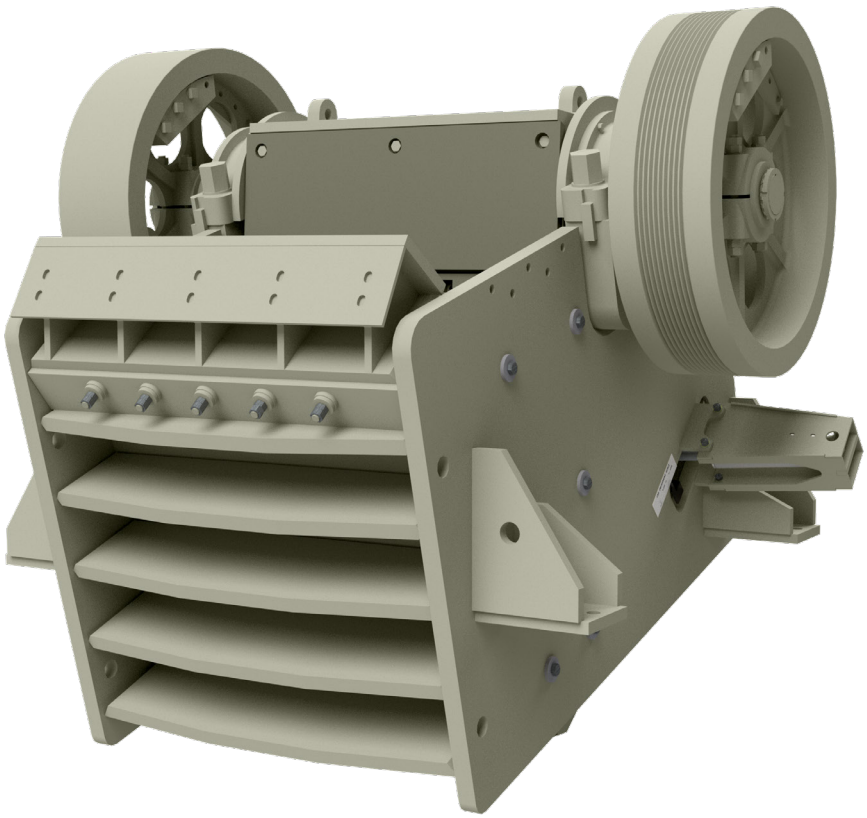
3055
Pioneer® Jaw Crusher



Eccentric Shaft Assembly
- AISI 4150 solid steel eccentric type
- Cast steel pitman design
- Lubricated spherical roller self-aligning type with straight bore pitman bearing
- Saddle block mounted main bearing housings

Flywheel
- Ductile iron 50" diameter
- 5V grooved drive flywheel

Jaw Dies
- Manganese steel with machined back
- Multiple configurations available

Adjustment and Toggle
- Hydraulic dual wedge
- Auto adjust tension rods with electric/hydraulic controls
- Ductile iron toggle plate
- Aggressive angle for increased production

Base
- Fabricated steel plate
- Stress relieved
- Abrasion-resistant steel side liners
- Three (3) piece bolt-on side liners
- Reversible side liners

Options
- 200hp TEFC electric motor at 1,200 RPM
- 200hp motor controls and wiring
- V-belt drive (standard drive right hand with material flow)
- Pivoting motor mount
- Receiving hopper
- V-belt guard
- Auto-lube system
- Non-drive side flywheel guard
- Tramp Iron Relief (TIR)

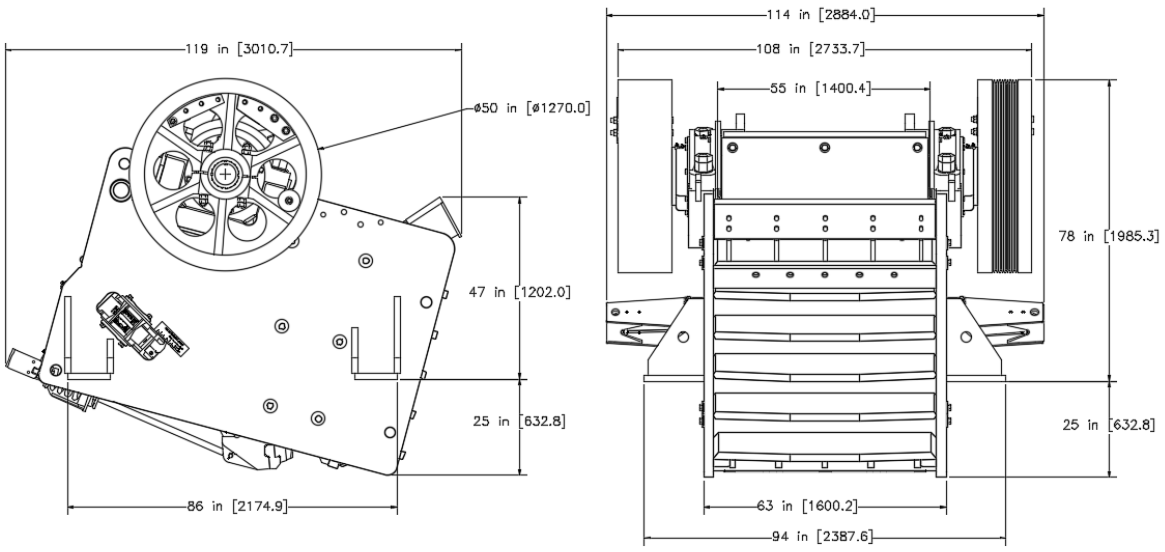
Physical and Operating Characteristics

Dimension	Standard	Metric
Jaw Feed Opening Gap	30″	762mm
Jaw Feed Opening Width	55″	1,397mm
Moving Jaw Depth	60 ½″	1,537mm
Stationary Jaw Depth	59 ½″	1,511mm
Base Weight	29,900lb	13,562kg
Eccentric Assembly & Flywheels Weight	20,100lb	9,117kg
Total Weight	50,000lb	22,680kg
Recommended Power Diesel	250hp	186 kW
Recommended Power Electric	200hp	149 kW
RPM	250 max	
Stroke	1 ½″	38.1mm
Closed Side Setting Minimum	3″	76mm
Closed Side Setting Maximum	7″	178mm
Operating Length	119″	3,011mm
Operating Width	114″	2,884mm
Operating Height	103″	2,618mm

Peak to Peak Approximate Capacity*

CSS Setting		Tons Per Hour	
Inches	Millimeters	TPH	MTPH
3	76	265	240
3 ½	89	300	272
4	102	334	302
5	127	402	365
6	152	471	428
7	178	528	479

Capacity may vary as much as 25%.
**Based on material weight 2,700 pounds per cubic yard.*



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Note: consult factory for exact dimensions, specifications are subject to change without notice.

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