

**TELSMITH**

an Astec company



## TELSMITH MODEL 3258 JAW CRUSHER

Built rugged, the Telsmith 3258 jaw crusher delivers consistent performance, even in the most challenging conditions. Whether it's crushing hard, quarried stone or demolition debris, you can depend on the 3258 technology for high production rates and lower cost per ton.

High production rates are achieved through a wide crushing chamber and large gape. A long crushing chamber delivers aggressive crushing action to nip even hard stone for quick processing and consistent performance.

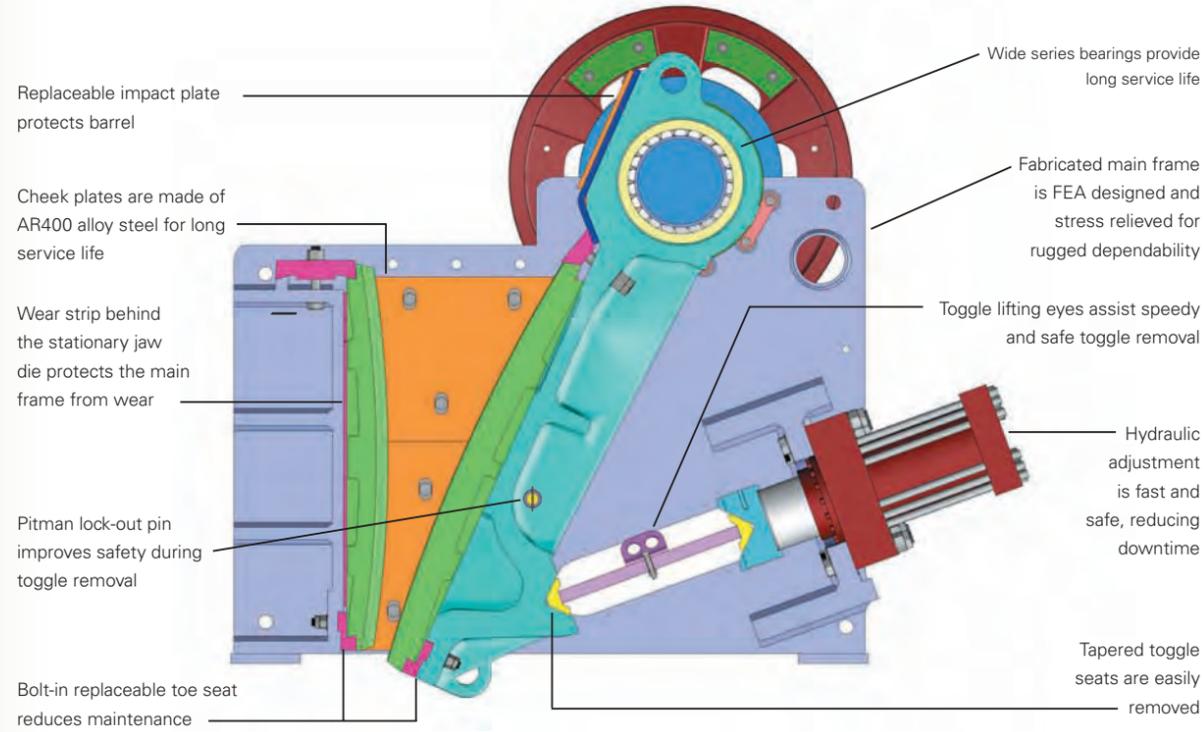
Safe, fast and easy to adjust – the 3258 uses revolutionary oversized hydraulic cylinders and a traveling Toggle Beam to achieve durable and simple crusher adjustment and overload protection. Push button controls enable quick, simple and safe crusher adjustments.

In conjunction with the hydraulic adjustment, a hydraulic tensioning cylinder replaces the traditional Tension Rod and Spring. Proper tensioning is automatic, saving time and reducing wear and tear on parts.

Plus, Telsmith has incorporated features such as a replaceable jaw die toe seat, backing plate behind the stationary jaw die, Pitman safety Lock-Out Pin, toggle lifting eye, tapered Toggle Seats and more, allowing for simple, safe and affordable maintenance.

Compact enough to mount on portable plants, the Telsmith 3258 sets a new standard for productivity, reliability, ease of operation and safety to deliver consistent performance for decades to come.

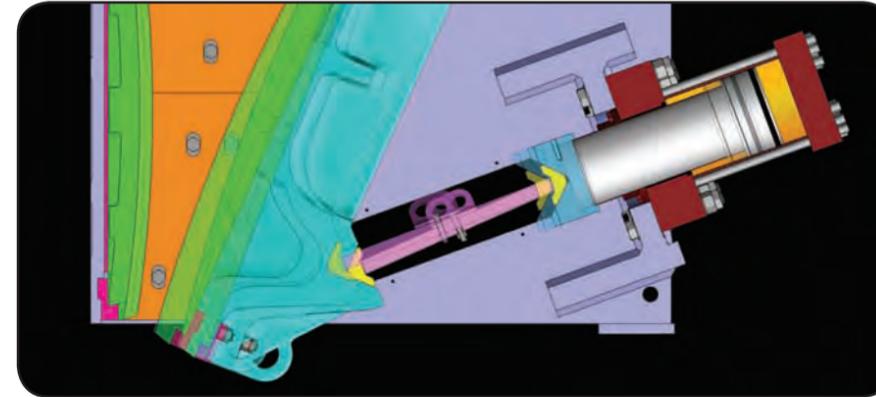
**3258 SECTION VIEW:**



**OVERLOAD PROTECTION:**

Tramp iron relief or overload protection is standard equipment on the 3258 jaw crusher. Hydraulic cylinders will automatically give way when crushing forces exceed the relief valve set point, opening to a safe position and

allowing uncrushable material to pass. Having protected internal parts from failure or damage, the 3258 can then be reset to the proper setting for continued operation.



Note: Consult factory for optional automated setting control systems.

**Jaw Crusher Capacity - Model 3258**

Crusher Settings					
CSS	3 1/2" (90 mm)	4" (100 mm)	5" (125 mm)	6" (150 mm)	7" (175 mm)
stph	300 - 485	315 - 485	370 - 560	410 - 630	455 - 705
mtph	270 - 440	280 - 435	335 - 500	369 - 565	410 - 635

**HYDRAULIC ADJUSTMENT:**

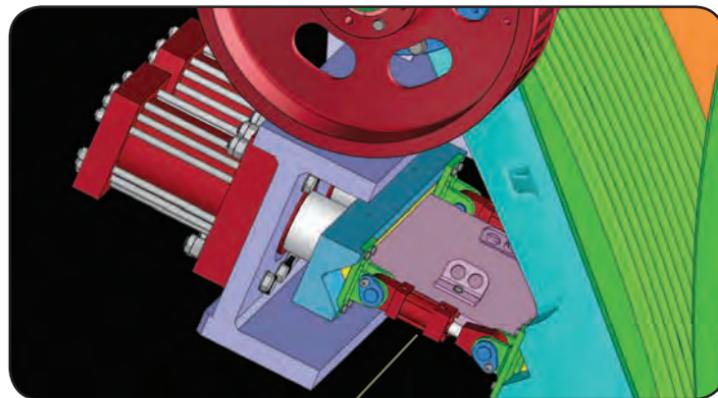
Adjustments to the Telsmith 3258 jaw crusher are safe and fast thanks to simple hydraulic controls.

The 3258 adjustment technology incorporates unique hydraulic tensioning cylinders that replace traditional toggle tension rods and springs. The tension cylinders automatically maintain the proper tension on the toggle and eliminate the need for spring adjustment.

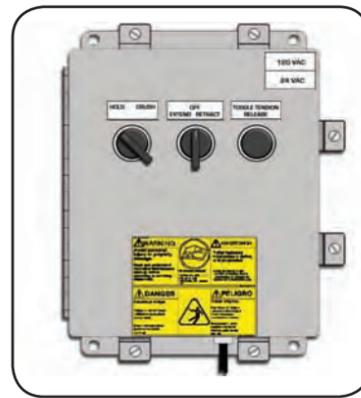
Two oversized hydraulic cylinders behind a moving

toggle beam enable all closed side setting (CSS) adjustments. No shims are used at any time through the full range of adjustment. A flip of a switch extends or retracts the cylinders and the adjustment is complete.

Improving "up-time" availability and employee safety, the 3258 hydraulic adjustment system is designed to help you be more productive every day.



Toggle tensioning cylinder eliminates maintenance



Simple hydraulic adjustment controls

**Typical Jaw Crusher Product Gradations**

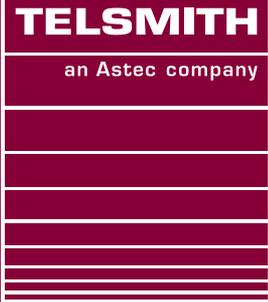
% Passing Sieve Size						
Sieve Size	CSS	3 1/2" (90 mm)	4" (100 mm)	5" (125 mm)	6" (150 mm)	7" (175 mm)
12"	304					
11"	278					100
10"	253				100	97
9"	228			100	98	91
8"	202			98	91	85
7"	177		100	91	81	76
6"	152	100	92	81	71	65
5"	127	95	80	69	60	51
4"	101	82	66	55	46	39
3"	76	62	49	39	32	27
2"	51	41	28	23	20	17
1 1/2"	38	28	21	17	15	12
1"	25	18	14	11	10	7

Notes: Capacities are approximate total throughput based on an average material having a bulk density of 100 lbs/ft<sup>3</sup>.

Throughput capacity will vary depending on the type of material, feed gradation, moisture content, feed method and other site specific operating conditions.

Output gradations are approximate and will vary depending on the type of material, moisture content, feed gradation, feed rate and other site specific operating conditions.

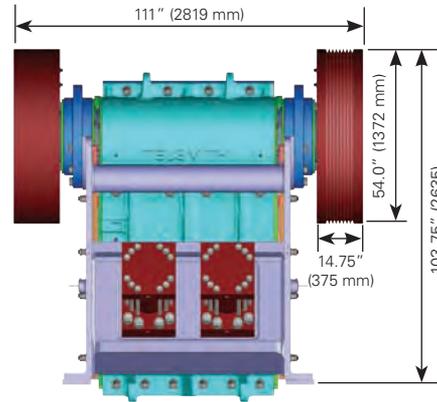
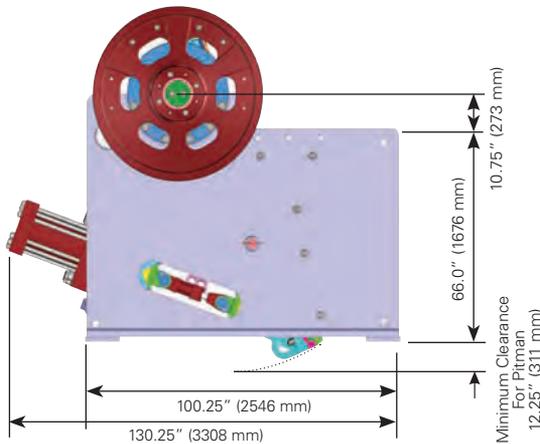
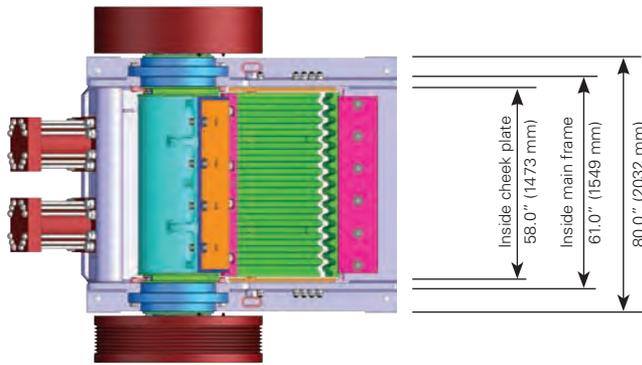
Settings listed are for jaws in closed position and measured peak to peak.



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

### General Specifications - Model 3258

		US	Metric
<b>Weight</b>		60,000 lbs	27,216 kg
<b>Export Packed</b>		61,400 lbs	27,851 kg
<b>Jaw Opening (standard die)</b>		32 in x 58 in	813 mm x 1,473 mm
<b>Recommended motor</b>		200 hp	149 kw
<b>Recommended crusher RPM</b>		290 RPM	
<b>Pulley Size (dia x face)</b>		54 in x 14.75 in	1,372 mm x 375 mm
<b>Lubrication</b>	<b>Standard</b>	Grease	
	<b>Optional</b>	Auto Grease or Recirculating Oil	
<b>Adjustment</b>		Hydraulic - Push Button Control	
<b>Overload Protection</b>		Hydraulic Relief	
<b>Cheek Plate Material</b>		AR400	
<b>Jaw Die Material</b>		Hadfields Manganese	
<b>Jaw Die Clamp (upper)</b>	<b>Static</b>	- Clamp Plate (stat. jaw die)	
	<b>Moving</b>	- Wedge (mov. jaw die)	
<b>Jaw Die Clamp (lower)</b>		Bolt-in Replaceable Toe	
<b>Hydraulic System</b>	<b>Tank Capacity</b>	60 gallons	227 liters
	<b>Motor</b>	7.5 hp	5.6 kw

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