

# LAKE ERIE PORTABLE SCREENERS

SILVER LOT

Lake Erie Portable Screeners will introduce the new Pitbull 2300B portable screener at ConExpo in the company's exhibit located in the Silver Lot 2 at booth number S5193.

As the newest introduction from Lake Erie Portable Screeners, the Pitbull 2300B has been designed as a box screener offering a low cost, high production screener with a reduced tongue weight capable of being towed to the job site with a Class 3 truck. To accomplish this weight reduction, the newest Pitbull 2300B box screener comes without the conveyor system and 4-cylinder engines offered in its other models.

Lake Erie Portable Screeners' design, engineering, manufacturing and sales facility is located in Lake City, Pa. Lake Erie Portable Screeners being a sole company shares facilities with its sister company, York Seaway Inc., allowing them to share and draw upon their 35-plus year history of construction equipment-related manufacturing.

The company originated in 1975 to provide design, manufacturing and reconditioning of hydraulic pneumatic cylinders for the area's steel mills. Recognized for its engineering and manufacturing expertise, the company was awarded the contract to produce replacement parts for Bucyrus Erie as that company shut down its manufacturing operations. The company also has produced parts for GE, Terex, Northwest Engineering, P&H Equipment, Joy Global and Eriez Magnetics. Purchased in 1985 by Rick York, one of the original principals, the company was subsequently renamed York-Seaway.

With an interest in applying the company's experience manufacturing parts to producing its own product line, the company purchased an attachment line in 1995. Several years later, Rick York learned of a void in the U.S. marketplace for an American-made towable compact screening plant. Customer comments highlighted that before the introduction of Lake Erie Portable Screeners' Pitbull 2300, currently existing available models were often either too large or too small for their specific needs. Using customer input, the company's engineers designed Pitbull portable screeners from the ground up. The result is a screener designed for simplicity and serviceability using commonly available parts.

Powered by high torque low speed Geroler style hydraulic motors, the high-output conveyor-equipped Pitbull 2300 screeners are capable of producing up to 150 cu. yd. (up to 114.6 cu m) per hour, depending on the application and material conditions.

Lake Erie Portable Screeners' full line of machines include the Pitbull 2300 family of portable soil screeners, featuring heavy-duty components, dependable hydraulics, reliable engines and complete portability. Designed to stand up to punishing work conditions, the frame is constructed of high-quality structural tube steel, fully gusseted at stress points. It is 100 percent welded, reducing vibration and noise while decreasing susceptibility to cracks and structural failure, according to the manufacturer.



*Lake Erie Portable Screeners's Pitbull 2300B portable soil screener will be unveiled at the company's equipment exhibit located in the Silver Lot at booth number S5193.*

The Pitbull 2300 is powered by a 4-cylinder, 47 hp, Tier IV interim Yanmar diesel engine, and features simplicity with replacement components widely available at most supply houses.

The Pitbull 2300B is built to the same strict requirements of the Pitbull 2300. The 2300B is a box screener powered by a Honda 21 hp V-twin gas engine and features full interchangeability of the screen cloth between all models.

The Pitbull 2300E is built to the same strict requirements of the Pitbull 2300, but is driven by a three-phase 480 VAC electric motor and is designed for use in indoor applications.

The Pitbull 2300P features a Zenith Model ZPP 416 1/6 L 4-cylinder LPG gas engine rated at 48 hp and is offered for work in enclosed working environments such as mines, or instances where the carbon footprint must be kept at a minimum.

The entire Pitbull 2300 line of screeners features an upper and lower screening deck enabling production of up to three sizes of materials when used with optional screening chutes. With more than 41 sq. ft. (3.8 sq m) of screen surface area for each level, the quick change removable screens are designed for high output.

The Pitbull 2300's hydraulically adjustable stacking conveyor is capable of stockpile heights from 6 ft. 6 in. to 13 ft. (2.1 to 3.9 m), for greater efficiency in loading a wide range of material hauling vehicles.

Additional product offerings from Lake Erie Portable Screener include a manual radial stacker, a frame mounted ground conveyor and a stationary 8 by 14 ft. (2.4 by 4.2 m) grizzly box with a unique single bolt design for simplified change out of grizzly bars.

Later in 2017, the company plans to introduce the Pitbull 5700, 5 to 7 cu. yd. (3.8 to 5.3 cu m) loader portable screener with a 60 in. (152 cm) wide roller bed conveyor, dual air ride suspension and a two-conveyor set up for a low loading height.



IMAGINE WHAT'S NEXT.