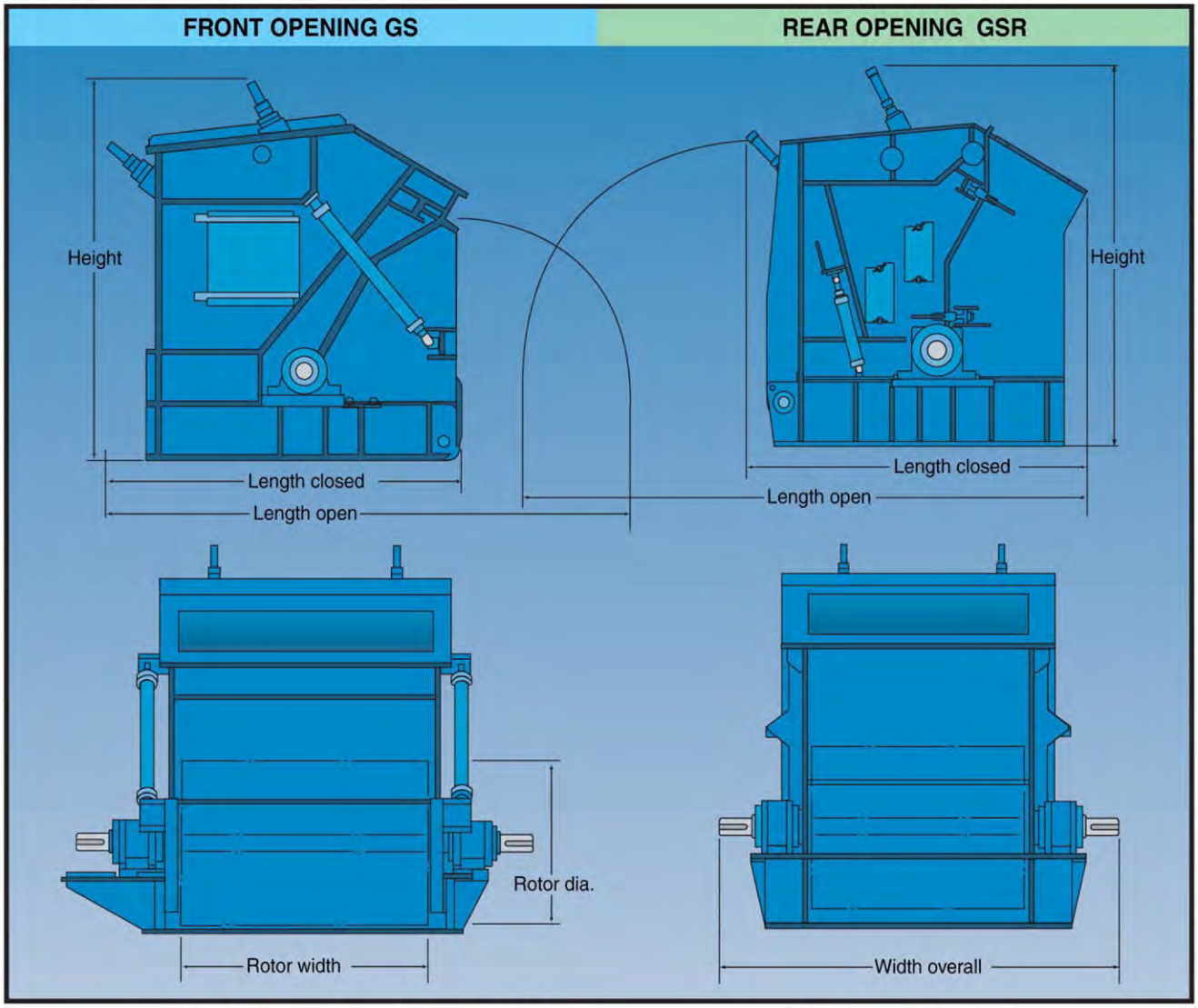


Hydraulic shim kits eliminate costly downtime with adjustable gap settings.

Hydraulic pump with all models

Sized for each model, this pump allows one-man opening of the hinged housing.

Grand Slam Specifications[1]



Model Number	Rotor Dia. x Rotor Width Inches	Capacity Range[2] TPH	Net Inlet Opening H x W Inches	Height Inches	Width (Overall) Inches	Length Closed/Open Inches	Crusher Weight Lbs.
GS 3030 [3]	30 x 30	20 - 30	15 x 31	75	77	74 113	10,500
GS 3630 [3]	36 x 30	30 - 50	16 x 31	84	84	79 127	14,600
GS 4230	42 x 30	65 - 110	19 x 31	94	84	87 142	18,300
GSR 4260 [5]	42 x 60	130 - 200	19 x 61	94	114	98 137	27,500
GS 4260	42 x 60	130 - 200	19 x 61	94	114	87 142	27,700
GSR 4860 [5]	48 x 60	180 - 300	21 x 61	100	120	109 145	33,900
GS 4860	48 x 60	180 - 300	21 x 61	100	120	102 153	34,100
GSR 5460 [5,4]	54 x 60	220 - 350	23 x 61	123	129	113 162	47,000
GS 5460 [4]	54 x 60	220 - 350	23 x 61	123	129	108 175	46,300
GS 5490 [4]	54 x 90	350 - 600	23 x 91	123	159	108 175	64,400
GSR 6460 [5,4]	64 x 60	330 - 500	26 x 61	137	130	125 180	56,200
GS 6460 [4]	64 x 60	330 - 500	26 x 61	137	130	120 189	56,700
GS 6490 [4]	64 x 90	420 - 700	26 x 91	137	162	120 189	75,300

[1]Technical data subject to change without notice. [2]Medium limestone. Throughput capacities vary with material characteristics, feed & product size & breaker bar gap settings. [3]Spring bridge standard on these models. [4]Hydraulic assist for breaker plate assembly adjustment standard on these models. [5]GSR designates rear opening unit.

SERVICEABLE

STEDMAN™ SINCE 1834

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