

SPYDER 622TH TRIPLE-DECK SCREENING PLANT

Key Features:

- CAT® C4.4 140 HP (102Kw) Turbocharged Diesel Engine - Tier 4 Final
- Upgraded Air Cleaner Included
- 6'-0" x 22'-0" Heavy-Duty Triple Deck Horizontal Screen Box
- Triple Shaft Shaker Drive
- Top Mounted For Easy Access With Adjustable Stroke Angle, Stroke Length, and Speed
- USA-Made Grade 80 Steel Frame
- Wireless Remote Control Operation From Safety of 300' Distance
- Four Self-Contained Stockpiling Conveyors
- Hydraulically Pivoting Overs Conveyor Allows Recirculation to Crusher
- Engineered To Accept Direct Feed From Crusher or Excavator
- Manufactured in Columbus, Ohio USA

SCREENS

- 6'-0" x 22'-0" triple deck, triple shaft screen (1.83m x 6.70m)
- Top mounted shaker drive
- Adjustable stroke angle, stroke length, and speed
- 3/8" (9.53 mm) USA-made Grade 80 Steel Screen Box Frame
- Four sections of side-tension screen cloth per deck
- Access holes in side of bottom deck for ease of screen installation
- Heavy-duty fixed catwalks for safety and maintenance access

HOPPER FEED BOX

- Heavy-duty steel hopper mounted above shaker screen
- 3/8" (9.53 mm) thick USA Grade 80 steel walls
- Direct feed design requires no additional feeder
- Removable front panel for recirculating
- Large direct target feed opening of 9'-0" X 10'-8" (2.7m x 3.25m)
- Low feed height — 10'-11" (3.33m) to top of hopper
- Hopper sides hydraulically fold down for transport
- Walls hydraulically fold down for crusher feed or recirculation
- Inline feed height — 8'-6" (2.59m) with back wall folded down
- Feed Match: Crusher feed or 1-3 Cu. Yard excavator

POWER SYSTEMS and CONTROLS

- CAT® C4.4 Turbocharged 140 HP (102Kw) Diesel Engine
- 100 Gallon (379L) fuel tank with lockable fuel cap
- 150 Gallon (568L) baffled hydraulic tank
- Hydraulic oil cooler, large diameter hydraulic hoses & fittings
- Lockable control panels and electronic engine controls
- Four (4) Emergency Stops and shutdown button on remote
- Wireless remote control operation and travel

DISCHARGE CONVEYORS

- USA-Made Grade 80 channel formed steel construction
- All belts are 36" (914mm) wide with guide rollers
- Discharge Belts: Oversize and Big Midsize belts are cleated 16'-5" (5m)
- Oversize discharge height
- 15'-7" (4.76m) Big Midsize discharge height
- 13'-2" (4.02m) Small Midsize discharge height
- 12'-5" (3.79m) Fines discharge height

DISCHARGE CONVEYORS (continued)

- Adjustable discharge belt angles vary from 18°-30°
- Stainless steel chutes

STRUCTURE

- Fixed catwalks
- Integrity of frame eliminates need for outriggers or landing gear
- USA-Made Grade 80 steel construction Unibody frame

TRACKED UNDERCARRIAGE and BUILD-OUT STRUCTURE

- Heavy-duty tracks with 9" (229 mm) ground clearance
- Sealed and lubricated pins and bushings
- High speed for travel and low speed for maneuvering
- Outside Track Width 10'-10" (3.30m)



Height	Length	Width	Weight	Top Deck	Bottom Deck	Conveyor Widths			Discharge Heights				Engine	Tracks	Fuel Capacity	Hydraulic Capacity
						Oversize	Mids (2)	Fines	Oversize	Lg Mids	Sm Mids	Fines				
15'-7"	59'-5"	55'-1"	84,000lbs	5'-0"x16'-0"	6'-0"x22'-0"	36"	36"	36"	16'-5"	15'-7"	13'-2"	12'-5"	CAT C4.4	16" wide	100gal	150gal
4.7m	18.1m	16.7m	38,101kg	1.5m	1.8m	914mm	914mm	914mm	5.0m	4.7m	3.4m	3.8m	140 HP	400mm	379L	568L
				x4.9m	x6.7m								104kw			