



PA6060 PRIMARY IMPACT CRUSHER

Designed as a primary crusher for either quarried stone or recycling concrete, the Telsmith PA6060 offers advanced features to deliver a dependable, high performance Primary Andreas-style impact crusher.

The 59-inch solid-type sculptured rotor combines high inertia for performance crushing and the durability to handle up to 40-inch feed. Oversized 220 millimeter wide series roller bearings are larger than industry standards, extending service life beyond normal.

Adjusting the apron setting is fast, safe and easy. Fingertips do the work with handheld controls.

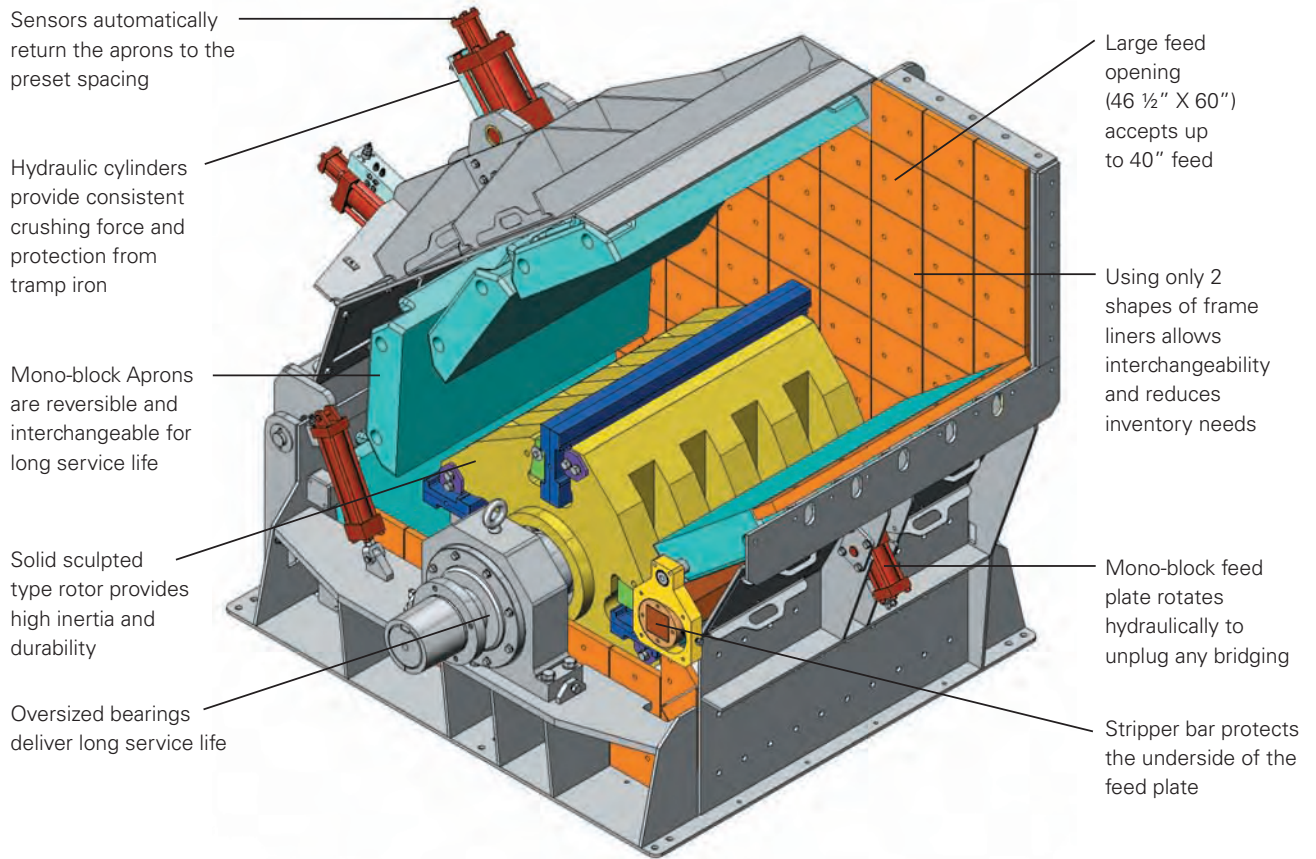
An automated apron reset feature simplifies crusher operation for consistent performance. Hydraulic cylinders equipped with position sensors provide dependable relief when encountering tramp metal. It automatically returns the apron to the pre-set position, allowing continuous crushing and sizing.

A hydraulic tilting feed plate provides operators an easy way to clear problem jam-ups and bridging. Handheld controls tilt the plate for fast and safe clearing.

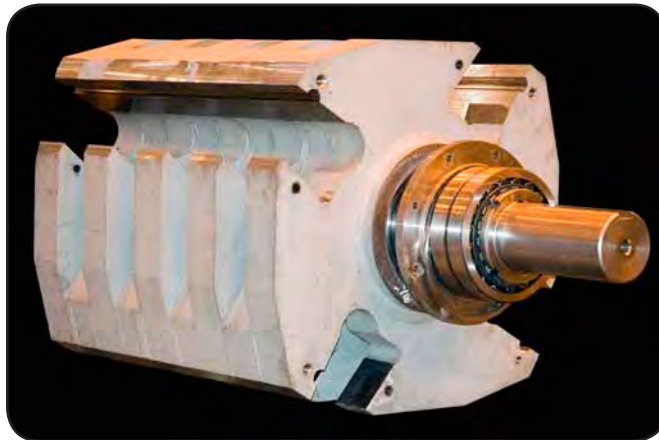
Heavy-duty mono-block aprons provide long life and are interchangeable throughout the PA6060. Additionally, only two shapes of frame liners are used. By utilizing interchangeable wear parts, the PA6060 significantly reduces the “on-site” wear parts inventory needs, simplifying maintenance and reducing operating costs.

The Telsmith PA6060 is versatile and can be mounted on portable plants or into fixed locations with truck dump feed arrangements. Built rugged with advanced operating features, the PA6060 is ideal for primary crushing in mid-sized quarries or concrete recycling.

PA6060 SECTION VIEW:



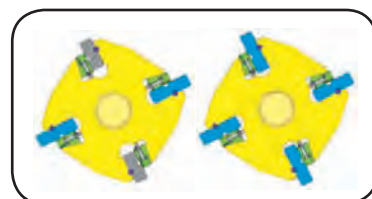
RUGGED SOLID TYPE ROTOR:



A massive solid type sculptured rotor delivers both high inertia for optimum crushing performance and solid backing support for the blow bars. This results in longevity and lower costs, even in rugged primary crushing.



Blow bars are held firmly in place with a locking wedge design. The blow bar is designed for 3 rotations allowing up to 4 wear surfaces.



2 & 4 bar arrangements optimize performance in a variety of applications.

HYDRAULIC ADJUSTMENT AND AUTOMATIC RETURN:

The advanced hydraulic controls on the PA6060 allow the operator to spend more time crushing and less time on maintenance.

- Once an apron "set point" is established, the apron will return to that setting automatically after relief
- Handheld controls are easy, convenient and safe to operate
- Push buttons control all functions including frame open/close, feed plate raise/lower, and upper and lower apron adjustment
- Manual and automatic modes allow various levels of control and protection

Sensors position cylinders for proper settings

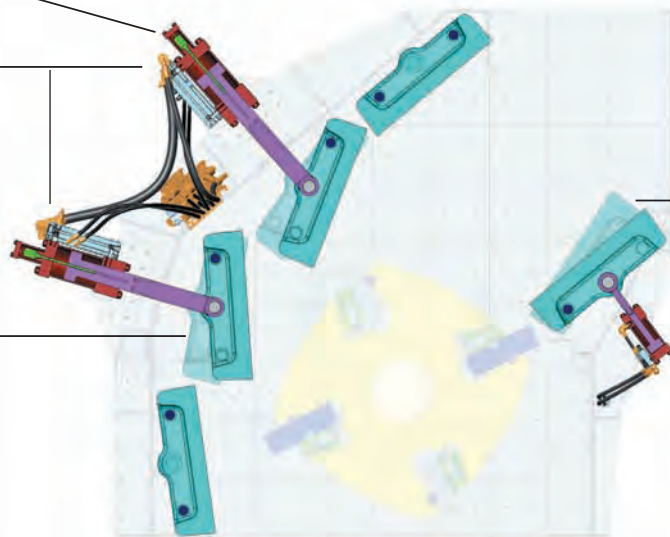
Hydraulic controlled primary and secondary apron adjustment

Mono-block aprons automatically return to preset position after relief

Handheld controls keep the operator safe when clearing bridging or adjusting the settings



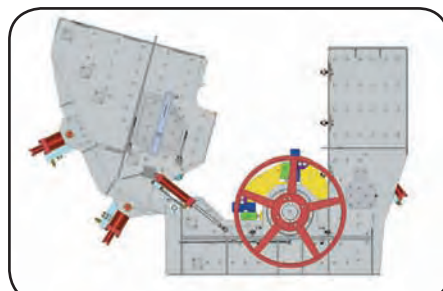
Pivoting feed plate eliminates bridging



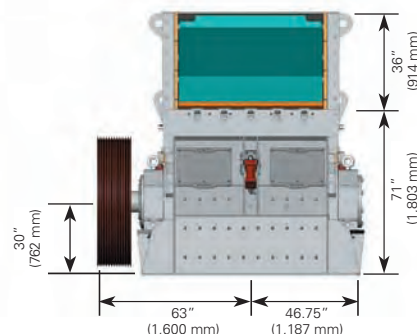
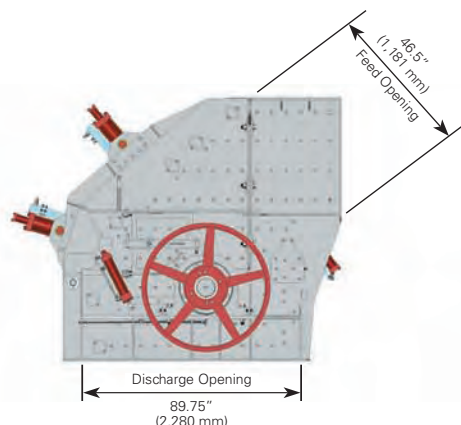
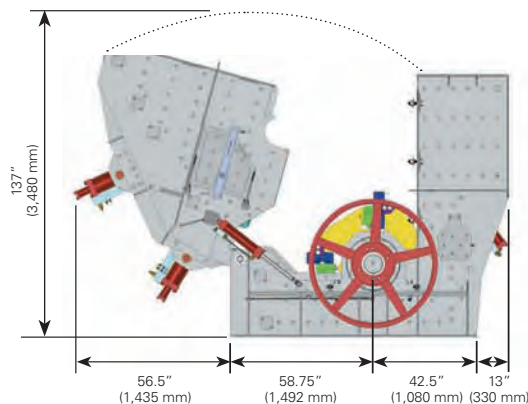
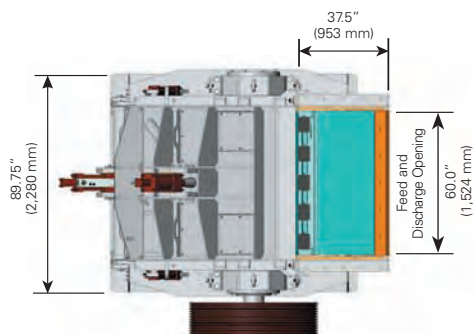
MAINTENANCE FEATURES:



Inspection doors are located on both sides of the PA6060, allowing quick and easy access.



Frame opens hydraulically, allowing safe and fast access for changing blow bars and liners.



Note: Dimensions are approximate, rounded to the nearest 1/4"

TELSMITH

an Astec company

P.O. Box 539
Mequon, WI 53092-0539

Phone: 800-765-6601
262-242-6600
Fax: 262-242-5812

www.telsmith.com
sales@telsmith.com

General Specifications - Model PA6060

	US	Metric
Total weight	61,000 Lbs	27,700 Kg
Recommended motor	400 to 500 HP	300 to 375 Kw
Crusher Sheave options (PD.)	53", 63", 71"	1,346, 1,600, 1,803 mm
Recommended crusher RPM range	350 to 575 RPM	
Rotor tip speed range	5,480 to 8,920 (ft./min.)	1,670 to 2,718 (m/min.)
Rated capacity	350 to 600 STPH	315 to 545 MTPH
Feed opening	46.5" x 60"	1,181 mm x 1,524 mm
Max feed size	40"	1,016 mm
Rotor size	59" x 59"	1,500 mm x 1,500 mm
Rotor weight assembled	27,800 Lbs	12,600 Kg
Moment of Inertia	48,330 Lb. Ft ²	2,0237 Kgm ²
Blow bars	4 rows with one bar per row	
Blow bar thickness	4.5"	114 mm
Blow bar weight	1,050 Lbs	477 Kg
Mono-block weight	2,500 Lbs	1,136 Kg
# of side liner shapes	2	2
Side liner thickness	1.25"	32 mm
Side liner material	AR 400	AR 400
Bearing type	Double row spherical	
Bearing size	220 mm - wide series	
Shaft diameter @ rotor	11.8"	300 mm
Shaft diameter @ sheave	8"	203 mm
Hydraulic tank capacity	10 Gallon	38 Liters
Hydraulic motor	7 1/2 Hp	5.6 Kw

©2006 Telsmith, Inc.
PA6060 HSI Crusher 9/06

TELSMITH an Astec Industries Company

10910 N. INDUSTRIAL DR • MEQUON, WI 53092 USA • 262.242.6600 FAX 262.242.5812 • telsmith.com

