

FT200CC

Mobile Cone Plant



Kodiak® Cone Crusher

- K200+ with high-efficiency roller bearing design
- Variable-speed hydraulic drive
- Head diameter: 40 in (1,016 mm)
- Remote closed-side setting (CSS) adjustment
 - Minimum CSS (application dependent):
3/8 in (9.5 mm)
 - Maximum CSS (application dependent):
2 in (50.8 mm)
- Interchangeable chamber configurations
 - Available concaves: coarse, medium, medium with feed slots, fine
- Field-replaceable base frame tub liners
- Field-replaceable V-Seat liners
- Patented liner retention assembly
 - Low-impact tramp iron relief (TIR) system
- Hydraulic cone brake
- Permanently precision-balanced with protected internal counterweights
- Feed hopper with level sensor
- 30 gallon (114 L) lube oil tank with Arctic Fox Hydraliner Heating System utilizing engine coolant to heat cone lube oil

Screen

- Incline, 6 x 12 ft (1,830 x 3,570 mm)
- Two (2) full-length top and bottom decks
- Adjustable amplitude with bolt-on weights
- Coil springs

Chassis

- High strength fabricated box-beam main frame
- 19.68 in (500 mm) wide tracks
- Maintenance platforms and access ladders
- Ground-level access for grease lubrication

Feed Hopper

- Wear-resistant, AR-lined loading area
- Hydraulic fold for transport
- Capacity: 5.5 cu. yds (4.2 cu. m)

Feed Conveyor

- Nominal 42 in (1,050 mm) wide belt
- EP630, 2-ply belt with vulcanized splice
- High-torque, variable-speed dual hydraulic motor drive
- Primary belt cleaner

Under Crusher Conveyor

- Nominal 42" (1050mm) wide belt
- Discharge height 10'- 6" (3.2 m), when screen package removed
- EP630/2 plain belt, includes vulcanized splice
- Dual motor hydraulic drive
- Impact bed under crusher
- Primary belt cleaner
- Removes easily for maintenance

Under Screen Conveyor

- Nominal 60" (1500mm) wide belt
- Discharge height 10'- 9" (3.3 m)
- EP500/3 plain belt includes vulcanized splice
- Dual motor hydraulic drive
- Primary belt cleaner

Overs Conveyor

- Nominal 24 in (600 mm) wide belt
- EP400, 3-ply belt with vulcanized splice
- Hydraulic motor drive
- Primary belt cleaner

Return Conveyor

- Nominal 24 in (600 mm) wide belt
- EP315, 3-ply cleated belt with vulcanized splice
- Hydraulic motor drive
- Folds for transport

Power & Hydraulics

- CAT C13B Tier 4F / Stage V, 536 hp (400 kW)
- 200 gallon (757 L) fuel tank
- Hydrostatic pump group
- 210 gallon (795 L) hydraulic tank with return filter
- 20 gpm (76 L/min) aux circuit for off-plant conveyor

Control System

- TRAC10[®] control system with touchscreen
- Radio remote control with backup tether
- Crusher overload protection system (OPS)
- Automatic crusher feed regulation
- System fault tracking and storage

Dust Suppression System

- Manifold for customer filtered water supply
- Spray bars under crusher hopper, under-crusher conveyor head pulley, under-crusher conveyor mid-point and under-screen conveyor head pulley
- Manifold-located ball valves for each spray bar

Optional Equipment

- Feed hopper bridge breaker
- Fixed, manual clean magnet with access platform and ladder
- Additional cross conveyor (screen top deck), nominal 18 in (450 mm) wide belt
- CAT C13 LRC diesel, 516 HP (400 kW)
- Engine enclosure filter kit
- Immersion heater for hydraulic tank
- Lighting package
- Security lock kit

Physical/Operating Characteristics

Dimension	Imperial	Metric
Base Unit Weight*	115,000 lb	52.2 t
Transport Width	12'	3.7 m
Transport Length	71' 6"	21.8 m
Transport Height	11' 6"	3.5 m
Operating Width	12' 1"	3.7 m
Operating Length	66' 5"	20.3 m
Operating Height	15'	4.6 m

* Base unit weight does not include options

