

GT440 HYBRID

Mobile HSI Plant



Vibrating Grizzly Feeder

- 40" (1016mm) x 14' (4.3m) Vibrating Pan Feeder
- 6 cubic yard hopper
- 43" step deck grizzly fingers 1" nominal spacing
- Bypass chute with flop gate and AR liner

Impact Crusher - Horizontal Shaft Impactor

- HSI opening height - 36" (914mm) HSI width - 40" (1,270mm)
- 3 bar MPR rotor with 402 lb. blow bars
- 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

- 36" (900mm) fixed height with full spill boards
- Impact bed, 360PIW 2 ply
- Easily removed for maintenance

Chassis

- Sculpted frame design
- 15.7" (400mm) tracks with dual drive
- Diesel / Hydraulic track drive
- Balanced for zero cribbing
- Dust suppression with manifold

Hybrid Power Unit

- CAT C9.3B 380hp / 285kw Tier 4 Final
- 140gal / 520L fuel tank
- 135gal / 511 oil reservoir
- 380hp electric motor with starter, wiring, and switchgear; includes 400A main breaker for 480V 3ph 60 Hz power source
- Clutch and gearbox adapter for hydrostatic pump group

Controls

- 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
- Grizzly Bars with 2.5" spacing vs. grizzly fingers
- Grizzly Pre-Screener with 1/2" spacing
- 4 bar rotor (with 2 up, 2 down) vs. std.
- Lighting package mounted on engine housing
- Return chute for recirculation from off plant, optional flop gate and extension)
- Engine enclosure filter kit

Physical/Operating Characteristics

Dimension	Standard	Metric
Operating Length	51' 1"	15.6 m
Operating Width	10' 0"	3.2 m
Travel Length	51' 1"	15.6 m
Operating Width (Return Chute)	13' 5"	3.4 m
Operating Height	11' 5"	3.5 m
Operating Width (add for Side Discharge)	3' 11"	1.2 m
Operating Height (with Return Chute)	12' 6"	3.8 m
Travel Width	10' 0"	3.2 m
Travel Height	11' 5"	3.5 m
Feed Height	13' 5"	3.4 m
Ground Clearance	11' 0"	0.3 m
Discharge Height	10' 4"	3.2 m
Side Discharge (optional)	5' 4"	1.6 m
Diesel Highest Estimated Decibel Level (Operating with No Material)	98dB at 25' 96dB at 40'	7.6 m 12.2 m
Elec. Highest Estimated Decibel (Operating with No Material)	90dB at 25' 86dB at 40'	7.6 m 12.2 m
Feeder & Hopper	11,010lb	4,995kg
Optional Magnet & Support	2,800lb	1,270kg
Total Weight	85,000lb	38,555kg
Optional Side Delivery	1,300lb	590kg
Under Crusher Conveyor	5,500lb	2,495kg
Optional Return Chute	540lb	245kg

