

K300+6203CC

Portable Kodiak® Plus Cone Crusher Plant



Kodiak® Plus K300+ Cone

- High-efficiency roller bearing design
- Remote CSS adjustment
- Patented mechanical “crusher duty” cone brake
- Revolving wedge technology
- Patented liner retention system
- Low impact tramp iron relief system
- Permanently precision balanced
- Bronze field replaceable V-Seat liners
- Protected internal counter weights
- Baseframe tub liners field replaceable 400BHN

6203-32LP Screen

- 6' x 20' triple-deck horizontal screen
- Aggressive stroke triple-shaft horizontal
- Fully adjustable to fit most applications
- Feedbox / discharge lips with AR liners
- 40hp 1,200 RPM TEFC electric motor
- Rubber springs standard (coil optional)
- Pantleg blending chute with back-blend to underscreen conveyor

Chassis

- Quad axle hitch suspension
- 24 x 55 WF frame beams
- Walkway, handrails, and ladders on both sides
- Six (6) stationary cribbing posts
- Two (2) pivoting cribbing posts for travel
- Diverter panels on middle deck discharge lip (can be removed in 25% increments)
- Air brakes, lights, mud flaps and guards

Transfer Conveyor

- 36" x 16' with Grade II, 330 3-ply belting
- 5hp 1,800 RPM TEFC electric motor
- Martin wiper
- Reversible for open-circuit operation

Overhead Feed Conveyor

- 42" x 65' with Grade II, 330 3-ply belting
- 20hp 1,800 RPM TEFC electric motor
- Manually lowers for travel
- Martin wiper

Under Cone Conveyor

- 42" x 39' with Grade II, 330 3-ply belting
- 15hp 1,800 RPM TEFC electric motor
- Martin wiper

Under Screen Conveyor

- 60" x 23' with Grade II, 330 3-ply belting
- 10hp 1,800 RPM TEFC electric motor
- Martin wiper

Options

- Switchgear with starters for screen drive and on plant motors
- Hydraulic lifting jacks
- Six (6) stabilizer cylinders, 24" "run on" design, 8hp gas, 5hp electric, 12V, or 24V power unit
- Vulcanized belts
- Hydraulic raise/lower OH feed conveyor
- Remote grease option
- Hydraulic cone brake
- Cross conveyors (2" x 18", 18" and 24" or 1" x 24")
- Motorized head pulley – OH feed conveyor
- Folding OH feed Conveyor (15' travel height)
- V-belt or RA gearbox OH feed conveyor
- Triple axle plus bogey suspension
- 24 tire triple axle suspension

Suspension Options

- Quad axle hutch suspension
- Triple axle plus bogey suspension
- 24 tire tridem suspension

Cribbing Options

- Hydraulic run-on legs (6)
- Hydraulic lift-only legs (6)

Discharge Options

- Blending pantleg chute with back blend to under-screen conveyor
- Standard pantleg chutes (no blending)
- Dual 18" cross conveyors
- 1" x 18" and 1" x 24" cross conveyors
- 1" x 24" cross conveyor

Overhead Feed Conveyor Options

- S-Wrap drive
- Hydraulic raise/lower
- Motorized head pulley (Rulmeca or Vandegraff)
- Right-angle gearbox (height restrictions)
- V-Belt drive (height restrictions)
- Folding two-piece conveyor (travel height restrictions)

Physical/Operating Characteristics

Dimension	Standard	Metric
Cone Max Feed Size	10¾"	273mm
Cone Max Capacity	460 TPH	417 MTPH
Screen Max Feed Size	10"	254mm
Screen Max Top Deck Opening	4"	102mm
Operating Length	70' 4-13/16"	21.5m
Operating Height	15' 8"	4.8m
Travel Height	13' 11-7/8"	4.2m
Travel Width	11' 11-1/8"	3.6m
Feed Height	7' 10"	2.4m
Weight With Crusher – Quad Axle	74,500lb	33,793kg
Weight With Crusher – Kingpin	58,500lb	26,535kg
Weight With Crusher Upper Removed – Quad Axle	64,500lb	29,257kg
Weight With Crusher Upper Removed - Kingpin	51,000lb	23,133kg
Weight With Crusher Removed – Quad Axle	49,500lb	22,453kg
Weight With Crusher Removed - Kingpin	40,500lb	18,371kg

