



# JAW CRUSHERS

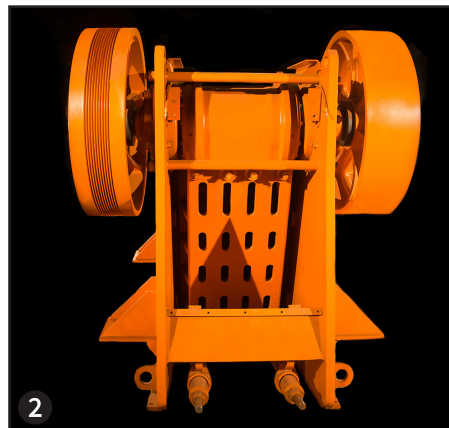
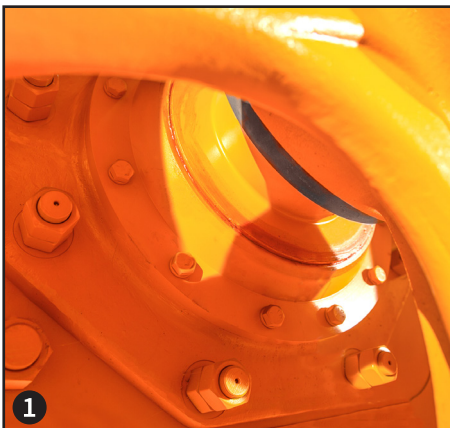
Derived from the legendary line of Austin-Western jaw crushers, Eagle jaw crushers are designed to eliminate premature failures to provide years of component life, durability, and reliability, meeting the needs of your toughest crushing applications for the best value on the market.

## **PRIMARY FEATURES**

- » Flywheels feature QD-type hubs for easy removal of the flywheels.
- 1** Allows easy removal of pitman/shaft assembly on 3242 model.
- » Full length, deep-ribbed jaw dies are reversible to ensure maximum wear life.
- 2** All moving parts are contained within the main housing, making Eagle jaw crushers ideal for portable or skid mounting.

## **ADDITIONAL FEATURES**

- » Processes abrasive hard rock, using the time tested overhead eccentric design.
- » The short bearing span between the side frames reduces stress and shaft deflection.
- » Eliminates premature failures caused by fatigue from uncontrolled stress with a “stress control” design of the frame and alignment of the bearings, shaft and toggle seat.
- » Full 360-degree support at the bearing ensures maximum bearing life, with outer bearings mounted directly in line with the side frames to eliminate stress.



# JAW CRUSHERS

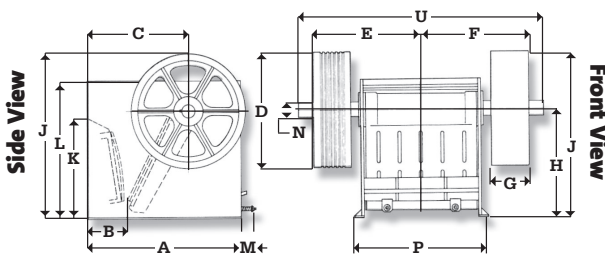
## Eagle Jaw Crusher Technical Specifications\*

Crusher	1036	1536	2036	3242	3260
Weight	12200lbs / 5545kg	16500lbs / 7500kg	20900lbs / 9500kg	53000lbs / 24091kg	80500lbs / 36514kg
RPM	300	275	260	250	250
Eccentric Stroke	1.125" / 28.58mm	1.25" / 31.75mm	1.25" / 31.75mm	1.25" / 31.75mm	1.5" / 38mm
Power Required	40HP - 60HP / 30kW - 45kW	60HP - 90HP / 45kW - 67kW	70HP - 100HP / 52kW - 75kW	150HP - 200HP / 112kW - 149kW	200 - 250HP / 147 - 184kW

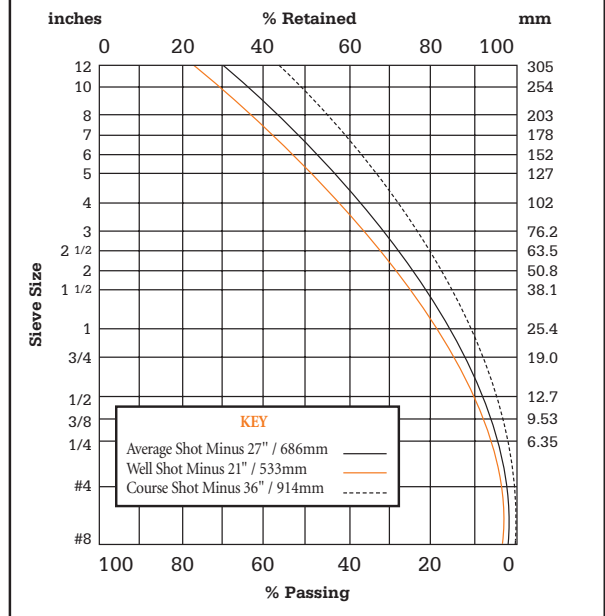
## Eagle Jaw Crusher Engineering Dimensions\*

	1036	1536	2036	3242	3260					
A	54"	1372mm	62"	1575mm	69"	1753mm	97"	2464mm	136.7"	3473mm
B	13"	330mm	15.7"	400mm	18.2"	464mm	23.7"	603mm	36.3"	923mm
C	35"	889mm	41.2"	1048mm	49.5"	1257mm	74"	1880mm	75.5"	1918mm
D	40"	1016mm	48"	1219mm	48"	1219mm	60"	1524mm	61"	1550mm
E	38"	965mm	37"	940mm	37.5"	952mm	46.2"	1175mm	60.7"	1542mm
F	38"	965mm	37"	940mm	37.5"	952mm	46.2"	1175mm	60.6"	1540mm
G	13"	330mm	12.5"	317mm	12.5"	317mm	15"	381mm	16.9"	431mm
H	37.5"	952mm	44.5"	1130mm	54.5"	1384mm	85.2"	2165mm	49"	1244mm
J	57.5"	1461mm	68.5"	1740mm	78.5"	1994mm	115.2"	2927mm	79.5"	2019mm
K	35.5"	902mm	43"	1092mm	53.2"	1353mm	84"	2134mm	37.5"	954mm
L	48.7"	1238mm	56"	1422mm	67"	1702mm	103.7"	2635mm	40.9"	1039mm
M	6"	152mm	0	0	0	0	7" - 17"	178 - 432mm	84.6"	2148mm
N	5.5"	140mm	5.7"	146mm	6.7"	171mm	8.2"	210mm	8.2"	209mm
P	47"	1194mm	48.2"	1226mm	48.2"	1226mm	56.5"	1435mm	98.5"	2501mm
U	80.5"	2045mm	77.5"	1968mm	81"	2057mm	92.2"	2343mm	121.4"	3083mm

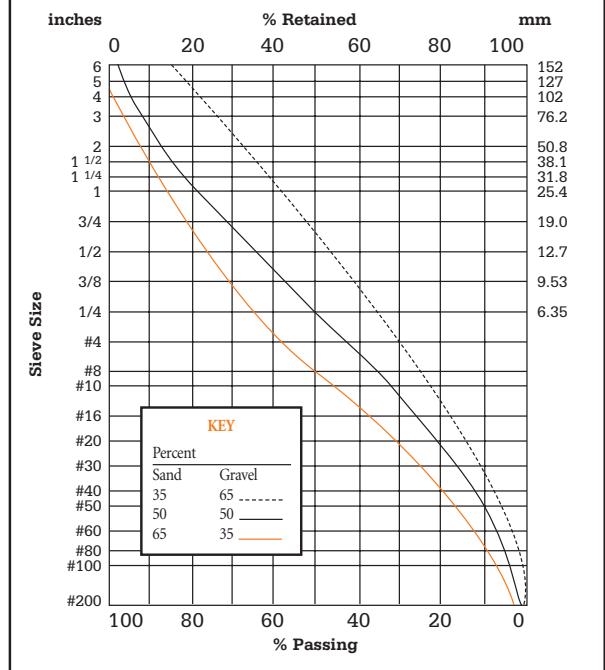
### Schematic Drawing of Front and Side Views



### Typical Gradation Curves for Limestone Quarry Run Sieve Analysis



### Typical Gravel Deposit Gradation Curve Sieve Analysis



Call 800-25-EAGLE (800-253-2453) or visit [www.EagleCrusher.com](http://www.EagleCrusher.com)  
 525 South Market St., Gallion, OH 44833 • 419-468-2288 • fax: 419-468-4840 • email: [sales@eaglecrusher.com](mailto:sales@eaglecrusher.com)

**EAGLE CRUSHER®**

# JAW CRUSHERS

## CAPACITIES\*

### Discharge Settings (Closed-Stroke)\*\*

Size	0.75" / 19mm	1" / 25mm	1.5" / 38mm	2" / 51mm	2.5" / 64mm	3" / 76mm	4" / 102mm	5" / 127mm	6" / 152mm	7" / 178mm	8" / 203mm	9" / 229mm	10" / 254mm	11" / 279mm	12" / 305mm
<b>1036</b>	19 STPH	29 STPH	48 STPH	66 STPH	90 STPH	105 STPH									
	17 LTPH	26 LTPH	43 LTPH	59 LTPH	80 LTPH	94 LTPH									
	14 Y <sup>3</sup> PH	21 Y <sup>3</sup> PH	36 Y <sup>3</sup> PH	49 Y <sup>3</sup> PH	67 Y <sup>3</sup> PH	78 Y <sup>3</sup> PH									
	11 M <sup>3</sup> PH	16 M <sup>3</sup> PH	27 M <sup>3</sup> PH	37 M <sup>3</sup> PH	51 M <sup>3</sup> PH	59 M <sup>3</sup> PH									
	17 MTPH	26 MTPH	44 MTPH	60 MTPH	82 MTPH	95 MTPH									
<b>1536</b>			50 STPH	74 STPH	96 STPH	120 STPH	150 STPH								
			45 LTPH	66 LTPH	86 LTPH	107 LTPH	134 LTPH								
			37 Y <sup>3</sup> PH	55 Y <sup>3</sup> PH	71 Y <sup>3</sup> PH	89 Y <sup>3</sup> PH	111 Y <sup>3</sup> PH								
			28 M <sup>3</sup> PH	42 M <sup>3</sup> PH	54 M <sup>3</sup> PH	68 M <sup>3</sup> PH	84 M <sup>3</sup> PH								
			45 MTPH	67 MTPH	87 MTPH	109 MTPH	136 MTPH								
<b>2036</b>				80 STPH	100 STPH	135 STPH	180 STPH	222 STPH	270 STPH						
				71 LTPH	89 LTPH	121 LTPH	161 LTPH	198 LTPH	241 LTPH						
				59 Y <sup>3</sup> PH	74 Y <sup>3</sup> PH	100 Y <sup>3</sup> PH	133 Y <sup>3</sup> PH	164 Y <sup>3</sup> PH	200 Y <sup>3</sup> PH						
				45 M <sup>3</sup> PH	56 M <sup>3</sup> PH	76 M <sup>3</sup> PH	101 M <sup>3</sup> PH	125 M <sup>3</sup> PH	152 M <sup>3</sup> PH						
				73 MTPH	91 MTPH	122 MTPH	163 MTPH	201 MTPH	245 MTPH						
<b>3242</b>							225 STPH	300 STPH	375 STPH	410 STPH	450 STPH				
							201 LTPH	268 LTPH	335 LTPH	366 LTPH	402 LTPH				
							167 Y <sup>3</sup> PH	222 Y <sup>3</sup> PH	278 Y <sup>3</sup> PH	303 Y <sup>3</sup> PH	333 Y <sup>3</sup> PH				
							127 M <sup>3</sup> PH	169 M <sup>3</sup> PH	211 M <sup>3</sup> PH	230 M <sup>3</sup> PH	253 M <sup>3</sup> PH				
							204 MTPH	272 MTPH	340 MTPH	372 MTPH	408 MTPH				
<b>3260</b>						209 – 231 STPH	320 – 356 STPH	399 – 440 STPH	379 – 400 STPH	542 – 597 STPH	618 – 681 STPH	759 – 807 STPH			
						187 – 206 LTPH	286 – 318 LTPH	356 – 393 LTPH	338 – 357 LTPH	483 – 533 LTPH	551 – 608 LTPH	678 – 720 LTPH			
						155 – 171 Y <sup>3</sup> PH	237 – 264 Y <sup>3</sup> PH	296 – 326 Y <sup>3</sup> PH	281 – 296 Y <sup>3</sup> PH	401 – 442 Y <sup>3</sup> PH	458 – 504 Y <sup>3</sup> PH	562 – 598 Y <sup>3</sup> PH			
						119 – 131 M <sup>3</sup> PH	181 – 202 M <sup>3</sup> PH	226 – 249 M <sup>3</sup> PH	215 – 226 M <sup>3</sup> PH	307 – 338 M <sup>3</sup> PH	350 – 385 M <sup>3</sup> PH	430 – 457 M <sup>3</sup> PH			
						190 – 209 MTPH	291 – 323 MTPH	362 – 399 MTPH	344 – 363 MTPH	491 – 541 MTPH	560 – 618 MTPH	689 – 732 MTPH			

STPH = Short Tons Per Hour  
 LTPH = Long Tons Per Hour  
 Y<sup>3</sup>PH = Cubic Yards Per Hour  
 M<sup>3</sup>PH = Cubic Meters Per Hour  
 MTPH = Metric Tons Per Hour

\* Capacities shown are those expected for material weighing 2,700lbs per cubic yard/930kg per cubic meter and constant maximum feed. For other conditions, capacity will vary. Consult factory for expected tonnage of your material.

\*\* Consult factory for other settings.