

FRONTIER™ FT2650



Mobile Jaw Plant



Jaw Crusher

- 26" x 50" (660mm x 1270mm) feed opening
- Hydraulic wedge-adjust CSS
 - Min: 2 1/2" (64mm)
 - Max: 5" (127mm)
- Auto tension system
- Hydraulic motor drive
- Manganese steel jaw dies
- Remote grease lube for bearings
- NOTE: Factory adjusted closed side setting to 4" (100mm) peak to peak unless otherwise noted. If crusher is equipped with optional TIR system, fully retracted TIR cylinders for shipment.

Vibrating Grizzly Feeder

- 50" x 18' (1270mm x 5490mm) feeder assembly
- 60" (1520mm) long grizzly section with 2 1/2" (65mm) nominal grizzly bar spacing
- Variable speed hydraulic drive
- 7.5 cubic yard (5.7 cubic meter) capacity loading hopper with fixed walls
- Three-way bypass chute with flop gate and AR line

Chassis

- High strength welded steel main frame, fabricated box-beam cross section
- 19.69" (500 mm) wide tracks
- Hydraulic track drive
- Spring applied, hydraulic released brakes
- Access platforms and ladders
- Remote grease lubrication for ground-level access (except crusher or feeder)

Under Crusher Conveyor

- Nominal 48" (1200mm) wide belt
- Discharge height 10' - 11" (3.3 m)
- EP630/2 plain belt with 6mm top and 2mm bottom covers, includes vulcanized splice
- Dual motor hydraulic drive
- Impact bed under crusher
- Primary belt cleaner
- Removes easily for maintenance

Power & Hydraulics

- Caterpillar C9.3B diesel engine 335 hp (250 kW), Tier 4F / Stage V
- Engine block heater (120 VAC)
- 170-gallon (643 liter) fuel tank
- 115-gallon (435 liter) hydraulic tank
- Hydrostatic pump group and circuit
- One (1) 12 GPM (45 LPM) auxiliary circuit for optional side delivery conveyor (less side delivery conveyor)
- One (1) 20 GPM (76 LPM) auxiliary circuit for magnet (less magnet) or off-plant stacker
- Return filter mounted in tank
- Hydraulic system oil cooler

Control System

- PLC control system with touch screen display and radio remote with tether back-up
- Crusher overload protection (OPS system)
- Ultrasonic sensor in crusher feed hopper for automatic crusher feed regulation
- Real time system monitoring display

Dust Suppression System

- Manifold for customer filtered water source
- Spray bars at crusher inlet and head pulley of under crusher conveyor
- Ball valves for each spray bar

Optional Equipment

- Tramp Iron Relief (TIR) System for jaw
- Hydraulic Folding VGF Hopper Extensions (two sides)
- Grizzly Fingers, 2" (50mm) spacing in lieu of grizzly bars
- Side Discharge Conveyor
 - Nominal 18" (450mm) wide plain belt
 - Discharge height 4' - 6" (1.4 m) (RH discharge only)
 - Hydraulic fold for transport
- Extended Under Crusher Conveyor
 - Nominal 48" (1200mm) wide plain belt
 - Discharge height 13' - 4" (4.1 m)
 - Hydraulic fold for transport
- Self-cleaning Permanent Cross Belt Magnet, twin pole
- Caterpillar C9.3, 375 hp (280 kW) LRC (Lesser Regulated Countries) in lieu of Tier 4F / Stage V
- Engine Enclosure Filter Kit
- Immersion Heater for Hydraulic Reservoir, 120 VAC (with power plug and cord)
- Lighting Package – mounted on engine compartment
- Belt Scale for under crusher conveyor
- Security Kit
- Special Paint

Physical/Operating Characteristics

Dimension	Imperial	Metric
Transport Width	10' 9"	3.3 m
Transport Height	11' 5"	3.5 m
Transport Length	53' 10"	16.4 m
Operating Width	10' 9"	3.3 m
Operating Width w/ Side Discharge	15' 3"	4.7 m
Operating Height	11' 8"	3.5 m
Operating Height w/ Extended UCC	13' 10"	4.2 m
Operating Length	53' 10"	16.4 m
Feed Height	11' 5"	3.5 m
Base Machine Weight	104,000 lb	47.2 t
Typical Machine Weight, includes magnet & side conveyor	109,725 lb	49.8 t

