FT3055 Mobile Jaw Plant





Vibrating Grizzly Feeder

- 50" (1,270mm) x 18' (5.5m) vibrating pan feeder
- 9.5 cubic yard hopper with folding walls
- 5' step deck grizzly bars 2.5" nominal spacing
- Bypass chute with flop gate

Jaw Crusher - Vanguard

- Jaw opening x width = 30" (762mm) x 55" (1397mm)
- 260 RPM maximum with 1.5" stroke
- 50" flywheels with AISI 4150 11.25" forged steel shaft
- Three (3) piece AR steel side liners
- Manganese steel jaw dies, cast steel pitman
- Hydraulic wedge adjust, min CSS 3", shim-less

Under Crusher Conveyor

- 48" (1,200mm) fixed height with full spill boards
- Impact bed, 330PIW, 3ply, endless belting

- Easily removed for maintenance

Chassis

- Sculpted frame design
- 23.6" (600mm) tracks with dual drive
- Track length 13' 8" (4.2m)
- Balanced for zero cribbing
- Dust suppression with manifold

Power and Controls

- CAT C 13 440hp/328kw Tier 4 Final
- 190gal (719L) fuel tank
- 185gal (700L) oil reservoir
- One 12GPM and one 20GPM hydraulic circuites 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

- 24" (600mm) side delivery with hydraulic fold
- Permanent cross belt magnet, optional steel cladding
- 440 PIW single ply under crusher, optional vulcanizing
- Extended under crusher conveyor with 12' 2" (3.7m) discharge and hydraulic fold
- Grizzly fingers with 2" nominal spacing vs. bars
- Belt scale for under crusher conveyor
- CAT C13 440HP Tier III vs. Tier IV (international)
- Tramp Iron Relief (TIR) system vs. wedge adjust
- Lighting package mounted on engine housing
- Engine enclosure filter kit

Physical/Operating Characteristics

Dimension	Standard	Metric
Operating Length	64' 5"	19.6m
Operating Width	11′10″	3.6m
Travel Length	58' 9"	17.9m
Operating Width w/ Discharge	15′ 9″	4.8m
Operating Height	14″	4.3m
Travel Width	12′	3.7m
Travel Height	11'11″	3.6m
Feed Height	12′ 11″	3.9m
Ground Clearance	11 ″	0.3m
Discharge Height	13′ 2″	4m
Side Discharge (optional)	4' 2"	1.3m
Total Weight	133,500lb	60,555kg
Under Crusher Conveyor	8,980lb	4,073kg
Optional Magnet	4,425lb	2,007kg
Feeder & Hopper	22,500lb	10,205kg
Optional Side Delivery	4,075lb	1,850kg
Capacity	700 TPH	635 MTPH

