



ASTECC
MOBILE SCREENS

FULL LINE



FULL PRODUCT LINE

ASTECC 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. Our company now offers the broadest line of mobile, stationary and portable screening solutions in the world with a mission to provide the most innovative solutions to material processing, while focusing on quality, cost and economic advantage to the 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.



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 1/2" 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 scalper deck and from 1/2" 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.



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 the 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 the original Fold 'n Go, this unit is ideal for the material producer with stand-alone or multiple operations.



Fold 'n Go® 2512K

The Fold 'n Go 2512K mobile screening plant features a Kolberg® 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, this plant is ideal for material producers needing a universal screening plant.



Fold 'n Go® 2512KT

The Fold 'n Go 2512KT is a mobile track screening plant that features a Kolberg® double deck screen for processing sand & gravel, topsoil, slag, crushed stone and recycled materials. This plant offers a standard inlet hopper chute for in-line processing feed from a crushing plant, along with easy to reach engine controls and grease points for routine service. As with all mobile screening plants there are simple-to-use hydraulic leveling gears, hydraulic plant controls and screen angle adjustment.



Fold 'n Go® 2512KDT

The Fold 'n Go 2512KDT offers a double-deck track screening plant that incorporates a direct feed system. This allows greater plant maneuverability in tight areas with track crusher by providing multiple feed angles. This plant has the unique capability of adding an optional feed bin that will simply attach when necessary to loader feed material. The Fold 'n Go 2512KDT offers totally self-contained diesel power with three on-board stacking conveyors, easy access to maintenance areas and wireless remote control.



Fold 'n Go® 2408KT

The Fold 'n Go 2408KT is a mobile track screening equipped with a 32 square foot Kolberg® double deck screen for producers with less production needs. This unit is capable of a 3-way split and designed to work in tight worksites. The rugged low ground pressure tracks provide superior mobility and site agility. Easy to operate and highly reliable, this plant can handle a wide range of applications including sand & gravel, topsoil, slag, crushed stone and recycled materials.



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 double deck PEP Vari-Vibe® high frequency 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.



PDF 2618VMT

The PDF 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 can be configured with transfer conveyors, a re-circulating system or on-board stacking conveyors.



FT Series

The FT Series screening plants offer traditional screening plants that can be equipped with a Kolberg®, PEP Vari-Vibe® or PEP Duo-Vibe® screen configuration. 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.



KDS Series

Designed for construction and recycling contractors, the KDS Series of mobile screening plants are easy to operate and highly reliable in processing a wide range of materials. These robust machines offer heavy-duty plate steel and AR liners in the hopper area giving a much longer life while processing demanding loads. The KDS Series reduces hauling costs and minimizes material purchase requirements while performing in tight construction areas.



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.

