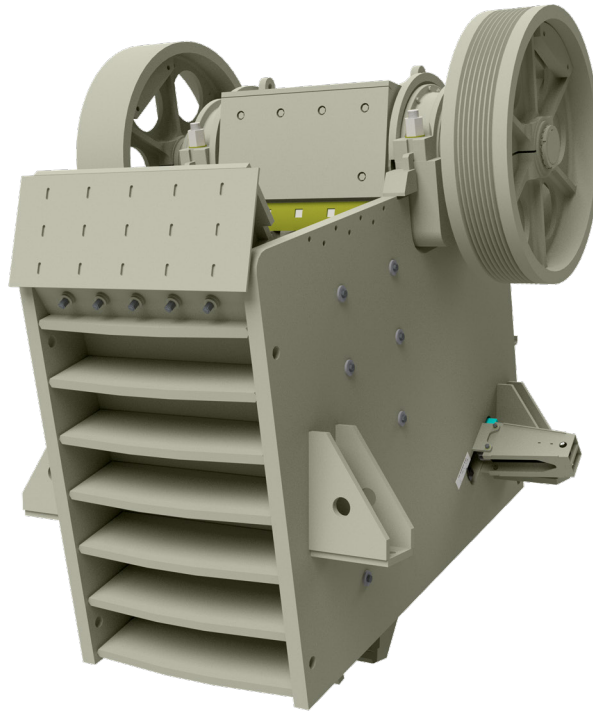


4450

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 63" diameter
- 8V 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
- Four (4) piece bolt on side liners
- Reversible side liners

Options

- 250Hp (185kW) TEFC electric motor at 1,200 RPM
- 250Hp (185kW) motor controls and wiring
- V-belt drive (standard drive right hand with material flow)
- Receiving hopper
- V-belt guard
- Auto-lube system
- Non-drive side flywheel guard

Physical and Operating Characteristics

Dimension	Standard	Metric
Jaw Feed Opening Gap	44"	1,118mm
Jaw Feed Opening Width	50"	1,270mm
Moving Jaw Depth	100"	2,540mm
Stationary Jaw Depth	94"	2,388mm
Base Weight	64,500lb	29,257kg
Eccentric Assembly & Flywheels Weight	41,500lb	18,824kg
Total Weight	106,000lb	48,080kg
Recommended Power Diesel	310hp	231 kW
Recommended Power Electric	250hp	186 kW
RPM	225 max	
Stroke	1 ½"	38.1 mm
Closed Side Setting Minimum	4"	102mm
Closed Side Setting Maximum	9"	228mm
Operating Length	143"	3,635mm
Operating Width	116"	2,944mm
Operating Height	153"	3,874mm

Peak to Peak Approximate Capacity*

CSS Setting		Tons Per Hour	
Inches	Millimeters	TPH	MTPH
4	102	423	386
5	127	492	448
6	152	574	521
7	178	654	595
8	203	735	668
9	228	816	740

*Capacity may vary as much as 25%.

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