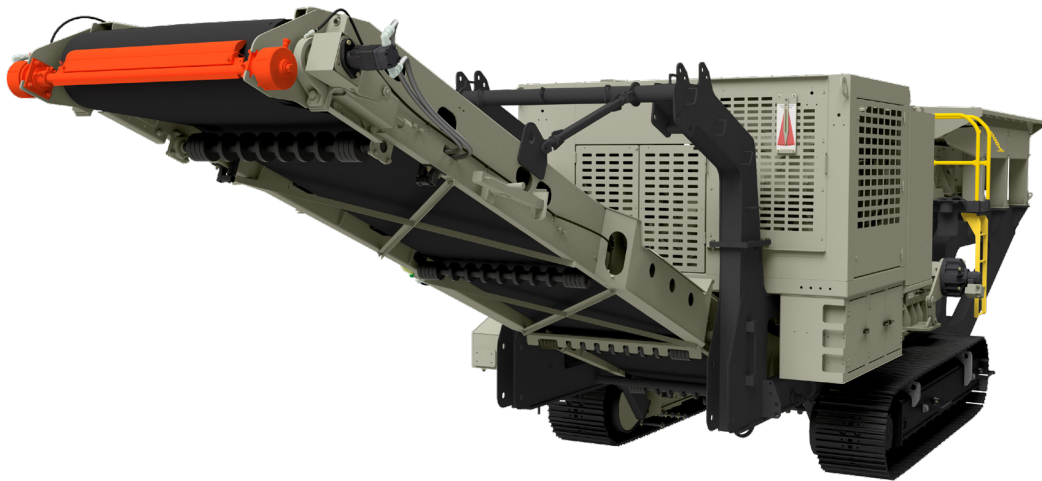


# FT42500C

## Mobile HSI Plant



### Vibrating Grizzly Feeder

- 50" (1,270mm) x 18' (5.5m) vibrating pan feeder
- 6.5 cubic yard hopper with fixed walls
- 5' step-deck grizzly fingers 1.5" nominal spacing
- Bypass chute with flop gate

### Impact Crusher - HSI

- HSI opening height - 36" (914mm) HSI width - 50" (1,270mm)
- 3 bar MPR rotor
- Multiple blow bar chemistries available to fit application
- Two (2) fully lined aprons
- Minimum apron settings - primary 2", secondary 1"
- 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 single ply
- Easily removed for maintenance

### 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
- One 12GPM and one 20GPM hydraulic circuits 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" side delivery with hydraulic fold
- 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
- Return chute for recirculation from off plant, optional flop gate and extension)
- 4 bar rotor (with 2 up, 2 down) vs. std.
- 18" return conveyor for recirculation from off plant, hydraulically lowers for transport
- Hydraulics for screen package (less screen)
- 6' x 12'; double deck screen with cross and under screen conveyor (requires hydraulic package)
- CAT C13 440hp Tier III vs. Tier IV (international)
- Engine enclosure filter kit
- Hybrid power option available

## Physical/Operating Characteristics

| Dimension                    | Standard | Metric |
|------------------------------|----------|--------|
| Travel Height                | 11' 11"  | 3.6m   |
| Travel Length                | 57' 4"   | 17.5m  |
| Travel Width                 | 11' 5"   | 3.7m   |
| Operating Height             | 11' 11"  | 3.6m   |
| Operating Length             | 57' 4"   | 17.5m  |
| Operating Width              | 11' 5"   | 3.5m   |
| Operating Width w/ Discharge | 15' 7"   | 4.7m   |
| Feed Height                  | 11' 5"   | 3.5m   |
| Discharge Height             | 10' 6"   | 3.3m   |

| Dimension   | Standard                  | Metric      |
|---|---------------------------|-------------|
| Side Discharge (if equipped)                                    | 4' 7"                     | 1.4m        |
| Ground Clearance  | 10"                       | 0.3m        |
| Highest Estimated Decibel Level<br>(Operating with No Material) | 100dB @ 3'<br>70dB @ 200' | 0.9m<br>61m |
| Total Weight  | 108,225lb                 | 49,090kg    |
| Optional Hopper Extensions                                      | 3,300lb                   | 1,497kg     |
| Under Crusher Conveyor  | 8,125lb                   | 3,685kg     |
| Optional Magnet   | 4,750lb                   | 2,154kg     |
| Feeder & Hopper   | 17,275lb                  | 7,835kg     |
| Optional Side Delivery  | 1,530lb                   | 694kg       |