



ProSizer™ SPECIFICATIONS

The ProSizer™ 2612V is the complete solution for processing FRAP millings for the asphalt producer. This closed circuit mobile plant incorporates a double deck PEP Varib-Vibe® high frequency screen with a horizontal shaft impactor (HSI) crusher. Hydraulic screen angle adjustment and rotary screen tensioning system can meet the different FRAP application demands with ease. This unit has central grease points and easy-to-reach engine controls for routine service. The quick set up time of less than 15 minutes allows the producer to move around to multiple job sites and process FRAP back to its original size. This allows the producer to increase FRAP usage while adding flexibility and improved control in mix designs.

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 deck discharge chutes lined with UHMW, aggregate spreader and fixed access ladder with wrap-around walkway for easy screen access. Standard RAP material separations recommended are from 3/4" to 3/16".

CRUSHER:

2430 Horizontal Shaft Impactor (HSI) crusher with heavy fabricated steel plate housing; abrasion resistant steel housing liners: one impact apron with replaceable chrome iron alloy liners; chrome iron alloy impeller bars; open type dynamically balanced steel rotor shaft mounted on spherical bearings; inspection access doors in housing; direct coupled hydraulic drive.

POWER SYSTEM:

250 HP John Deere water cooled diesel engine to power all plant functions; 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.

PLANT CAPACITY:

Screening plant can process up to 200 TPH or more of feed material. HSI crusher is capable of processing 50 to 75 TPH of oversized material. Maximum oversize feed material to HSI crusher is 5" to 6". 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); Full-length skirtboards. Side Conveyor - One (1) 33' x 24" swing out conveyor with hydraulic variable speed drive (0-350 FPM). Fines Conveyor - 23' x 42" conveyor with hydraulic drive (350 FPM); Oversize Closed Circuit Conveyor - One (1) 26' x 18" 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

CHASSIS:

21" I-beam with king pin type hitch; Hydraulic landing gear for leveling of plant; Triple axle assembly with twelve (12) 11 R22.5 tires and mud flaps; leaf spring type suspension, air brakes, tail lights and side marker lights.

SERVICE CAPACITY:

Fuel Tank - 140 gal
Hydraulic Tank - 130 gal

TRANSPORTATION:

Weight - 70,000 lbs
Height - 13' - 06"
Length - 66' - 07"
Width - 11' - 11"
Axes - Triple

OPTIONS:

Crusher - 2421 HSI crusher ILO 2430 HSI; capable of processing 35 to 50 TPH.
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.



ProSizer™ SPECIFICATIONS

