

Lokotrack® ST3.5™ & ST3.5E

Aggregates screen with easy set-up

ST3.5™ is easy to set-up and transport with the single hydraulic leg, hydraulic screen lifting and compact size. It is ideal in mid-sized aggregates production where equipment needs to be quick to set-up, highly efficient and flexible for different feeds.

Areas of application:

- Recycled waste
- Railway ballast
- Road base
- Fine aggregates

Cost-efficient screening capacity

- Interchangeable screen meshes
- Various screening media

Roll-back prevention gates*

Safe by design
Handrails, platforms and lights

Tipping/Vibrating grid
for separating oversize
Tipping grid with rods*

Integrated feeder

- Gear drive
- Feed level gate

Hydraulic single-leg support

Fuel efficient
Engine CAT® C4.4 e-Power
with diesel-electric drive

Heavy duty air filter
protects engine from dust
and reduces service interval

Easy maintenance access
Hydraulic screen and main conveyor lift
with large area under screen

Metso IC automation
Easy and safe process control and
connectivity to other Lokotracks

Compact and quick to set-up

Interchangeable screen meshes
for multiple applications

Wide platforms for
improved safety

Diesel-electric drive
with e-Power

*Available as a tailored option

Technical details Lokotrack® ST3.5™ & ST3.5E

Screen	Feeder	Conveyor	Engine power options	Transport dimensions
<p>Size 3,580 x 1,520 mm (11' 9" x 5')</p> <p>Screening area 5.5 m² (6.6 yd²)</p> <p>Decks 2</p> <p>Nominal capacity* 400 Mtph (440 Stph)</p> <p>Stroke 8-9 mm</p> <p>Screening media Woven steel mesh,</p>	<p>Type Belt feeder with tipping/ vibrating grid or rock box</p> <p>Hopper volume 5.5 m³ (7.2 yd³)</p> <p>Loading height 3,290 mm (10' 9") 3,390 mm (11' 1") (with tipping grid)</p> <p>Loading width 4,260 mm (14')</p> <p>Max feed size 150 mm (6')</p>	<p>Lifting conveyor width 1,050 mm (42") length 10 m (32' 10")</p> <p>Side conveyor oversize width 650 mm (26") length 10 m (32' 10")</p> <p>Side conveyor midsize width 650 mm (26") length 10 m (32' 10")</p> <p>Product conveyor undersize width 1,200 mm (47")</p>	<p>Model CAT® C4.4</p> <p>Tier 3 75 kW (100 hp)</p> <p>Stage IIIA 98 kW CSE (131 hp)</p> <p>Tier4F 75 kW (100 hp)</p> <p>Fuel consumption 8-12 l/h</p> <p>e-Power electric drive 2 x 37.5 kW*</p> <p>Available as a standard option *powered by external electrical supply</p>	<p>Length 14,350 mm (47' 1")</p> <p>Width 3,000 mm (9' 10")</p> <p>Height 3,460 mm (11' 4")</p> <p>Weight 24,000 kg (52,900 lbs)</p>

*Capacity depends on application (required end products, feed material characteristics and size, moisture etc.).



Tipping/vibrating grid for separating oversize material.



Fully hydraulic single support leg for quick set-up.



Platforms and emergency wires for improved safety.



Roll-back prevention gates for safety.

"One of the important things to me taking this job was that they are using a Metso. To me, working with various systems in my career, the Lokotrack system is the only system to run and matches the demands of all our processing needs."

Todd Martin, Southern Land Company, Tennessee, USA.

Metso:Outotec