

Upping screening efficiency - Metso's new Lokotrack ST2.8

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Metso will use ConExpo to introduce the new Lokotrack ST2.8 tracked two deck screener that makes use of the company's new Super Stroke Screen, which it says gives 20% higher stroke and 20% more screening area on the second deck. High stroke translates into power in material separation and a large screening area of 7.4 square metres (80 square feet) and dimensions of 4.8 x 1.5 m (16 x 5 ft) ensures that precision is achieved during fines separation. The screen itself can be angled from 10 to 17 degrees.

In operating configuration, it is 14.4 m (47.3 ft) long, 11.2 m (49.7 ft) wide and 3.5 m (11.6 ft) tall, The machine's conveyors and chutes can handle up to 400 tonnes per hour and equipped with an apron feeder, the ST2.8 weighs in at 33,000 kg (72,800 lb).

According to Metso, typical applications include topsoil separation, demolition, quarries and sand hills. The new screen performs at its best when the feed material is sticky, wet and difficult, and high capacity is required, Metso went on to say. The ST2.8 can also cope with metallic material with the addition of a magnetic separator and drums.

Power comes from a Caterpillar C4.4 diesel delivering 75 kW (100.6 hp) and the use of a new hydraulic system has resulted in a reduction in fuel consumption of 25%. The new Lokotrack can also be powered using an external electricity supply and using an intelligent control system.

On-site setup is easy with no requirement for the use of a crane or special tools. Push button control and Service DVD makes Lokotrack machines safe and easy to operate, an essential feature when the machines are used in the rental sector where high production and up-time are a requirement.

Source: KHL Group