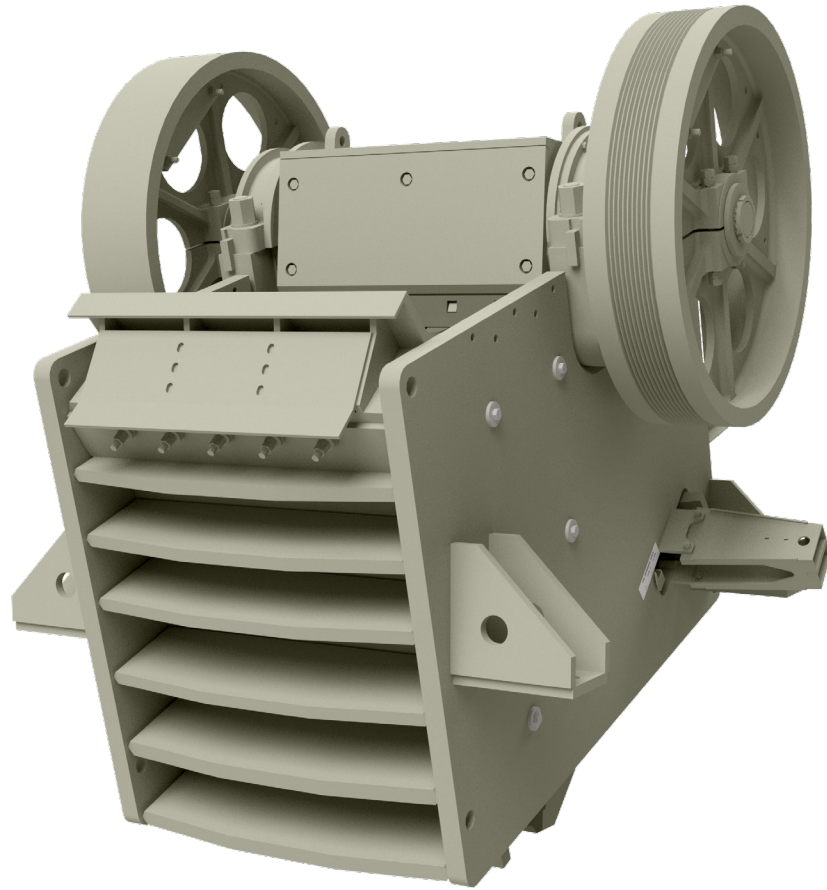


# 3552

## Pioneer<sup>®</sup> Jaw Crusher



### **Eccentric Shaft Assembly**

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

### **Flywheels**

- Ductile iron 63 in diameter
- 5V grooved drive flywheel

### **Jaw Dies**

- Manganese steel with machined back
- Multiple configurations available

### **Adjustment & Toggle**

- Hydraulic dual wedge
- Auto-adjust tension rods with electric/hydraulic controls
- Grade 50 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**

- 200 hp (150 kW) TEFC electric motor at 1,200 rpm
- 200 hp (150 kW) 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 flywheel guard

## Physical & Operating Characteristics

Dimension	Imperial	Metric
Jaw Feed Opening Gap	35"	889 mm
Jaw Feed Opening Width	52"	1,321 mm
Moving Jaw Depth	74"	1,880 mm
Stationary Jaw Depth	69"	1,753 mm
Base Weight	39,850 lb	18,075 kg
Eccentric Assembly & Flywheels Weight	25,250 lb	11,453 kg
Total Weight	65,100 lb	29,529 kg
Recommended Power Diesel	250 hp	186 kW
Recommended Power Electric	200 hp	150 kW
Maximum RPM	225	
Stroke	1.5"	38.1 mm
Closed Side Setting Minimum	3.5"	89 mm
Closed Side Setting Maximum	7"	178 mm
Operating Length	130"	3,296 mm
Operating Width	113"	2,860 mm
Operating Height	128"	3,236 mm

## Peak to Peak Approximate Capacity\*

CSS Setting		Tons Per Hour	
Inches	Millimeters	TPH	MTPH
3.5	89	318	288
4	102	360	328
5	127	416	378
6	152	484	440
7	178	553	503

\*Capacity may vary as much as 25%.

\*\*Based on material weight 2,700 pounds per cubic yard.