

## Silex Jaw Crusher™

### The Ultimate Solution for Primary Crushing

For aggregate producers and mineral processing operations demanding the highest levels of reliability and efficiency, TerraSource Global proudly presents the Silex Jaw Crusher™. Engineered as a single-toggle jaw crusher, this powerful machine is designed to handle the toughest materials with precision and durability, making it the preferred choice for primary crushing applications in the aggregates and mineral ore industries.

### Built for Performance and Longevity

The Silex Jaw Crusher™ is the most rugged and dependable jaw crusher available today. Its robust construction and efficient design allow it to process a wide variety of materials, including iron ore, zinc, gold, limestone, dolomite, quartz, gravel, trap rock, and more. Whether you operate a quarry, cement plant, or aggregate processing facility, this crusher is engineered to maximize uptime and operational efficiency.

### Upgrade Your Crushing Operation Today

Invest in the Silex Jaw Crusher™ and experience the difference in productivity and efficiency. Contact TerraSource Global today to learn more about how this industry-leading crusher can maximize your investment and improve your bottom line.



*Get in Touch Now!  
Visit our website  
or speak with our  
experts to find the  
perfect crushing  
solution for your  
operation.*



### Key Features and Benefits

- **Single-Toggle Mechanism** – Efficiently compresses material against a fixed jaw for reliable primary crushing of hard rock aggregates and mineral ores.
- **Wedge Mechanism for Gap Adjustment** – Ensures precise control over output size, enhancing operational flexibility.
- **Fully Bolted Construction** – Minimizes stress concentration and reduces the risk of cracking, ensuring greater durability and ease of maintenance.
- **Compact & Versatile Design** – Rugged yet space-efficient, allowing for flexible installation across various plant layouts.
- **High Capacity & Throughput** – Handles a maximum feed size of up to 1,100 mm, with models ranging from 100TPH to 450TPH, adapting to different operational demands.
- **Optimized for Various Materials** – Effectively processes limestone, dolomite, quartz, gravel, trap rock, and mineral ores such as iron, zinc, and gold.

## Silex Jaw Crusher™ Specifications

Model	100	150	180	200	220
Feed Opening mm x mm (in x in)	914 x 660 (36 x 26)	1,067 x 762 (42 x 30)	1,143 x 840 (45 x 33)	1,194 x 914 (47 x 36)	1,320 x 1,016 (52 x 40)
CSS Range (mm)	60 - 175	70 - 200	70 - 225	70 - 200	100 - 250
Total Weight kg (lbs)	12,000 (26,455)	19,000 (41,888)	22,000 (48,502)	27,500 (60,600)	44,000 (97,000)
Drive Power kW (hp)	75 (100)	110 (150)	132 (180)	160 (220)	160 (220)
Speed (RPM)	330	260	260	230	220

Closed Side Setting - mm (in)	Capacity (MTPH)				
	100	150	180	200	220
60 (2 3/8)	105 - 135	N/A	N/A	N/A	N/A
70 (2 3/4)	125 - 155	127 - 180	150 - 210	205 - 280	N/A
80 (3 1/8)	140 - 180	160 - 220	170 - 235	240 - 330	N/A
90 (3 1/2)	160 - 200	195 - 230	180 - 270	275 - 370	N/A
100 (4)	175 - 225	208 - 265	205 - 290	305 - 410	245 - 375
125 (5)	220 - 280	260 - 330	250 - 350	395 - 535	295 - 450
150 (6)	265 - 335	310 - 390	310 - 420	490 - 660	340 - 520
175 (7)	310 - 390	360 - 455	340 - 480	575 - 790	390 - 550
200 (8)	N/A	400 - 520	390 - 550	N/A	430 - 645
225 (9)	N/A	N/A	N/A	N/A	480 - 700
250 (10)	N/A	N/A	N/A	N/A	530 - 790

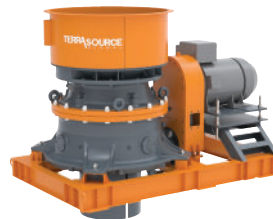
TerraSource Global has a full range of turn-key solutions for all your crushing and feeding operations.



Saxum Fixed-Shaft  
Cone Crusher™



TSG-GF Series  
Grizzly Feeder



Saxum Floating-Shaft  
Cone Crusher™



Tritura Vertica-Shaft  
Impactor™