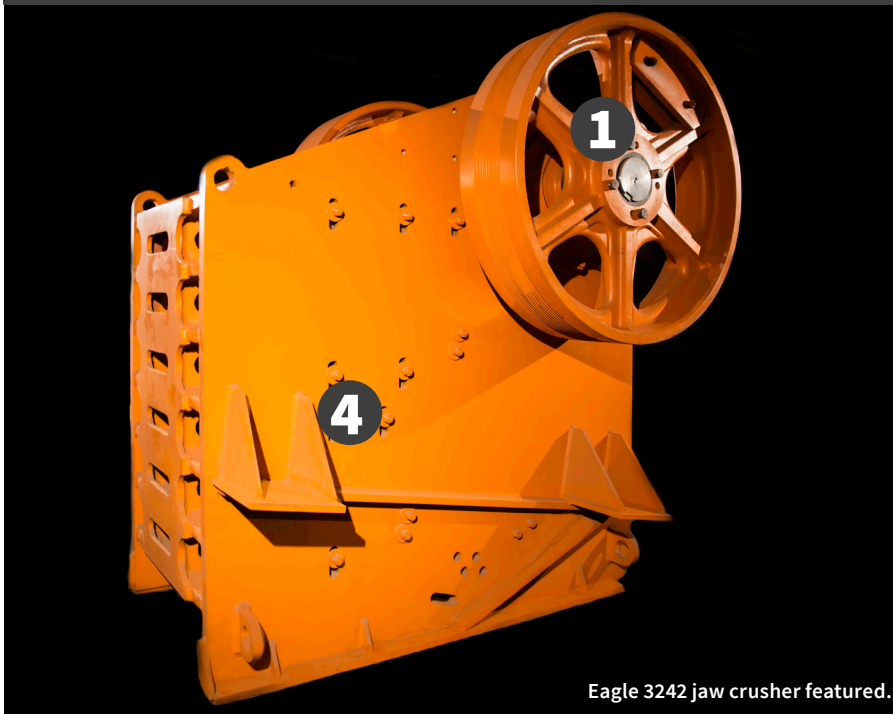


# EAGLE CRUSHER



Eagle 3242 jaw crusher featured.



## Eagle & Eagle Austin-Western Jaw Crushers

The best value on the market, the Eagle & Eagle Austin-Western jaw crushers are designed to eliminate premature failures to provide years of component life, durability, and reliability—and to meet the needs of your toughest crushing applications.

### Features

- ❶ Flywheels feature QD-type hubs for easy removal of the flywheels.
- ❷ Allows easy removal of pitman/shaft assembly on 3242 model.
- ❸ Full length, deep-ribbed jaw dies are reversible to ensure maximum wear life.
- ❹ All moving parts are contained within the main housing, making Eagle & Eagle Austin-Western 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.

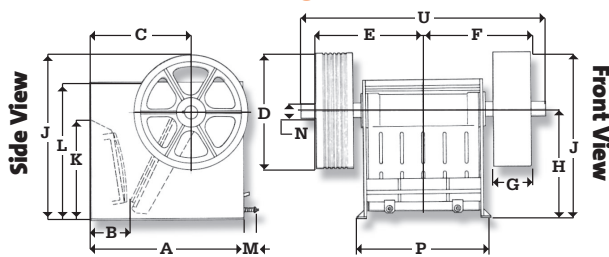
## Eagle/Austin-Western Jaw Crusher Specifications\*

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

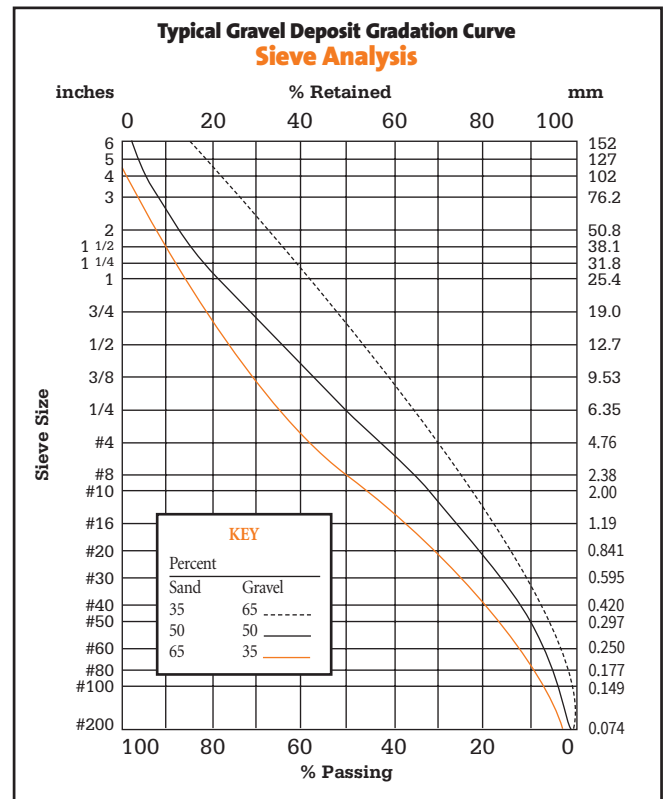
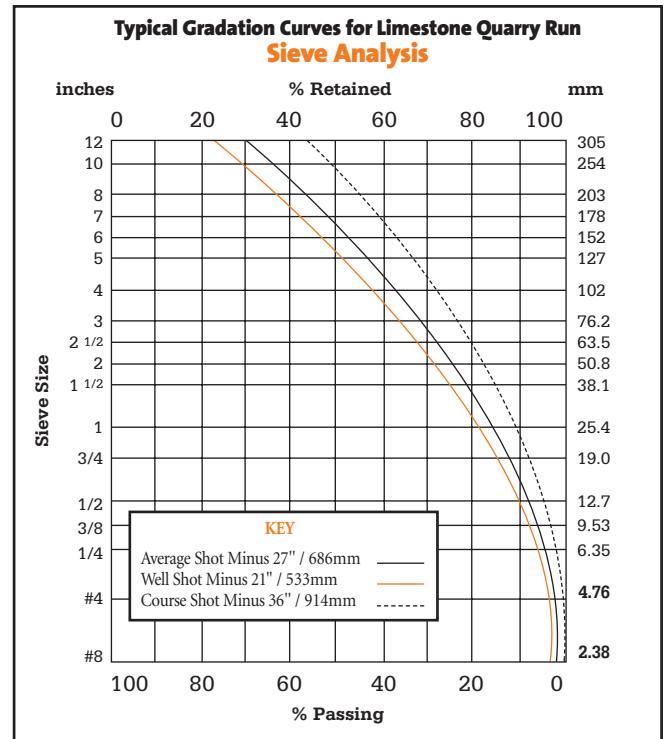
## Eagle/Austin-Western Engineering Dimensions\*

	1036		1536		2036		3242	
A	54"	1372mm	62"	1575mm	69"	1753mm	97"	2464mm
B	13"	330mm	15.75"	400mm	18.25"	464mm	23.75"	603mm
C	35"	889mm	41.25"	1048mm	49.5"	1257mm	74"	1880mm
D	40"	1016mm	48"	1219mm	48"	1219mm	60"	1524mm
E	38"	965mm	37"	940mm	37.5"	952mm	46.25"	1175mm
F	38"	965mm	37"	940mm	37.5"	952mm	46.25"	1175mm
G	13"	330mm	12.5"	317mm	12.5"	317mm	15"	381mm
H	37.5"	952mm	44.5"	1130mm	54.5"	1384mm	85.25"	2165mm
J	57.5"	1461mm	68.5"	1740mm	78.5"	1994mm	115.25"	2927mm
K	35.5"	902mm	43"	1092mm	53.25"	1353mm	84"	2134mm
L	48.75"	1238mm	56"	1422mm	67"	1702mm	103.75"	2635mm
M	6"	152mm	0	0	0	0	7" - 17"	178 - 432mm
N	5.5"	140mm	5.75"	146mm	6.75"	171mm	8.25"	210mm
P	47"	1194mm	48.25"	1226mm	48.25"	1226mm	56.5"	1435mm
U	80.5"	2045mm	77.5"	1968mm	81"	2057mm	92.25"	2343mm

### Schematic Drawing of Front and Side Views



\* Design specifications subject to change without notice.





## 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				

**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.