

# CS2650

## Portable Pioneer<sup>®</sup> 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 - 26" (660 mm) Jaw width- 50" (1,270 mm)
- Moving jaw depth - 53" (1,346 mm); stationary jaw depth 49" (1,244 mm)
- 260 RPM maximum with 1 1/4" stroke
- 50" flywheels with SAE4150 steel shaft
- Hydraulic dual wedge
- Auto adjust tension rods with electric/hydraulic controls

### End Delivery Conveyor

- 48" lattice frame rear mounted
- Hydraulically lower for travel
- Belt cleaner
- Screw take-up belt tension
- 25 HP motor, mount, drive, and guarding

### Chassis

- Reverse style with hopper over king pin
- 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

- Standard configuration with hopper over axles (shorter end delivery conveyor and lower discharge height)
- 150 HP TEFC electric motor at 1200 RPM
- 150 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
- 24" x 15', 5 HP cartridge style 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	67' 6"	20.6m
Travel Length	69' 3"	21.1m
Operating Height	18' 1"	5.5m
Travel Height	13' 11"	4.2m
Ground Clearance	11"	0.3m
Operating Width	10' 6"	3.2m
Operating Width w/ Discharge	15' 8"	4.8m
Travel Width	10' 1"	3.3m
Feed Height	13' 10"	4.2m
Discharge Height	16' 4"	5.0m
Total Weight (basic plant)	85,250 lb.	38,670 kg
Travel Weight (basic plant)	85,250 lb.	38,670 kg
End Delivery Conveyor	5,465 lb.	2,480 kg
Feeder & Hopper	28,150 lb.	12,770 kg
Side Discharge (optional)	6' 5"	1.9m
Basic Motor Controls & Panel	660 lb.	300 kg
Electric Motor & Mount	3,600 lb.	1,632 kg
Optional Side Delivery	1,800 lb.	816 kg

