

VS5054

Portable HSI Plant



Hopper/Vibrating Grizzly Feeder Module

- 3/4" fabricated steel hopper and supports
- 50" x 20' horizontal type oil lubrication feeder
- 5' replaceable and adjustable deck grizzly section
- Grizzly spacing 1" to 5", specified at order
- 3/4" mild steel deck liner
- 40 HP motor, adjustable motor mount and v-belt drive

Impact Crusher - HSI

- HSI feed opening 58" (1346mm) x 53" (1473mm)
- Apron setting range 4" – 8" (102mm x 203mm)
- 450 – 600 RPM/5,065 – 6,750 FPM rotor speed range
- MPR solid rotor design
- Fully lined chamber and apron with abrasion resistant steel liners
- Hydraulic adjustment for easy crusher setting
- Hydraulically activated rear access door

End Delivery Conveyor

- 48" channel frame
- Belt cleaner
- Screw take-up belt tension
- 25 HP motor, mount, drive, and guarding

Chassis

- Semi-trailer with quad rear axle
- Rear crib leg and king pin support
- Sixteen 11.00 x 22.5 dual mounted tires
- Air brakes, travel lights, mudflaps
- Motor mount and v-belt drive for optional power
- Bypass chute under grizzly module
- Service platforms behind and beside crusher

Options

- 300 HP TEFC electric motor at 1200 RPM
- 300 HP starter and 60' of cable
- Electric motor controls for basic plant (excluding crusher)
- NEMA-12 remote panel box with feeder VFD
- 50" x 24' vibrating feeder, grease lube, 60 HP motor (shown above)
- 50" x 20' vibrating feeder, grease lube, 40 HP motor
- Extension brackets for feed hopper (less planks)
- 24" x 15', 5 HP side delivery conveyor
- Hydraulic jacks (6) with 24" stroke for cribbing
- 8 HP gas (electric start) or 5 HP electric power pack for hydraulic jack system
- Consult factory for additional hopper, crusher, conveyor, axle, jack, and power options

Physical/Operating Characteristics

Dimension	Standard	Metric
Operating Length	62' 10"	19.2m
Travel Length	56' 11"	17.4m
Operating Height	18' 0"	5.5m
Travel Height	14' 6"	4.4m
Ground Clearance	13"	0.3m
Total Weight (basic plant)	186,700lb	50,276 kg
Travel Weight (basic plant)	122,000lb	37,258 kg
End Delivery Conveyor	10,800lb	4,132 kg
Feeder & Hopper	57,000lb	25,855 kg
HSI Base & Rotor (less hood)	53,300lb	24,180 kg

Dimension	Standard	Metric
Operating Width	12' 10"	3.9m
Operating Width w/ Discharge	15' 10"	4.8m
Travel Width	10' 8"	3.2m
Feed Height	10' 3"	3.1m
Discharge Height	9' 6"	2.9m
Side Discharge (optional)	7' 8"	2.3m
HSI Hood & Curtain	7,700lb	3,500kg
Basic Motor Controls & Panel	800lb	363 kg
Electric Motor & Mount	5,490lb	2,490 kg
Optional Side Delivery	1,925lb	873 kg