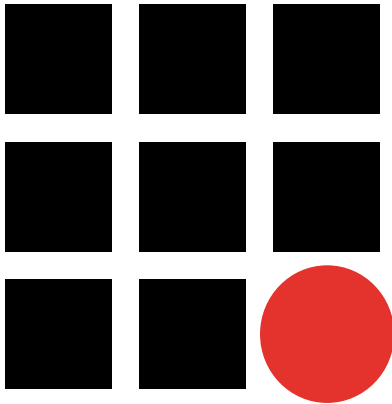


ASTEC
MOBILE SCREENS
an Astec Industries, Inc. Company

FULL LINE

FULL PRODUCT LINE



ASTECS MOBILE SCREENS, INC., a member of the Astec Industries family, develops, manufactures and markets mobile, portable and stationary screening plants for the crushed stone, sand & gravel, recycle, mining and other material processing industries. Founded in 1976 as Production Engineered Products (PEP), our company revolutionized the materials processing industry with the introduction of the PEP Vari-Vibe® and PEP Duo-Vibe® high frequency screens. In 2004, we combined our line of PEP high frequency screening plants with the Kolberg® line of mobile screening plants to form Astec Mobile Screens. We currently offer the broadest line of mobile, stationary and portable screening solutions in the world. Our mission is to provide the most innovative solutions in material processing, while focusing on quality, cost and economic advantage to the material producer.

Manufacturing Facility

The Astec Mobile Screens manufacturing facility and administrative offices are located in Sterling, Illinois. All products are produced at this location and shipped directly to customers and through our worldwide distribution channel.



ProSizer™ 2612V

The ProSizer 2612V is the complete solution for processing RAP millings for the asphalt producer. This closed circuit mobile plant incorporates a double deck PEP Vari-Vibe high frequency screen with a horizontal shaft impactor (HSI) crusher. With a set-up time of around 15 minutes, it can be easily and quickly moved around to multiple sites to process RAP back to its original size. This unit allows the producer to increase RAP usage while adding flexibility and improved control in mix designs.



Fold 'n Go® 2612D

The Fold 'n Go 2612D, was designed to meet the most versatile application demands. This plant comes with the PEP Duo-Vibe scalper/high frequency combination screen for processing both coarse and fine material separations. This model offers maximum production and efficiency in crushed stone, RAP, sand & gravel with separations from 2" to 30M. Designed with on-board stacking conveyors and easy hydraulic set-up, this unit is ideal for the contractor on the go unfolding in just minutes.



Fold 'n Go 2612V

The Fold 'n Go 2612V mobile screening plant offers the portable solution for fine screening applications. This mobile screen comes with a 6' x 12' PEP Vari-Vibe double-deck high frequency screen. The directly induced vibration on both decks allows for high production and consistent processed material separations from 1" to 30M on a variety of materials including crushed stone, RAP, sand and gravel and coal. As with all Fold 'n Go units, this plant is ideal for the material producer with stand-alone or multiple operations.



Fold 'n Go 2618VMT

The Fold 'n Go 2618VMT is a track screening plant that features the ultimate in screen production and efficiency. This plant is designed with a direct feed system for operation with track crushers in tight spots and comes with a double deck PEP Vari-Vibe high frequency screen for a wide range of applications. Providing the highest screen capacity in the market for material separation ranging from 1" to 30M, this plant is equipped with three (3) on-board stacking conveyors.



Fold 'n Go 2512K / KT

The Fold 'n Go 2512K mobile screening plant features a 5' x 12' conventional two bearing incline double deck screen. This unit is capable of efficiently processing sand & gravel, topsoil, slag, crushed stone and recycled materials. Aggressive screen action allows for material processing in the 3" to 10M. Designed with a variable eccentric shaft with adjustable amplitude settings, rubber isolator blocks and hydraulic controls for variable angle operation, these plants are ideal for material producers needing a universal screening plant. The Fold 'n Go 2512KT offers the same features as the Fold 'n Go 2512K, but on tracks. This plant offers a standard inlet hopper chute for in-line processing feed from a crushing plant.



Fold 'n Go 2516KT

For more production in sand & gravel, topsoil, slag, crushed stone and recycled materials. The Fold 'n Go 2516KT track screening plant offers a 5' x 16' conventional two bearing incline double deck screen. As with all Fold 'n Go mobile screening plants, this plant provides easy to reach engine controls and central grease points for routine service and simple-to-use hydraulic leveling gear, hydraulic plant controls and screen angle adjustment. For producers looking to increase screen efficiency, the Fold 'n Go 2516KT has the extra length to meet processing demands.



DirectFeed™ 2516T

The DirectFeed™ 2516T is a track mounted direct feed screening plant that features a 5' x 16' top & bottom deck screen. This unit is designed to handle top size material feed of 24". It is ideally suited for sizing coarse material and/or pre-screening crushers in recycle, demolition, mining, landfill and aggregate applications. This self-contained plant provides easy to reach engine controls and grease points for routine service and operation. It is capable of processing up to three (3) saleable products with on-board stacking conveyors. The large feed hopper can be fed by excavator/loader and paired with either a belt feeder or optional heavy-duty apron feeder.



KDS SERIES

Designed for construction and recycling contractors, the KDS Series includes the 708 and 710 wheel units and the KDS 710T a track mounted model. This allows the KDS 710T to be moved around in tight construction areas by the loader operator. These mobile screening plants are easy to operate and highly reliable in processing recycled materials, crushed stone, demolition waste, topsoil and more. These robust machines offer heavy-duty plate steel and AR liners in the hopper area giving a much longer life while processing demanding loads.



271K / 291K

These traditional screening plants can be equipped with 4' x 8' to 5' x 12' conventional two bearing screens depending on model. Capable of processing sand & gravel, topsoil, slag, crushed stone and recycled materials, these plants offer water-cooled diesel power engine for all plant functions. All plants provide simple-to-use hydraulic plant controls and screen angle adjustment. These units provide a turnkey screening plant with power for off-plant stacking conveyors.



PEP High Frequency Screens

The PEP High Frequency Screens provide the highest capacity in the market for fines removal, chip sizing, dry manufactured sand and more. Each screen is equipped with variable speed and screen angle operation for optimal efficiency when production needs change. The PEP family of screens includes the PEP Vari-Vibe® and PEP Duo-Vibe® high frequency screens.

The PEP Vari-Vibe screens are available in single, double and triple deck configurations and range from 6' x 6' up to 6' x 24' depending on model. High frequency screen action is available on all screen decks for processing material with separations typically ranging from ½" to 30M. These screens are ideal in post-screening applications for increasing production and reducing waste stockpiles. The PEP Duo-Vibe offers dual frequency with a scalper/high frequency combination screen for processing material. The dual frequency screens are available in double and triple deck configurations ranging from 5' x 10' to 5' x 15' on the top scalper deck and 6' x 12' to 6' x 18' on the bottom high frequency deck(s). Typical separations range from 2" to 5/8" on the top deck and from ½" to 30M on the bottom high frequency deck. These screens are ideal in pre-screening applications for improving production needs earlier in the circuit by removing fines.

There are many advantages a PEP High Frequency Screen provides the material producer from higher production capabilities to more efficient sizing as compared to conventional screens. The higher production is achieved by an aggressive screen vibration directly applied to the screen media at rates up to 4200 RPM. The high level of vibrating RPMs allow for material to stratify and separate at a much faster rate while being processed as compared to conventional screens. Also, the rotary tensioning system utilized on the PEP High Frequency Screens allows for the quickest screen media changes in the industry. This provides the material producer the ability to change screen media with less downtime and more production time.



PTSC SERIES

The PTSC Series of portable screening plants are designed for in-line material processing and durability for site-to-site movement. These units are available in both the PEP Vari-Vibe and Duo-Vibe high frequency screens which provide material separations from 3" to 30M. Whether removing fines in pre-screening applications or sizing chips in post-screening applications, these plants are ideal for existing circuits needing more production.



PSP 2618VM

The PSP 2618VM is a mobile screening plant that delivers pin-point processing in chip sizing, fines removal, manufactured sand, fractionating RAP and more. Featuring a modified 6' x 18' PEP Vari-Vibe double deck screen, the PSP 2618VM is capable of the highest production rates in material separations ranging from 1" to 30M. This plant is ideal for either stand-alone operations or in-line processing and comes equipped with a high-powered diesel engine/generator package for all plant functions with enough auxiliary power for three (3) radial stacking conveyors.



SUPER SERIES III

By combining the PEP Duo-Vibe dual frequency screen with a triple deck horizontal screen onto one portable chassis, the majority of fines can be removed first to allow efficient sizing later. This pre-screening process successfully eliminates the problem of overloading and blinding on the bottom deck of the horizontal screen. Portable units come with three side transfer conveyors plus discharge conveyor that collects fines from both screens, but stationary structures can be configured when necessary.



Astec Mobile Screens is committed to providing the most innovative solutions to the material processing industry and of the highest quality. Whether through our factory representatives or worldwide distribution channel, we are further committed to providing the highest level of service and parts to the ever-changing market. The key to our strength lies with listening to our customers. We realize that the job has just begun when a screening plant is purchased. Our relationship with our customers goes beyond the initial sale and follows into service, parts availability and future processing needs.

Each screening plant is designed with the operator in mind. The applications our screening plants face vary considerably, but they all share the same innovative technology. This innovation allows us to offer a screening plant that helps our customers perform better, safer and achieve maximum return on their investment. A screening plant from Astec Mobile Screens meets the very highest demands in all kinds of applications.