



ASTEC

MOBILE SCREENS

an Astec Industries, Inc. Company



The PEP Duo-Vibe® high frequency screen is incorporated into the heavy-duty Fold 'n Go Series of mobile screening plants via the Fold 'n Go 2612D to meet the most versatile application demands. This unit offers a double deck PEP scalper/high frequency combination screen for processing coarse and fine material separations. The Fold 'n Go 2612D gives maximum production and efficiency in crushed stone, RAP, sand & gravel, coal and more. As with all Fold 'n Go mobile screening plants, these wheel mounted screening plants are able to move around to multiple job sites with a quick setup time of under 15 minutes.

Fold 'n Go® 2612D

SCREEN:

PEP Duo-Vibe 2612D double deck dual frequency screen: 5' x 10' scalper top deck driven by 1200 RPM vibrating mechanism mounted on screen; 6' x 12' high frequency bottom deck driven by five (5) variable speed hydraulic vibrators (0-4200 RPM) mounted below screen for directly induced vibrating action; All vibrators have five (5) force amplitude settings on adjustable slip counterweights; Hydraulic controls for variable angle operation. Rotary tension device for quick bottom deck screen cloth changes. Top and bottom discharge chutes, aggregate spreader and fixed access ladder with wrap-around walkway for easy screen access. Standard material separations range from 3" to 30M depending on application.

POWER SYSTEM:

99 HP John Deere water-cooled diesel engine to power all plant functions and three on-board stacking conveyors; 12 volt battery. Engine mounted pumps to operate all plant functions. NEMA-4 rated instrument panel, tachometer, hour meter, voltmeter, oil pressure gauge, oil temperature gauge and emergency stop. Auxiliary power for up to 30 HP off-plant conveyors.

CHASSIS:

21" I-beam with king pin type hitch; Hydraulic landing gear for leveling of plant; Tandem axle assembly with eight (8) 11 R22.5 tires and mud flaps; leaf spring type suspension, air brakes, tail lights and side marker lights.

PLANT CAPACITY:

Screening plant can process up to 350 TPH or more of feed material. Actual tonnages will vary depending on application requirements: feed material size, material separations, type of screens used, weight of product and other material considerations.

CONVEYOR SYSTEM:

Delivery Conveyor - 43' x 36" conveyor with hydraulic drive (350 FPM). Side Conveyors - Two (2) 27' x 24" swing out conveyors with hydraulic variable speed drive (0-350 FPM). Fines Conveyor - 23' x 42" conveyor with hydraulic drive (350 FPM); All conveyors have 220 PIW, 1/8" x 1/16" cover belting, belt cleaners and fold for transport.

FEEDER SYSTEM:

12 cubic yard heaped capacity hopper with 6' x 13' top opening; Heavy-duty 25° sloped grizzly with 6" nominal opening; Hydraulic dump with patented scissor action for easy cleaning; Adjustable gate; 14' x 42" belt feeder with hydraulic variable speed drive (0-60 FPM); Belting is 330 IW, 3/16" x 1/16" cover.

SERVICE CAPACITY:

Fuel Tank.....140 gal
Hydraulic Tank.....150 gal

TRANSPORTATION:

Weight65,400 lbs
Height13' - 06"
Length.....66' - 06"
Width.....11' - 11"
Axles.....Tandem

OPTIONS:

Bulkhead - Assists in ramping for loader feed to feed hopper.
Remote Control Grizzly - Assists in dumping oversize material off feed hopper from loader.
Wings - Assists in funneling feed material onto feed hopper grizzly.
Screen Cloth - various types of screen media are available for multiple applications.

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