



ASTEC

MOBILE SCREENS

an Astec Industries, Inc. Company



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

Fold 'n Go® 2612V

SCREEN:

PEP Vari-Vibe 2612V double deck high frequency screen: 6' x 12' top and 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 screen cloth changes. Top and bottom discharge chutes, aggregate spreader and fixed access ladder with wraparound walkway for easy screen access. Standard material separations range from 1" to 30M depending on application.

POWER SYSTEM:

115 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:

Weight66,400 lbs
Height 13' - 06"
Length.....66' - 06"
Width11' - 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.
Dust Cover - Vinyl dust cover for improved dust control.
Screen Cloth - Various types of screen media are available for multiple applications.

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