

CS3055

Portable Pioneer® Jaw Plant



Hopper / Vibrating Grizzly Feeder Module

- 3/4" fabricated steel hopper and supports
- 50" x 20' horizontal type oil bath feeder
- 5' replaceable and adjustable grizzly section standard
- Grizzly spacing 1" to 5", specified at order
- 3/4" mild steel deck liner
- 40 HP motor, adjustable motor mount and v-belt drive

Jaw Crusher

- Jaw gap - 30" (762 mm) Jaw width- 55" (1,397 mm)
- Moving jaw depth – 60 1/2" (1,537 mm); stationary jaw depth 59 1/2" (1,511 mm)
- 250 RPM maximum with 1 1/2" stroke
- 50" flywheels with SAE4150 steel shaft
- Hydraulic dual wedge
- Auto adjust tension rods with electric/hydraulic controls

End Delivery Conveyor

- 48" channel frame
- Belt cleaner
- Screw take-up belt tension
- 20 HP motor, mount, drive, and guarding

Chassis

- Semi-trailer with triple rear axle
- Rear crib leg and king pin support
- Twelve 11.00 x 22.5 dual mounted tires
- Air brakes, travel lights, mudflaps
- Motor mount and v-belt drive for optional power
- Bypass chute under grizzly module
- Service platforms behind and above crusher

Options

- Reverse configuration with hopper over king pin (allows for longer end delivery and higher discharge)
- 50" x 24' vibrating feeder, grease lube, 60 HP motor
- 200 HP TEFC electric motor at 1200 RPM
- 200 HP starter and 60' of cable
- Electric motor controls for basic plant (excluding crusher) NEMA-12 remote panel box with feeder VFD
- Grease lubrication for feeder in lieu of oil bath
- Extension brackets for feed hopper (less planks)
- 24" x 15', 5 HP side delivery conveyor
- Hydraulic jacks (4) with 18" stroke for cribbing
- Hydraulic run-on plant raising and leveling system (4) with 24" stroke
- 8 HP gas (electric start) or 5 HP electric power pack for hydraulic jack system
- Tramp Iron Relief (TIR) System
- Consult factory for additional hopper, crusher, conveyor, axle, jack, and power options

Physical/Operating Characteristics

Dimension	Standard	Metric
Operating Length	47' 10"	14.6m
Travel Length	47' 10"	14.6m
Operating Height	16' 6"	5.0m
Travel Height	13' 4"	4.1m
Ground Clearance	13"	0.3m
Operating Width	10' 1"	3.1m
Operating Width w/ Discharge	15' 8"	4.8m
Travel Width	10' 1"	3.3m
Feed Height	13' 7"	4.2m

Dimension	Standard	Metric
Discharge Height	8' 1"	2.5m
Total Weight (basic plant)	100,000 lb.	45,360 kg
Travel Weight (basic plant)	71,500 lb.	32,430 kg
End Delivery Conveyor	6,550 lb.	2,970 kg
Feeder & Hopper	28,500 lb.	12,930 kg
Side Discharge (optional)	6' 1"	1.8m
Basic Motor Controls & Panel	660 lb.	300 kg
Electric Motor & Mount	3,900 lb.	1,770 kg
Optional Side Delivery	1,800 lb.	816 kg