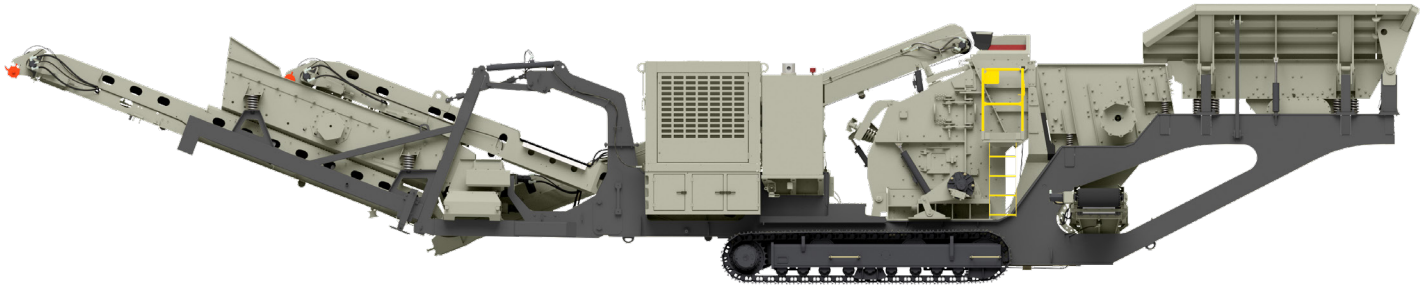


FT4250CC HYBRID & PRE-SCREEN ASTEC™

Mobile Crushing Plant Closed Circuit



Vibrating Feeder

- 42" (1,067mm) x 11' (3.35m) vibrating pan feeder
- 6.5 cubic yard hopper with hydraulically-folding walls

Vibrating Pre-Screen

- 4' (1.2m) x 7' (2.1m) two-deck scalping screen with module-style top-deck media and split, end-tensioned second-deck media
- Top deck is equipped with a 2" opening punch plate in the first section and a 2 1/2" spaced grizzly bar in the second section
- Second deck is equipped with 3/4" square-opening mesh

Impact Crusher - Horizontal Shaft Impactor

- HSI opening height: 36" (914mm)
- HSI width: 50" (1,270mm)
- 3-bar MPR rotor
- Multiple blow bar metallurgies available to fit application
- Two (2) fully-lined aprons
- Minimum apron settings: 2" (primary), 1" (secondary)
- Hydraulic adjustment
- RPM maximums vary on application and rotor
- Hydraulically-actuated rear access

Under-Crusher Conveyor

- 48" (1,200mm) fixed height with full spill boards
- Impact bed, 360PIW two-ply
- Easily removed for maintenance

Screen and Under-Screen Conveyor

- 6' x 12' 2-deck (screen cloth optional)
- Hydraulic drive screen motor
- 60" (1,524mm) under-screen conveyor
- 24" (600mm) reversible cross conveyor
- Lowers for transport, easily removed

Return Conveyor

- 18" recirculating conveyor
- Hydraulically lowers for transport
- Return chute with hydraulic fold

Chassis

- Sculpted frame design
- 24" (600mm) tracks with dual drive
- Track length: 12' 6" (3.6m)
- Balanced for zero cribbing
- Dust suppression with manifold

Power and Controls

- CAT C13 440hp/328kW Tier 4 Final
- 150gal (568L) fuel tank
- 200gal (757L) oil reservoir
- 440hp electric motor with starter, wiring and switchgear; includes
- 600A main breaker for 480V 3ph 60Hz power source
- One 12GPM and one 20GPM hydraulic circuit for magnet, side delivery, or auxiliary
- Radio remote/tether control system
- OPS 7 with push button or touchscreen
- Crusher CSS adjusted safely at control panel
- Real-time system monitoring display

Options

- 18" hydraulically-folding, side-delivery conveyor
- 18" additional cross conveyor for top-deck overs
- Permanent cross belt magnet, optional steel cladding
- Grizzly bars with 2.5" spacing vs. grizzly fingers
- Lighting package mounted on engine housing
- Belt scale for under-crusher conveyor
- Screen wire mesh for 6' x 12' screen
- 4-bar rotor (2 up, 2 down) vs. standard configuration
- CAT C13 440HP Tier III vs. Tier IV (international)
- Flop gate on return chute to direct overs off plant
- Engine enclosure filter kit
- Grizzly fingers with 1.5" spacing vs. punch plate/grizzly bars
- Pre-screen second-deck wire mesh

Physical/Operating Characteristics

Dimension	Standard	Metric
Travel Height	11' 11"	3.6m
Travel Length	71' 10"	21.9m
Travel Width	12' 2"	3.7m
Operating Height	14' 3"	4.3m
Operating Length	71' 8"	21.8m
Operating Width	11' 10"	3.6m
Operating Width w/ Discharge	16' 4"	5m
Feed Height	14' 3"	4.3m
Discharge Height	12' 1"	3.7m
Side Discharge (if equipped)	4' 7"	1.4m
Optional Cross Conv. (if reverse)	3' 9"	1.1m
Ground Clearance	10"	254mm
Highest Estimated Decibel Level (Operating with No Material)	100dB @ 3' 70dB @ 200'	0.9m 61m
Total Weight	125,000lb	56,699kg
Screen Package	11,750lb	5,330kg
Optional Magnet	4,736lb	2,148kg
Feeder & Hopper	13,550lb	6,146kg
Optional Side Delivery	1,530lb	694kg
Return Conveyor	2,430lb	1,102kg
Optional Cross Conveyor	2,000lb	907kg
Pre-screen	6,330lb	2,871kg

