

STEDMAN

GRAND SLAM™

Impact Crusher



- **Less Downtime**
- **High Throughput**
- **Fewer Wear Parts**
- **Minimal Maintenance**
- **Wide Range of Feed Sizes**



Partnering with customers, Stedman provides consulting services, custom design and layout, project planning and full scale testing to ensure you have the right machine for the right job. The Grand Slam™ Series draws from Stedman's years of experience with impactor-based technologies to give customers what they need to remain productive and profitable...

- Operates as both a primary and secondary crusher, doing the job of two machines
- Rapid return on investment
- Increased crushing capacity so circuit runs more efficiently
- Uses less horsepower per ton for lower operating cost
- Increases throughput
- Reduces maintenance costs

Delivering Desired Results:

From wet and tacky to hard and abrasive materials, the Grand Slam impactor will keep you more productive and run more efficiently than any crusher on the market. With its two-stage crushing action, the Grand Slam delivers higher throughput, making it the right machine for any application, including...

- Crushing clay, shale, grog and brick bats
- Crushing off-spec floor tile, webbing and extruder plugs
- Reducing and recycling aluminum dross and salt cake
- Crushing scrap carbide for reprocessing
- Reducing and recycling glass materials
- Recycling battery casings and cores
- And many other applications

14 High-Production, Low-Maintenance Models:

The rugged Grand Slam design delivers maximum uptime for higher productivity, making you more profitable. Grand Slam design advantages include...

- The two-stage crushing action produces more spec product the first time through
- Eliminates the cost and space requirements of a 2nd crusher and sometimes a 3rd
- High chrome blow bars deliver up to seven times the wear life of manganese
- A wide range of production capacities up to 700 TPH

Save Time and Money with One-Man Breaker Bar Changeout:

The impactor's unique design allows for fast, safe reversal or removal of rotor breaker bars. Opening the hinged front or rear housing allows unobstructed access to all areas of the crushing chamber and rotor. With minimal downtime, the rotor lock table allows breaker bars to be rotated or replaced by one person.

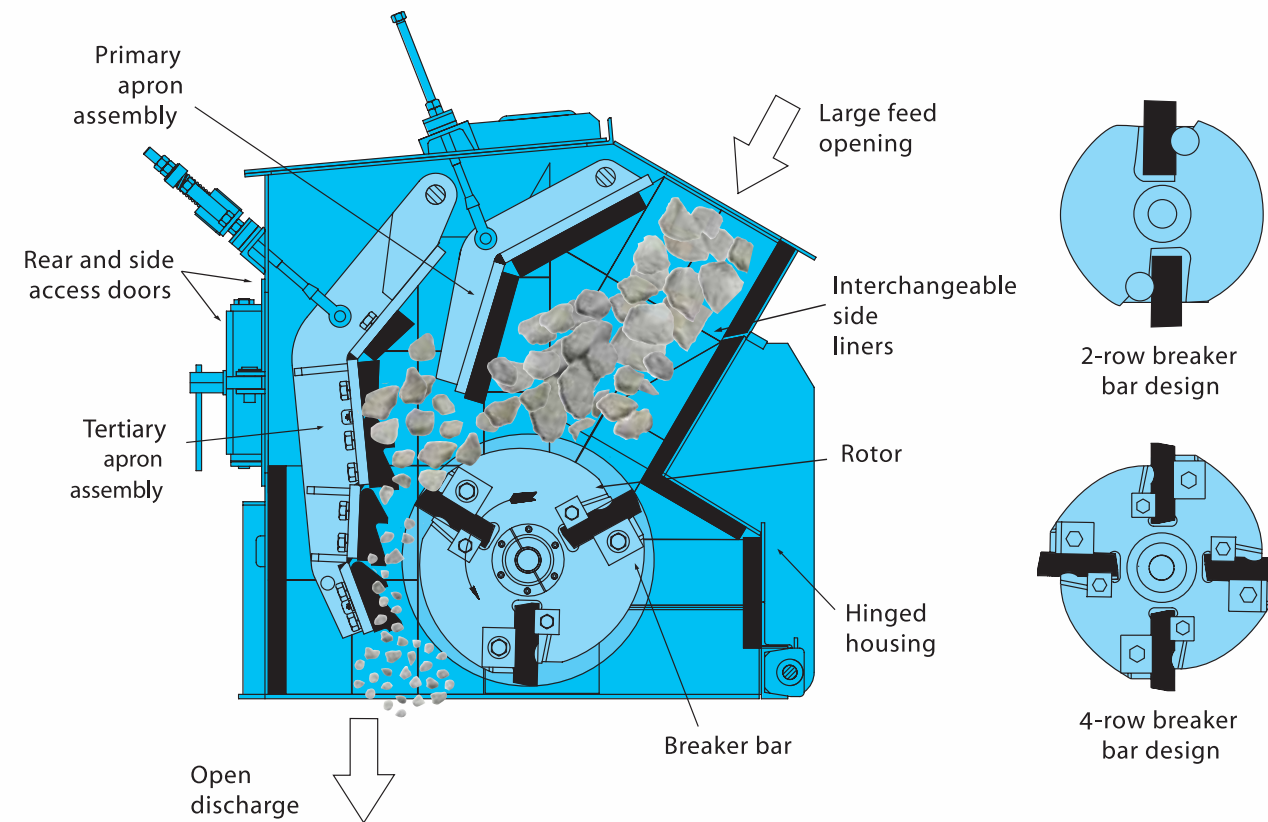


Rotating or replacing breaker bars is as simple as:

- Opening the hinged housing
- Removing the breaker bar retainer plate
- Sliding the rotor lock table inside the bracket grooves
- Engaging the back-up bar and locking into place
- Removing wedge stops and wedges
- Removing bars to rotate or replace

Providing Customer Solutions For Over 170 Years.

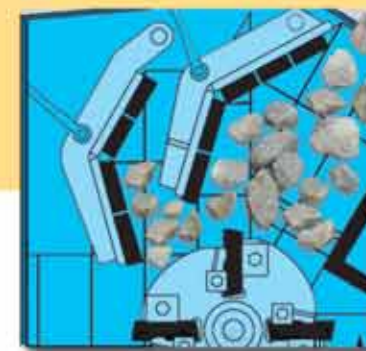
The Best in Throughput: The Grand Slam's two-stage crushing action delivers up to a 30:1 material reduction for more properly sized material the first time through. An open discharge eliminates any clogging or build-up of material exiting the crushing chamber. These features combine to deliver unmatched throughput of any competitive machine on the market.



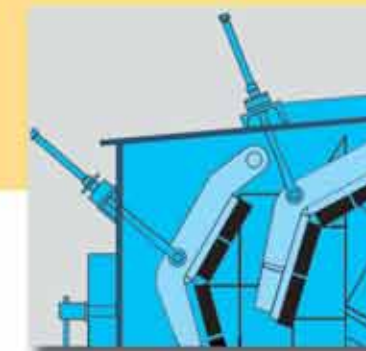
The Grand Slam's Two-Stage Size Reduction:



Breaker bars impel material against the primary apron for initial reduction.



Reduced material passes through to secondary apron for final size reduction.



Adjustable aprons allow for precise gap adjustment, assuring superior sized product.

Time Saving Optional Equipment



Apron Heaters

Minimize build up with apron heaters — Installing heaters on the feed chute, primary and secondary aprons minimize buildup in wet & sticky applications, such as clay, shale and glass.



Air Cannons

Reduce cross-color contamination with air cannons — By discharging a blast of air into the crushing chamber, the air cannon quickly and easily dislodges material buildup in the crushing chamber.



Shim Kits

Eliminate costly downtime with adjustable gap settings with shim kits — Stedman Hydraulic Shim Kits help you maintain the desired gap settings on Stedman crushers. Costly downtime is eliminated. Adjustment is easy. Everything needed to get your impactor crushing to size again is included in the kits.

Additional Savings:

Customized Designs

To help meet specific operational needs, Stedman can customize the intake hood, crusher support structure, discharge box and conveyor to make the crushing circuit operate at peak efficiency.

Full-Size Test Lab Advantage

Many times, the capacities of field size equipment are misstated when performed on scaled-down lab equipment. That's why Stedman will test all products from A to Z in its full-size testing facility. Stedman's unique test lab assures you're buying the right equipment for the application and production requirements. After testing you will receive a confidential, written technical report detailing:



- Moisture content analysis
- Gilson screening of raw feed particle size distribution
- Product gradation analysis
- Abrasion test results
- Estimated metal replacement costs
- Horsepower consumption

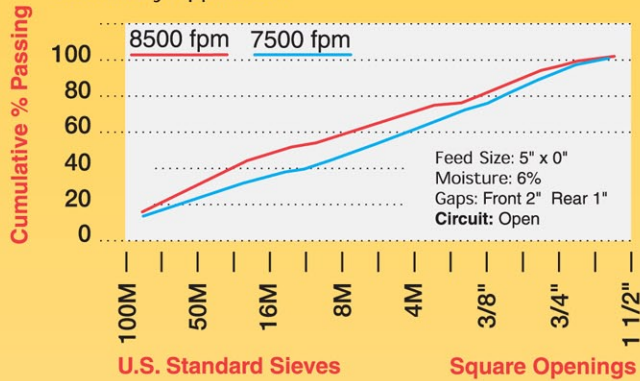
Over the years, the Stedman Test Lab has compiled more than 10,000 test evaluations. We may have performed a test in the past that is similar to your requirements, which will save you testing time and money.

Typical Gradations For Various Feeds*

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

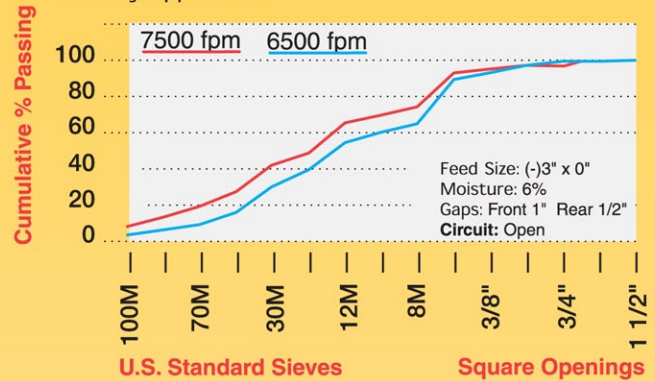
Clay, Grog & Shale Mixture

Secondary Application



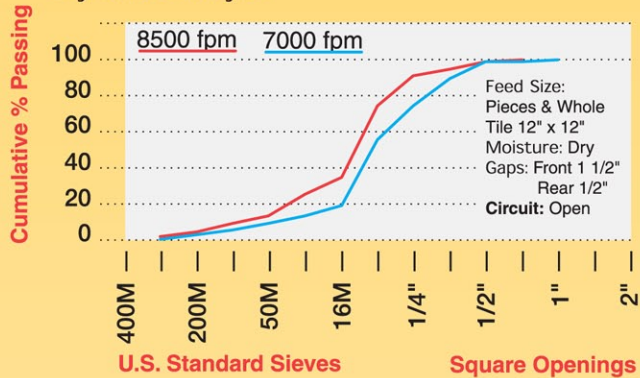
Clay, Grog & Shale Mixture

Tertiary Application



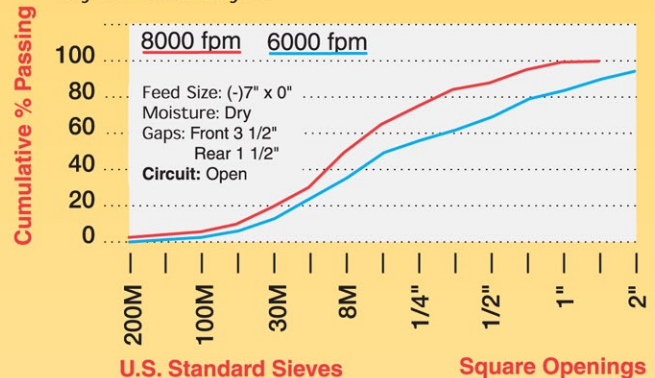
Scraped Floor Tile

Dry Screen Analysis



Aluminum Dross

Dry Screen Analysis



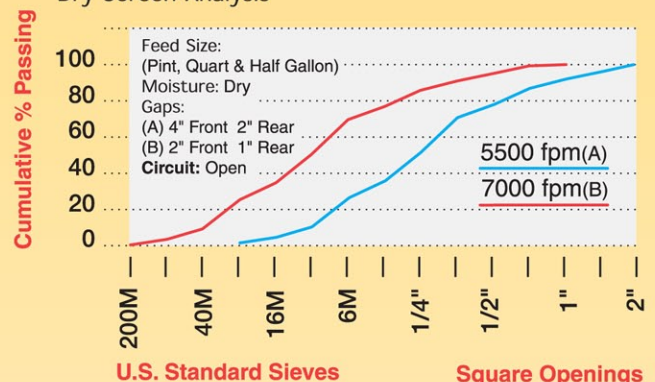
Scrap Tungsten Carbide Pieces

Dry Screen Analysis



Glob(A)/Whole Glass Bottles(B)

Dry Screen Analysis



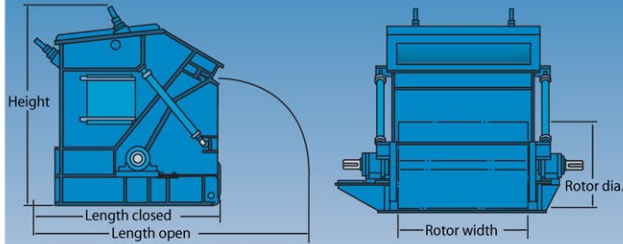
After Market Support:

Contact with Stedman doesn't stop after your equipment purchase. We employ a full staff of service technicians and parts support personnel whose primary goal is to keep you up and running. At Stedman you will be backed by...

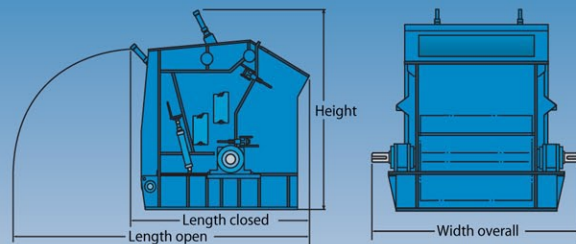
- 24-hour emergency parts service by calling 800-262-5401
- Having replacement parts where and when you need them
- Assistance in finding parts for older machines
- Crusher rebuilds performed at our factory, complete with a new crusher warranty
- Packaging parts for an in-plant rebuild

Grand-Slam™ Specifications

FRONT OPENING GS



REAR OPENING GSR



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 2424	24 x 24	5 - 10	17 x 26	62	64	70	83	5,000
GS 3030 ³	30 x 30	20 - 30	15 x 31	75	77	74	113	10,600
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.

Stedman has all the size reduction equipment you might need and the engineering experience to make it work within your existing process.



**Mega Slam
Primary
HSI**



**Cage
Mills**



**Aurora™
Dual Rotor
Crushers**



**Micro-Max™
Fine Grind
Air Swept
Mills**



**V-Slam™
Vertical
Shaft
Impactors**



**Waste
Recyclers**



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