

Greyhawk Superior 6x20 Portable Screen Plant Unit #1128

#1244/1848569

GreyHawk Heavy Duty Chassis

- Main frame constructed of wide flange structural steel beams
- Tandem axle with (8) 11x22.5 radial tires
- Complete air brake system
- LED side marker and tail lights
- Fifth wheel hitch
- Catwalk around the sides and feed end of the screen

Superior Guardian 6203 Horizontal Vibrating Screen

Supply and Installation for a 6x20 3 deck, all pertinent items and components including:

- Adjustable motor base, motor sheave, screen sheave, v-belts, drive guard
- Screen and all pertinent items and components are supplied by Superior
- Vertical dampening
- Top Deck Specifications
 - Heavy x-brace single crown deck to accommodate 4' single crown wire cloth media sections
 - Media not included
 - Standard take up rails
 - Cross member protection not included
- Middle Deck Specifications
 - Heavy x-brace single crown deck to accommodate 4' single crown wire cloth media sections
 - Media not included
 - Standard take up rails
 - Cross member protection not included
- Bottom Deck Specifications
 - Media not included
 - Standard take up rails
 - Cross member protection not included
- 40 HP TEFC, 1200 RPM, 460 volt, 3 phase, 60 hz, screen drive motor
- Right hand drive

Screen discharge chutes

- Roll away chute (Manual)
- Constructed of 1/4" Mild Steel with 1/4" stitch welded AR Liners
- Top deck can discharge over the kingpin, or to either cross conveyor (4 blending gates)
- Middle deck discharges onto front or rear cross conveyor (4 blending gates)
- Bottom deck discharges onto rear cross conveyor or underscreen conveyor (4 blending gates)

(2) 30" wide side discharge cross conveyor

- Formed channel main frame
- 10" x 32" tail pulley, wing style
- CEMA C – 5" dia. 20 deg troughing idlers
- CEMA C – 5" dia. Return idlers
- Dodge bearings
- Manual screw take-ups
- Belting - 2 ply, 3/16" x 1/16" 220 PIW
- Belt splice - steel mechanical fasteners
- Scraper-Superior Exterra

60" rear discharge underscreen conveyor

- Formed channel main frame
- 14" x 63" head pulley, CF with 3/8" HB lagging
- 12" x 63" tail pulley, wing style
- CEMA C – 5" dia. 20 deg picking idlers
- CEMA C – 5" dia. Return idlers
- Motor-20HP 1800RPM 230/460/3ph
- Gear reducer-Master PT shaft mount
- Shafts - turned and polished
- Dodge bearings
- Manual screw take-ups
- Belting - 3 ply, 3/16" x 1/16" 220 PIW
- Belt splice - steel mechanical fasteners
- Scraper-Superior Exterra

Hydraulics

- 13HP Honda Hydraulic Power Unit
- (4) Leveling jack legs

Electrical control panel

- NEMA 4 enclosure
- NEMA SQUARE D electrical components
- (1) 40 HP screen driver motor
- (2) 10 HP cross conveyor (Reversing)
- (1) 20 HP rear discharge underscreen conveyor
- (3) Aux. #2 starters
- Hour meter
- Warning horn
- Labelled start/stop pushbuttons and E-stop pushbutton mounted on door of electrical panel
- Mounted on skid frame with lifting eyes
- Power cables from motors to place panel 15' from plant

Safety Guards:

We install all standard guarding, customer will be responsible for compliance with local codes.

General:

- Chassis to be sandblasted, one coat two part epoxy primer and two part urethane finish painted one coat GreyHawk beige with orange and grey highlight stripe on the trailer frame beams.
- (2) sets of owners/parts manuals.

