

TECHNICAL BROCHURE



FRONTIER™ FT200
Mobile Cone Plant

KEY SPECIFICATIONS

KODIAK® CONE CRUSHER

- K200+ with high efficiency roller bearing design
- Variable-speed hydraulic drive
- 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
- Patented liner retention assembly
 - Low-impact tramp iron relief (TIR) system
- Hydraulic cone brake
- Feed hopper with level sensor

POWER UNIT

- CAT C9.3B Tier 4F / Stage V, 456 hp (336 kW)
- 200 gallon (757 L) fuel tank

FEED CONVEYOR

- Nominal 42 in (1,050 mm) wide belt
- High-torque, variable-speed dual hydraulic motor drive

FEED HOPPER

- Wear-resistant, AR-lined loading area
- Hydraulic fold for transport
- Capacity: 7.5 cu. yds (5.7 cu. m)

UNDER CRUSHER CONVEYOR

- Nominal 42" (1050mm) wide belt
- Discharge height 10'- 6" (3.2 m)
- Removes easily for maintenance

OPTIONAL EQUIPMENT

- Feed hopper bridge breaker
- Extended under crusher conveyor
 - Nominal 42" (1050mm) wide belt
 - Discharge height 12'- 6" (3.8 m)
 - Hydraulic fold for transport
- Fixed, manual clean magnet with access platform and ladder
- Return conveyor, 24 in x 28 ft (600 mm x 13.4 m), fold for transport
- CAT C9.3B T3 diesel, 416 hp (310 kW)
- Engine enclosure filter kit
- Immersion heater for hydraulic tank
- Lighting package
- Security lock kit

CHASSIS

- High-strength, fabricated box-beam main frame
- 19.68 in (500 mm) wide tracks
- Maintenance platforms and access ladders

DIMENSIONS

Dimension	Imperial	Metric
Base Unit Weight*	99,000 lb	44.9 t
Transport Width	9' 10"	3.0 m
Transport Length	56' 7"	17.3 m
Transport Height	11' 7"	3.5 m
Operating Width	9' 10"	3.0 m
with return conveyor	11' 9"	3.6 m
Operating Length	52' 2"	15.9 m
with extended under crusher conveyor	56' 11"	17.4 m
Operating Height	14' 11"	4.6 m

Astec cone plants are engineered for maximum crushing productivity.

The unique roller bearing design of the Kodiak® cone crusher outproduces larger competitor machines in a tough and reliable package.

TYPICAL APPLICATIONS



RECYCLING



MINING



DEMOLITION



QUARRYING

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BUILT TO CONNECT



Rev 4 / 26

Note: Consult factory for exact dimensions, specifications are subject to change without notice.

