

# CS3365

## Portable Pioneer® Jaw Plant



### Hopper / Vibrating Grizzly Feeder Module

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

### Jaw Crusher

- Jaw gap - 33" (838 mm) Jaw width- 65" (1,651 mm)
- Moving jaw depth - 65" (1,651 mm); stationary jaw depth 60" (1,524 mm)
- 250 RPM maximum with 1 1/2" stroke
- 63" 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 quad rear axle
- Rear crib leg and king pin support
- Sixteen 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

### Optional End Delivery Conveyor

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

## Options

- Under crusher transition chute in lieu of end delivery conveyor (use with off-plant side delivery conveyor LESS side delivery conveyor)
- 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)
- Hydraulic jacks (4) with 18" stroke for cribbing
- Hydraulic run-on plant raising and leveling system (6) 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                | 60' 6"      | 18.4m     |
| Travel Length                   | 60' 6"      | 18.4m     |
| Operating Height                | 16' 10"     | 5.1m      |
| Travel Height                   | 14' 4"      | 4.4m      |
| Ground Clearance                | 13"         | 0.3m      |
| Operating Width                 | 10' 8"      | 3.2m      |
| Travel Width                    | 10' 6"      | 3.2m      |
| Feed Height                     | 14' 5"      | 4.4m      |
| Discharge Height                | 9' 7"       | 2.9m      |
| Total Weight (basic plant)      | 169,480 lb. | 76,875 kg |
| End Delivery Conveyor           | 10,030 lb.  | 4,550 kg  |
| Feeder & Hopper                 | 38,480 lb.  | 17,455 kg |
| Basic Motor Controls & Panel    | 660 lb.     | 300 kg    |
| Electric Motor & Mount (on jaw) | 3,600 lb.   | 1,630 kg  |