



ASTECC

MOBILE SCREENS

an Astec Industries, Inc. Company



The Fold 'n Go 2512KT is a mobile track screening plant that features a double deck screen for processing sand & gravel, topsoil, slag, crushed stone and recycled materials. As with all Fold 'n Go mobile screening plants, this plant provides easy to reach engine controls and grease points for routine service. For material producers that prefer wheels and need more site to site mobility, the Fold 'n Go 2512K is available. Both plants provide simple to use hydraulic leveling gears, hydraulic plant controls and screen angle adjustment.

Fold 'n Go[®] 2512KT

SCREEN:
2512K double deck screen: 5' x 12' top and bottom deck driven by 1200 RPM vibrating mechanism mounted on screen box; Variable eccentric shaft with five (5) force amplitude settings on adjustable slip counterweights; Rubber isolator blocks; Hydraulic controls for variable angle operation. 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 10M depending on application.

POWER SYSTEM:
125 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.

CHASSIS:
24" I-beam; Hydraulic landing gear for leveling of plant; Track system with wireless remote control for easy jobsite movement.

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 - 28' x 42" conveyor with hydraulic drive (350 FPM); Full-length skirtboards. Side Conveyors - Two (2) 27' x 24" swing out conveyors with hydraulic variable speed drive (0-350 FPM). Fines Conveyor - 20' x 48" 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 PIW, 3/16" x 1/16" cover.

SERVICE CAPACITY:
Fuel Tank.....140 gal
Hydraulic Tank.....100 gal

TRANSPORTATION:
Weight61,000 lbs
Height. (on lowboy)13' - 11"
Length49' - 08"
Width.....11' - 11"

OPTIONS:
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.

Fold 'n Go 2512KT

