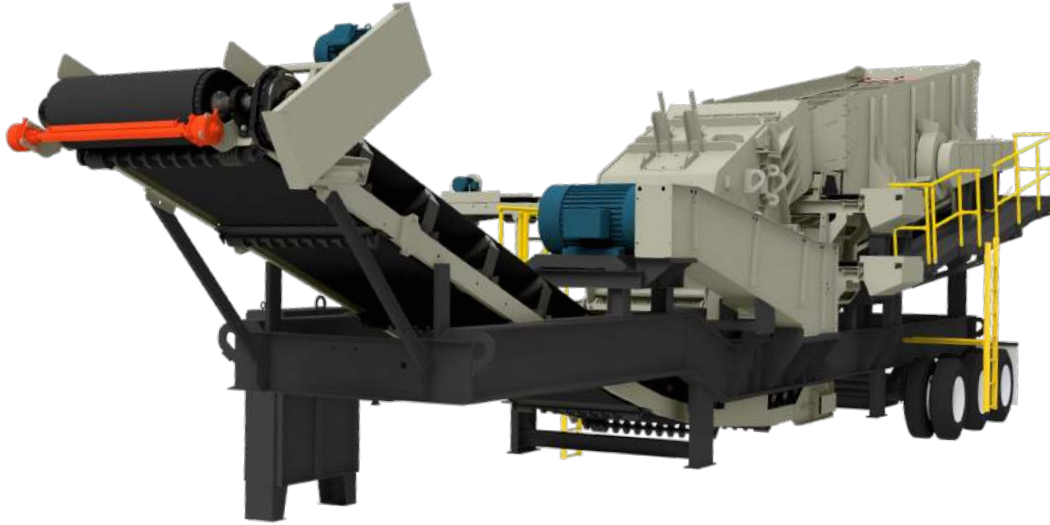


SS4250

Portable HSI Plant



Heavy Scalping Screen With Conveyor

- 6' x 20' 3 deck incline screen KPI model 6203LP at 15deg
- 40 HP motor, mount, drive, and guarding
- AR lined feed box and discharge lips
- LESS screen cloth LESS starter and wiring
- Standard screen discharge configuration top deck to crusher, middle deck to crusher or under crusher bypass, bottom deck to under crusher bypass chute, fines to under screen conveyor
- 60" Under Screen Conveyor, channel frame
- Belt and belt cleaners
- 20 HP motor, mount, drive, and guarding

Impact Crusher - HSI

- HSI feed opening 50" (1,270mm) x 36" (914mm)
- Apron setting range 2" – 6" (51mm x 152mm) upper
- 1" – 4" (25mm x 102mm) lower
- 450 – 625 RPM / 4,950 – 6,875 FPM rotor speed range
- MPR sculpted 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" lattice frame rear mounted
- Belt cleaner
- Screw take-up belt tension
- 20 HP motor, mount, drive, and guarding

Chassis

- Semi-trailer with triple rear axle
- Rear crib leg and king pin support
- Twelve 11.00 x 22.5 dual mounted tires
- Air brakes, travel lights, mudflaps
- Bypass chute at scalper discharge (bottom deck, middle deck as selected) (remains with middle cross option)
- Service platforms behind and beside crusher
- Walkway on sides and rear of incline scalping screen (removes with screen for transport)

Options

- 200 HP TEFC electric motor at 1200 RPM
- 200 HP starter and 60' of cable
- Electric motor controls for basic plant (excluding crusher) NEMA-12 remote panel box with feeder VFD
- 24" x 20', 5 HP cross conveyor (for middle deck)
- 24" x 12', 3 HP cross conveyor (for bottom deck, may accept middle deck) (in lieu of under crusher bypass)
- Hydraulic jacks (4) with 24" stroke for cribbing
- 8 HP gas (electric start) or 5 HP electric power pack for hydraulic jack system
- Consult factory for additional screen, crusher, conveyor, axle, jack, and power options

Physical/Operating Characteristics

Dimension	Standard	Metric
Operating Length	61' 11"	18.9m
Travel Length	48' 9"	14.9m
Operating Height	17' 7"	5.4m
Travel Height	14' 7"	4.4m
Ground Clearance	13"	0.3m
Total Weight (basic plant)	99,390 lb.	45,082 kg
Travel Weight (basic plant)	70,690 lb.	32,065 kg
End Delivery Conveyor	6,800 lb.	3,085 kg
Incline Scalp Screen & Mount	16,400 lb.	7,440 kg
60" Under Screen Conveyor	9,660 lb.	4,380 kg
Screen Walkways	1,840 lb.	835 kg
Screen Bypass Chute	1,030 lb.	470 kg

Dimension	Standard	Metric
Operating Length	14' 2"	4.3m
Operating Width w/ Discharge	22' 2"	6.7m
Travel Width	11' 11"	3.6m
Feed Height	17' 7"	5.4m
Discharge Height	10' 7"	3.2m
Under Screen Discharge Height	10' 4"	3.1m
Middle Cross Discharge	9' 6"	2.9m
Bottom Cross Discharge	7' 0"	2.1m
Cross Conveyor (20' middle)	3,000 lb.	1,360 kg
Cross Conveyor (12' bottom)	2,080 lb.	943 kg
Basic Motor Controls & Panel	800 lb.	363 kg
Electric Motor & Mount (on jaw)	3,000 lb.	1,360 kg