

Metso:Outotec

Lokotrack® ST mobile solutions

Made to keep your process going

Mobile screens
for scalping and
precise separation





Asphalt recycling



Concrete demolition



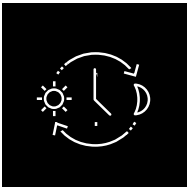
Aggregates production

Reliable separation day in, day out

Metso Lokotrack® ST™ mobile screens give you high screening capacity and excellent productivity with a range of feed materials. They are highly mobile and ideal for contractors and aggregate producers who need efficient separation and versatility to handle a variety of applications. Each product in the range can be customized for your specific needs and will deliver dependable results for years to come.

From the world's leading manufacturer

Metso Outotec is the world's leading manufacturer of track-mounted crushers and screens. Our unmatched technology and engineering know-how enable us to tailor each Lokotrack® ST™ mobile screen to meet your specific needs. And, because they are designed to be flexible, its quick and easy to adapt them to meet changing market needs. You can also configure them to operate in different types of standalone and multistage crushing applications.



Dependability



Optimized processes



Mobility



Flexible operations



Contents

Reliable separation day in, day out	2
From the world's leading manufacturer	2
Wide range of reliable mobile screens	4
Multi-use scalping screens	4
Aggregates screens	4
Optimizing multi-stage processes	6
Move with your production	6
Process automation as standard feature	6
e-Power for efficiency and savings	7
Lokotrack® ST — Selection guide	8
Mobile scalping screens	
Lokotrack® ST2.3™	10
Lokotrack® ST2.4™	12
Lokotrack® ST2.8™	14
Mobile aggregate screens	
Lokotrack® ST3.5™	16
Lokotrack® ST3.8™	18
Lokotrack® ST4.8™	20
Lokotrack® ST4.10™	22
Examples of Lokotrack® ST applications	24
Expert support, parts and services	26
Case stories	27

Wide range of reliable mobile screens

The Lokotrack® ST™ range is ideal for medium and large size contractors and it includes both multi-use scalping screens and aggregates screens. Every product features the same robust, reliable performance, and safe and simple operation. In addition, they are easy to maintain using convenient service access points.

Multi-use scalping screens

Multi-use Lokotrack ST screens are engineered to screen and scalp blasted rock, sand and gravel, recycled concrete and top soil. This makes them ideal for the production of construction and landscaping materials.


- Lokotrack ST2.3
- Lokotrack ST2.4
- Lokotrack ST2.8



Aggregates screens



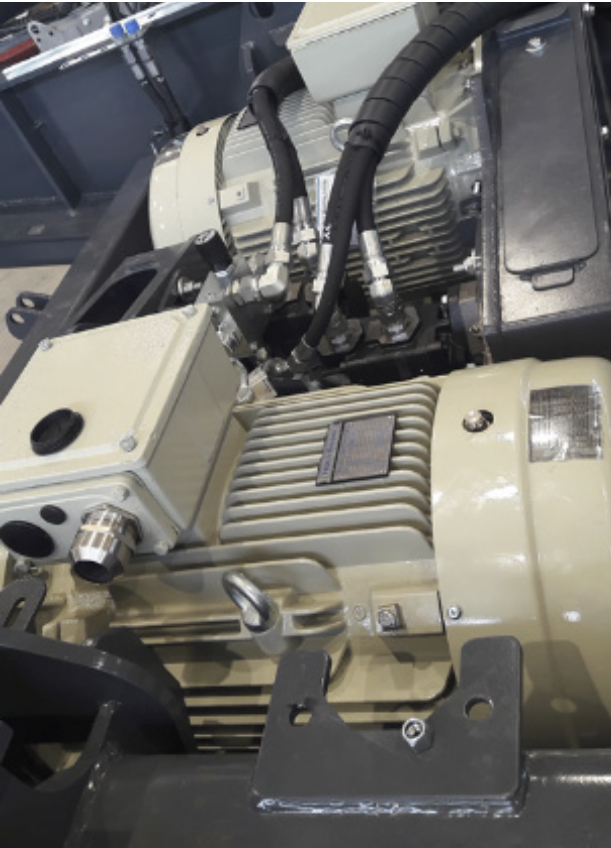
Lokotrack ST aggregate screens are designed to screen crushed rock, as well as sand and gravel. This makes them an excellent choice to produce aggregates for concrete and asphalt, road base, building foundations and railway ballast.

- Lokotrack ST3.5
- Lokotrack ST3.8
- Lokotrack ST4.8
- Lokotrack ST4.10



e-Power for efficiency and savings

Most Lokotrack ST screens are available as e-Power versions. This enables the units to be operated using either the diesel engine or with the built-in electrical motors. The electric motors can be powered by an external electric network or, with customization, by a hybrid Lokotrack crusher equipped with an onboard diesel generator. Running your processes with external electricity or with a single diesel engine can result in significant savings for your operations.



The following models are available as e-Power version:

ST2.4E	ST3.5E	ST4.8E
ST2.8E	ST3.8E	ST4.10E

Combine Lokotricks and optimize multi-stage processes

Lokotrack® ST products can be easily combined with other Lokotrack units, both mechanically and via their automation, for more efficient operation. Because they are easy to connect and combine, Lokotrack ST products are particularly well-suited to multi-stage processes.

Move with your production

Their on-site mobility, effortless interoperability and quick set-up make it easy for you to transport entire multi-stage chains to new work sites, or to move them to new locations on your current one. However and wherever you need to configure your multi-stage process, Lokotrack ST makes it simple.

Process automation as standard feature


To make crushing and screening process as efficient and smooth as possible, Lokotricks can be monitored via Metso IC™ automation and controlled remotely with wireless Metso ICr™ from excavator cabin. Metso Metrics cloud-based remote monitoring and visualization service enables you to gain critical data and insight into the operational performance and maintenance needs of your fleet. Metso Metrics is a part of our Life Cycle Services with wide range of service packages to help to run your process smoothly.



Lokotrack® ST — Selection guide

Questions to help you select the right Metso equipment:

- What material are you processing?
 - What is your capacity need?
 - Do you need to produce a variety of different end products?
- How close is the site to the nearest residential area?
 - How strict are the environmental requirements in the area?

	Primary scalping	Topsoil	Recycled waste	Railway ballast	Road base	Sand & gravel	Fine aggregates (concrete & asphalt)	Typically combined with		
								LT jaw crusher	LT impactor crusher	Secondary LT crusher
ST2.3	●●●	●●●	●●	●●	●●	●●	●	LT96	LT1110	LT200HP
ST2.4	●●●	●●●	●●●	●●	●●	●●	●	LT106	LT1213(S)	LT200HP
ST2.8	●●●	●●●	●●●	●●	●●	●●	●	LT116 LT120/E	LT1213(S)	LT300HP LT330D
ST3.5		●	●	●●●	●●●	●●●	●●●	LT96	LT1110	LT200HP
ST3.8		●	●	●●●	●●●	●●●	●●●	LT106 LT116	LT1213(S)	LT300HP
ST4.8		●	●	●●●	●●●	●●●	●●●	LT106 LT116	LT1213(S)	LT300HP
ST4.10		●	●	●●●	●●●	●●●	●●●	LT120/E	LT1213(S)	LT300HP LT330D



	Type	Decks	Screen area top deck	Screen size	Screen working angle	Transport weight	Screen speed	Stroke	Engine power	e-Power
ST2.3	Multi-Use	2	4.6 m ² 49 ft ²	3,040 x 1,520 mm 10 x 5'	13-23°	17 t 37,500 lbs	840 rpm	up to 13 mm	55 kW 74 hp	n/a
ST2.4/E	Multi-Use	2	5.5 m ² 59 ft ²	3,640 x 1,520 mm 12 x 5'	11-18.5°	23 t 50,700 lbs	900 rpm	up to 13 mm	75 kW 100 hp	Yes
ST2.8/E	Multi-Use	2	7.4 m ² 79 ft ²	4,860 x 1,520 mm 16 x 5'	10-17°	26 t 57,300 lbs	760 rpm	up to 15 mm	106 kW 144 hp	Yes
ST3.5/E	Aggregates	2	5.3 m ² 57 ft ²	3,580 x 1,520 mm 12 x 5'	22-33°	24 t 52,900 lbs	1,050 rpm	8-9 mm	75 kW 100 hp	Yes
ST3.8/E	Aggregates	2	7.9 m ² 85 ft ²	5,480 x 1,520 mm 18 x 5'	18-30°	30 t 66,100 lbs	1,050 rpm	7-8 mm	106 kW 144 hp	Yes
ST4.8/E	Aggregates	3	7.9 m ² 85 ft ²	5,480 x 1,520 mm 18 x 5'	18-30°	32 t 70,500 lbs	1,050 rpm	7-8 mm	106 kW 144 hp	Yes
ST4.10/E	Aggregates	3	9.3 m ² 100 ft ²	6,060 x 1,520 mm 20 x 5'	18-27°	33 t 72,700lbs	950 rpm	8-9 mm	106 kW 144 hp	Yes

Lokotrack® ST2.3™

Widest screen in its size class

ST2.3™ is our most compact mobile screen for primary scalping. With its aggressive stroke, wide screen and adjustable screen angle it is ideal for general contractors with various feed materials such as topsoil and recycled concrete waste.

Large hopper

Side wall extensions to feed with wheel loader or excavator

High screening performance

- Widest screen in the class
- Aggressive stroke for efficient separation
- Supports various screening media combinations

High fuel efficiency

CAT® C3.6 engine

Easy transport

Compact size and optimized weight
Hydraulic functions

Adjustable conveyor angle

Adjustable screen angle

Easy maintenance access

With hydraulic screen lift and large area under screen

Metso IC automation

Easy and safe process control and connectivity to other Lokotracks

Areas of application:

- Primary scalping
- Topsoil
- Recycled waste
- Road base
- Fine aggregates






Compact size for transport ' in a standard trailer

Low fuel consumption

Easy-to-use for general contractors

Flexible with adjustable screen and conveyor angles

Technical details Lokotrack® ST2.3™

Screen	Feeder	Conveyor	Engine power options	Transport dimensions
				
<p>Size 3,040 x 1,520 mm (10' x 5')</p> <p>Screening area 4.6 m² (5.5 yd²)</p> <p>Decks 2</p> <p>Nominal capacity* 350 Mtph (385 Stph)</p> <p>Stroke Up to 13 mm</p> <p>Screening media Plate grizzly, Finger grizzly, Punch plate</p>	<p>Type Belt feeder</p> <p>Hopper volume 4.5 m³ (5.9 yd³) standard 5.5 m³ (7.1 yd³) extension</p> <p>Loading height 2,500 - 3,000 mm (8' 2" - 9' 10")</p> <p>Loading width 2,300 mm (7' 6")</p> <p>Max feed size 400 mm (16")</p>	<p>Conveyor oversize width 1,200 mm (47")</p> <p>Side conveyor midsize width 650 mm (26")</p> <p>Adjustable discharge height</p> <p>Side conveyor undersize width 650 mm (26")</p> <p>Adjustable discharge height</p>	<p>Model CAT® C3.6</p> <p>Tier 3 / Stage V 55 kW (74 hp)</p> <p>Fuel consumption 5-8 l/h</p>	<p>Length 11,950 mm (39' 4")</p> <p>Width 2,880 mm (9' 5")</p> <p>Height 2,550 mm (8' 5")</p> <p>Weight 17,000 kg (37,500 lbs) available for ship container transportation</p>

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



Widest screen in its class.



Compact size for easy to transport.



Multi-use for primary scalping and screening.



Automate process control and one button on/off.



Lokotrack® ST2.4™ & ST2.4E

Efficient primary scalping in compact size

Despite its small size ST2.4 is durable and efficient screen for any primary scalping, topsoil and recycled waste screening project. It is easy to operate and maintain with hydraulic functions, and it can be connected with other Lokotracks to monitor the entire crushing process.

Durable apron feeder
with wear plates on hopper

Large hopper
with side walls to be fed with wheel loader or excavator

Wide selection of screening media

Efficient separation of metal particles*

- Magnetic drums
- Magnetic separator

High fuel efficiency
Engine CAT® C4.4

Heavy duty air filter
Protects engine from dust

Easy to transport and set up
Optimized weight, dimensions and hydraulic functions

Easy maintenance access
Hydraulic screen lift and large area under screen

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

Areas of application:

- Primary scalping
- Topsoil
- Recycled waste
- Road base
- Fine aggregates

***Available as a tailored option**






Fast set-up time with hydraulic feeder raising

Durable and easy to operate

Excellent access for screening media changes

Diesel-electric drive with e-Power

Technical details Lokotrack® ST2.4™& ST2.4E

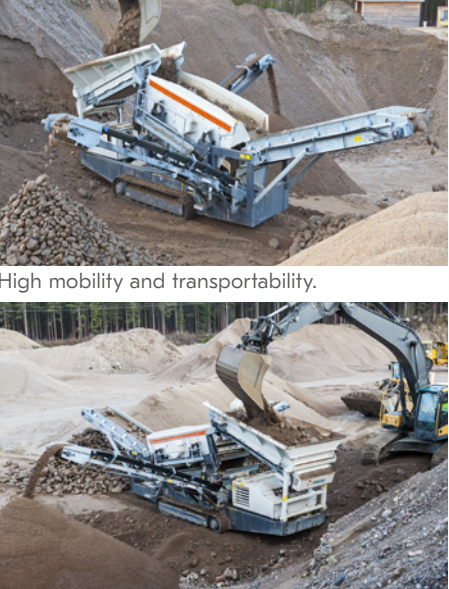
Screen	Feeder	Conveyor	Engine power options	Transport dimensions
				
<p>Size 3,640 x 1,520 mm (12' x 5')</p> <p>Screening area 5.6 m² (6.7 yd²)</p> <p>Decks 2</p> <p>Nominal capacity* 400 Mtph (440 Stph)</p> <p>Stroke Up to 13 mm</p> <p>Screening media Plate grizzly, Finger grizzly, Punch plate</p>	<p>Type Belt or Apron feeder</p> <p>Hopper volume 4.5 m³ (5.9 yd³) standard 11 m³ (14.3 yd³) extensions</p> <p>Loading height 3,054 / 3,450 mm (10' / 11' 3")</p> <p>Loading width 3,000 mm (9' 10")</p> <p>Max feed size 500 mm (20")</p>	<p>Conveyor oversize width 1,200 mm (47")</p> <p>Side conveyor midsize width 650 mm (26")</p> <p>Side conveyor undersize width 650 mm (26")</p> <p>Under screen conveyor 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 7-10 l/h</p> <p>e-Power electric drive 2 x 37.5 kW*</p> <p><small>Available as a standard option *powered by external electrical supply</small></p>	<p>Length 14,200 mm (46' 7")</p> <p>Width 2,990 mm (9' 10")</p> <p>Height 3,200 mm (10' 6")</p> <p>Weight 23,000 kg (50,700 lbs)</p>

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

Proven Metso screening media.



High mobility and transportability.



Wide maintenance platforms for improved safety.



Easy accessible maintenance.



"Despite the small size, ST2.4 proved to be a surprisingly efficient machine. It managed to continuously screen all that was fed through the LT1110 pre-crushing. As a result, clean concrete sand was cut off before secondary and fine crushing."

Lauri Lintunen LL Company, Finland.

Lokotrack® ST2.8™ & ST2.8E

Biggest eccentric throw on the market

ST2.8™ offers high capacity with most aggressive stroke on the market that makes it very efficient in scalping sticky material like topsoil, river gravel or slag.

Feeder start/stop
To be connected with Lokotrack LT crusher

Large hopper with side walls
To be fed with wheel loader or excavator

Separation of metal particles

- Magnetic drums
- Magnetic separator

Wide selection of screening media

Two-way split option
Combines materials from decks to improve capacity

High fuel efficiency engine
CAT® C4.4 Diesel-Electric drive with e-Power

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

Easy to transport
Optimized weight and dimensions

Easy maintenance access
Hydraulic screen lift and large area under screen






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

*Available as a tailored option

Areas of application:

- Primary scalping
- Topsoil
- Recycled waste
- Road base
- Fine aggregates

Technical details Lokotrack® ST2.8™ & ST2.8E

Screen	Feeder	Conveyor	Engine power options	Transport dimensions
				
Size 4,860 x 1,520 mm (16' x 5')	Type Belt or Apron feeder	Conveyor oversize width 1,200 mm (47")	Model CAT® C4.4	Length 15,400 mm (50' 7")
Screening area 7.4 m ² (8.9 yd ²)	Hopper volume 4.5 m ³ (5.9 yd ³) standard 11 m ³ (14.3 yd ³) extensions	Side conveyor midsize width 800 mm (31,5") Adjustable discharge height	Tier 3: 106kW (142 hp)	Width 3,000 mm (9' 10")
Decks 2	Loading height 3,300 / 3,680 mm (10' 10" / 11' 1")	Side conveyor undersize width 800 mm (31,5") Adjustable discharge height	Stage IIIA: 98kW CSE (131 hp)	Height 3,560 mm (11' 8")
Nominal capacity* 600 Mtph (660 Stph)	Loading width 3,000 mm (9' 10")	Under screen conveyor width 1,200 mm (47")	Tier4F: 106 kW (142 hp)	Weight 26,000 kg (57,300 lbs)
Stroke Up to 15 mm	Max feed size 600 mm (24")		Fuel consumption 8-12 l/h	
Screening media Woven steel mesh, Plate grizzly, Finger grizzly, Punch plate			e-Power electric drive 2 x 45 kW*	
			Available as a standard option *powered by external electrical supply	

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



Aggressive stroke for sticky material.



World class expertise for tailored options.



Easy to combine with other Lokotracks.



"My experience with Metso equipment is that it's pretty much hands-on, it's easy to use. The whole process of operating the equipment is much easier than other brands that I've used."
Jason Cash, Cranford, Georgia, USA.

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.

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

Tigging 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

Areas of application:

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






Compact and quick to set-up

Interchangeable screen meshes for multiple applications

Wide platforms for improved safety

Diesel-electric drive with e-Power

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.

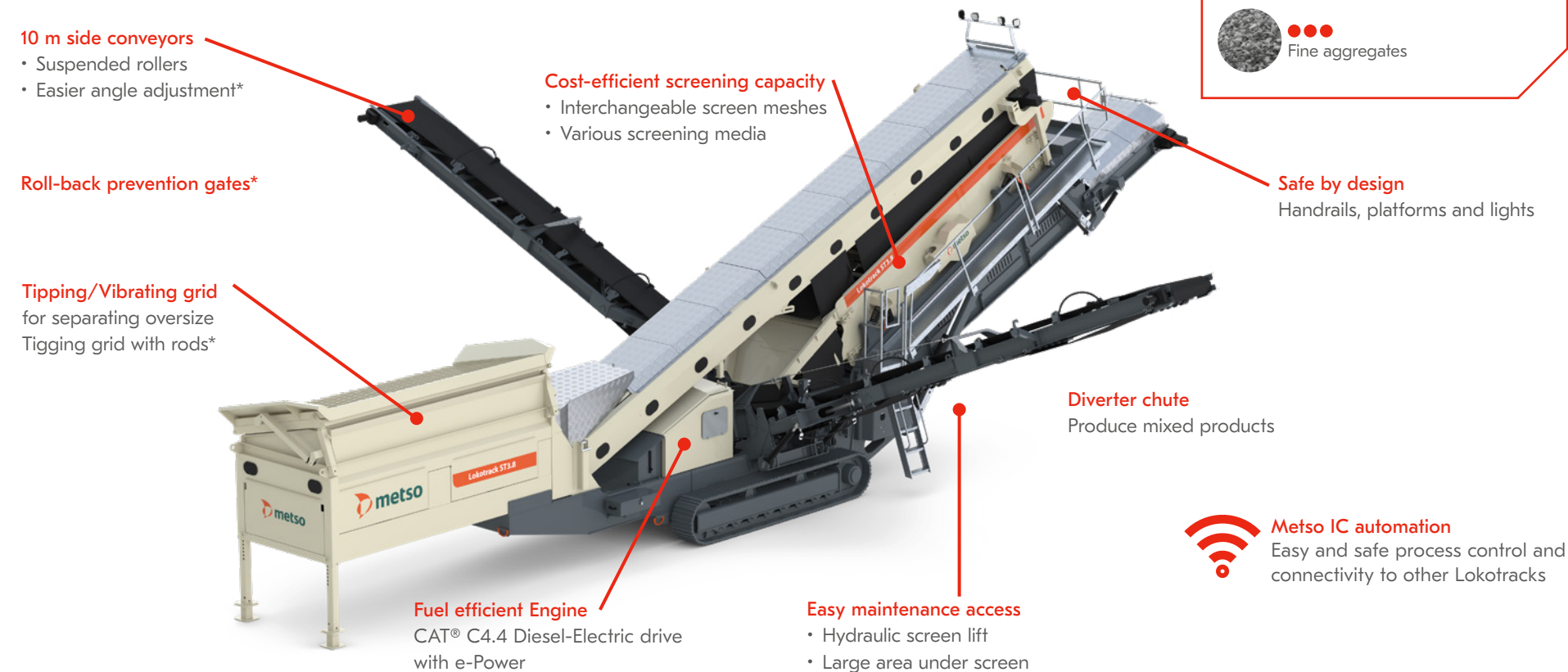
"One of the important things to me taking this job was that they are using a Metso. To me, working with various systems in my career, the Lokotrack system is the only system to run and matches the demands of all our processing needs."

Todd Martin, Southern Land Company, Tennessee, USA.

Lokotrack® ST3.8™ & ST3.8E

Precise screening with high capacity

ST3.8™ is a versatile mobile screen for high capacity aggregates production in quarries or construction sites. It is safe and easy to use and fine-tune to match your operational requirements. The machine is transported as one unit, thanks to hydraulic folding of its conveyors.



Areas of application:



Recycled waste



Railway ballast



Road base



Fine aggregates

- Safe by design

Diverter chute
Produce mixed products



► **Metso IC automation**
Easy and safe process control and connectivity to other Lokotrac

*Available as a tailored option



Easy fine-tuning to match your operational requirements



Quick adaptation with interchangeable screen meshes





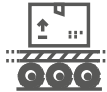


Compact size for transport ' in a standard trailer



Diesel-electric drive with e-Power

Technical details Lokotrack® ST3.8™ & ST3.8E

Screen	Feeder	Conveyor	Engine power options	Transport dimensions
				
Size 5,480 x 1,520 mm (18' x 5')	Type Belt feeder with tipping/ vibrating grid or rock box	Lifting conveyor width 1,050 mm (42")	Model CAT® C4.4	Length 18,000 mm (59' 1")
Screening area 8.4 m² (10 yd²)	Hopper volume 7.5 m³ (9.6 yd³)	Side conveyor top deck* width 800 mm (31,5") length 10 m (32' 10")	Tier 3 106 kW (144 hp)	Width 3,000 mm (9' 10")
Decks 2	Loading height 2,315 mm (7' 7") 3,390 mm (11' 1") (with tipping grid)	Side conveyor bottom deck* width 800 mm (31,5") length 10 m (32' 10")	Stage IIIA 98 kW CSE (131 hp)	Height 3,330 mm (10' 11")
Nominal capacity* 500 Mtph (550 Stph)	Loading width 4,650 mm (15' 4")	Product conveyor undersize width 1,200 mm (47")	Tier4F 106 kW (144 hp)	Weight 30,000 kg (66,100 lbs)
Stroke 7-8 mm	Max feed size 150 mm (6")	*Adjustable discharge height	Fuel consumption 8-12 l/h	
Screening media Woven steel mesh			e-Power electric drive 2 x 37.5 kW*	
			Available as a standard option *powered by external electrical supply	

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



Multiple options for feeding



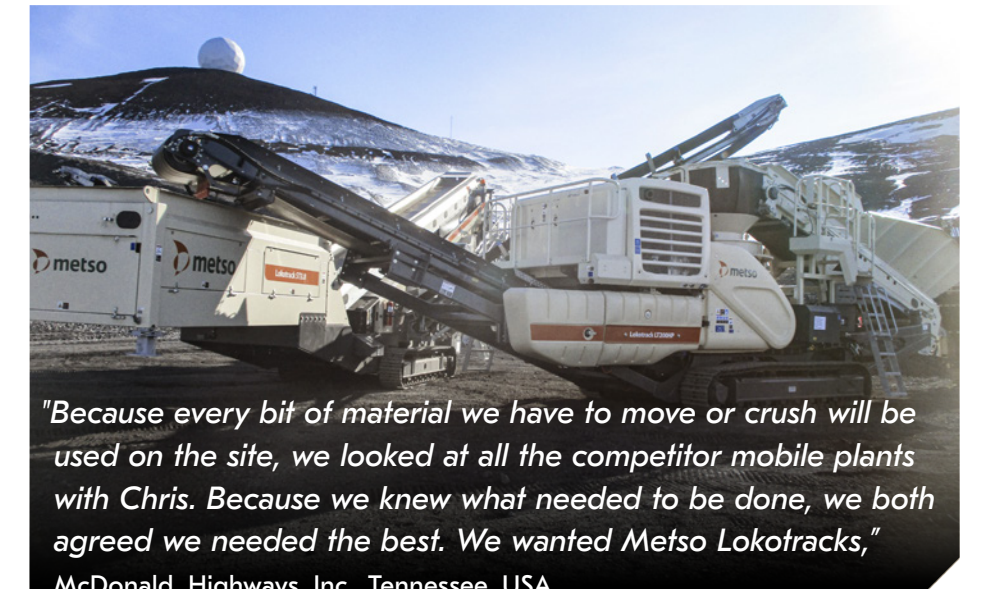
Interchangeable screen meshes.



Easy access to the service locations.



Safety by design.



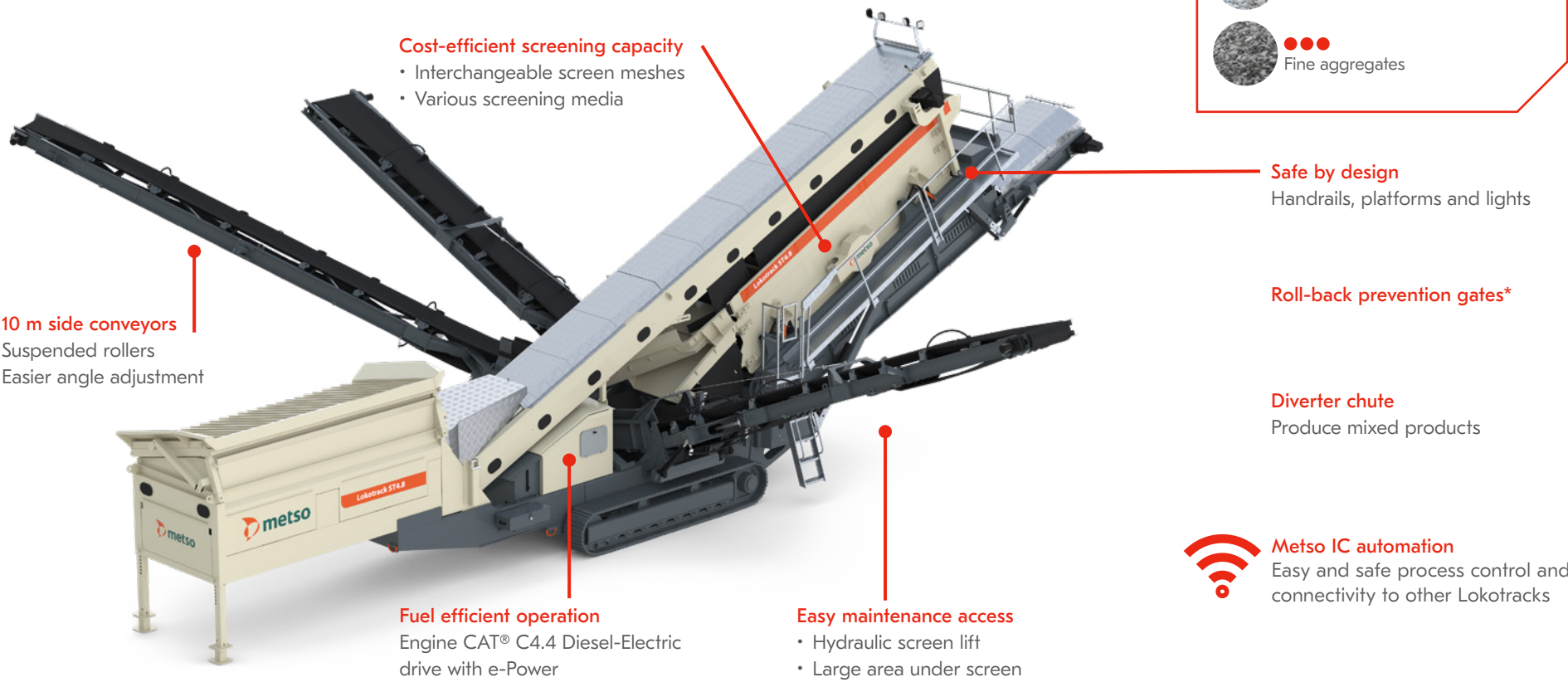
"Because every bit of material we have to move or crush will be used on the site, we looked at all the competitor mobile plants with Chris. Because we knew what needed to be done, we both agreed we needed the best. We wanted Metso Lokotrac's,"

McDonald, Highways, Inc., Tennessee, USA

Lokotrack® ST4.8™& ST4.8E

An easy to transport triple deck screen

ST4.8™ provides precise, high capacity screening. The screen meshes are easily interchangeable, the conveyors are hydraulically foldable for easy transport, and the e-Power feature makes it efficient in both standalone and multi-stage applications.



Easy fine-tuning to match your operational requirements

Quick adaptation with interchangeable screen meshes

Transport as a single unit

Diesel-electric drive with e-Power

Technical details Lokotrack® ST4.8™& ST4.8E

Screen	Feeder	Conveyor	Engine power options	Transport dimensions
Size 5,480 x 1,520 mm (18' x 5')	Type Belt feeder with tipping/vibrating grid or rock box	Lifting conveyor width 1,050 mm (42")	Model CAT® C4.4	Length 18,000 mm (59' 1")
Screening area 8.4 m ² (10 yd ²)	Hopper volume 7.5 m ³ (9.6 yd ³)	Side conveyor top deck* width 650 mm (26") length 10 m (32' 10")	Tier 3: 106 kW (144 hp)	Width 3,040 mm (9' 11")
Decks 3	Loading height 2,315 mm (7' 7") 3,390 mm (11' 1") (with tipping grid)	Side conveyor midsize* width 800 mm (31,5") length 10 m (32' 10")	Stage IIIA: 98 kW CSE (131 hp)	Height 3,560 mm (11' 8")
Nominal capacity* 500 Mtph (550Stph)	Loading width 4,650 mm (15' 4")	Side conveyor bottom deck* width 800 mm (31,5") length 10 m (32' 10")	Tier4F: 106 kW (144 hp)	Weight 32,000 kg (70,500 lbs)
Stroke 7-8 mm	Max feed size 150 mm (6")	Product conveyor undersize width 1,200 mm (47")	Fuel consumption 8-12 l/h	
Screening media Woven steel mesh		*Adjustable discharge height	e-Power electric drive 2 x 45 kW*	
			Available as a standard option *powered by external electrical supply	

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



Washing equipment as a standard option.



High capacity with 4 end products.



Fine-tune to match your operation.



Adjustable conveyors for high stockpiles.

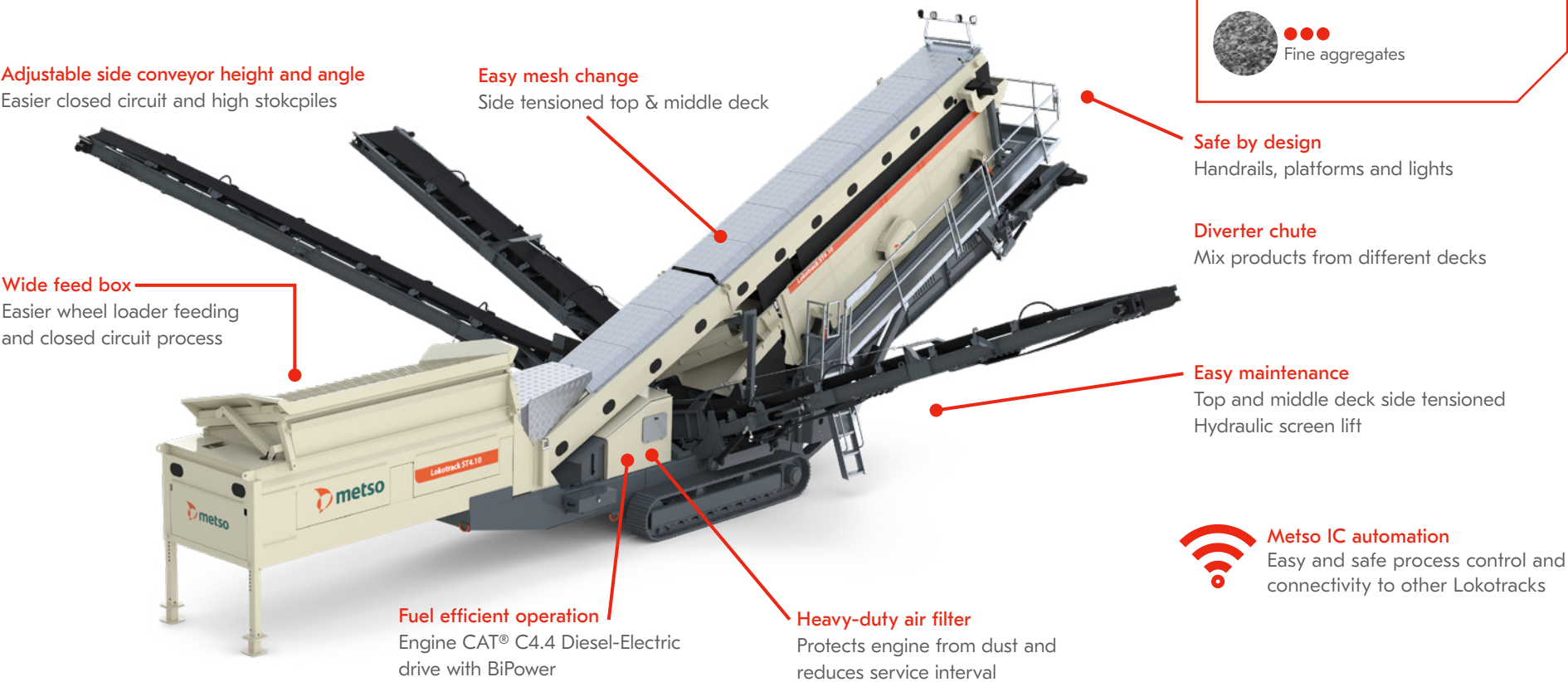
"In the screening of 0-8 mm concrete gravel ST4.8 offers 30-40% more power compared to the previous screen model and the 25-30 liter hourly consumption of the old screen has dropped to 13 liters."

Marko Leinonen, Kattasora Oy, Finland

Lokotrack® ST4.10™ & ST4.10E

High capacity mobile screen for closed circuit crushing

ST4.10™ is ideal for large-scale aggregate production where closed circuit process is used for producing aggregates for concrete and asphalt sands, road base and building foundations.



Areas of application:

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






Extended feed hopper for easy closed-circuit production

Transport as a single unit

Easy mesh changes by a single person

Diesel-electric drive with e-Power

Technical details Lokotrack® ST4.10™& ST4.10E

Screen	Feeder	Conveyor	Engine power options	Transport dimensions
				
<p>Size 6,060 x 1,520 mm (20' x 5")</p> <p>Screening area 9,3 m² (10.8 yd²)</p> <p>Decks 3</p> <p>Nominal capacity* 600 Mtph (660 Stph)</p> <p>Stroke 8-9 mm</p> <p>Screening media Woven steel mesh Trellex rubber mesh</p>	<p>Type Belt feeder with tipping/vibrating grid or rock box</p> <p>Feed hopper volume 8 m³ (10 yd³)</p> <p>Loading height 3,390 mm (11' 1") (with tipping grid)</p> <p>Loading width 4,650 mm (15', 3")</p> <p>Max feed size 150 mm (6")</p>	<p>Lifting conveyor width 1,050 mm (42")</p> <p>Side conveyor top deck* width 650 mm (26") length 10 m (32' 10")</p> <p>Side conveyor midsize* width 800 mm (31,5") length 10 m (32' 10")</p> <p>Side conveyor bottom deck* width 800 mm (31,5") length 10 m (32' 10")</p> <p>Product conveyor undersize width 1,200 mm (47")</p> <p><small>*Adjustable discharge height</small></p>	<p>Model CAT® C4.4</p> <p>Tier 3: 106 kW (142 hp)</p> <p>Stage IIIA: 98 kW CSE (131 hp)</p> <p>Tier4F: 106 kW (142 hp)</p> <p>Fuel consumption 8-12 l/h</p> <p>e-Power electric drive 2 x 45 kW*</p> <p><small>Available as a standard option *powered by external electrical supply</small></p>	<p>Length 19,650 mm (64' 2")</p> <p>Width 3,040 mm (10')</p> <p>Height 3,560 mm (11' 1")</p> <p>Weight 33,000 kg (72,700 lbs)*</p>

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



Transport as a single unit.



Adjustable conveyor heights for flexible operations.



e-Power for efficient hybrid diesel-electric operation.



Large feed box allows closed circuit process.

"When such volumes are being produced by a single crushing plant, the machinery needs to be reliable. Metso Outotec is known as a dependable Finnish company that also provides well-functioning maintenance services."

Jari Pärhä, Pärhä Oy

Examples of Lokotrack® ST applications



Topsoil and landscaping screening with Lokotrack® ST2.8™.



Screening sand and gravel with Lokotrack® ST2.8™.



Sand and gravel screening with Lokotrack ST2.8™.



Screening recycled concrete with Lokotrack® ST2.3™.

"I don't care if you make the best equipment in the world, it's worthless unless you can support it, fix it, help the customer fix it, and operate it efficiently."

Duff Boyd, Riverbend Construction Services, North Carolina, USA

Metso Outotec expert support, parts and services

Rely on genuine Metso OEM wear and spare parts to minimize maintenance issues and ensure long-lasting productivity. Our global network of Metso Outotec distributors and logistics warehouses ensure that Metso OEM spare and wear parts are available when you need them. With both standard and engineered-to-order parts, Metso can ensure that you have the support your mobile screens need.

- Global Metso support and service
- Genuine Metso parts
- Improved equipment reliability
- Global availability
- A wide selection of screening media



Case Story



NCC Bornholm modernizes their operations with a Lokotrack ST2.8

"ST2.8 has been designed to meet the requirements of demanding primary crushing, and it's ideal for processing crushed rock material," says, Jørgen V. Nielsen, Project Manager, Dansk Grusgrav Materiel ApS.

Read the full story at: metso.com/showroom

Case Story

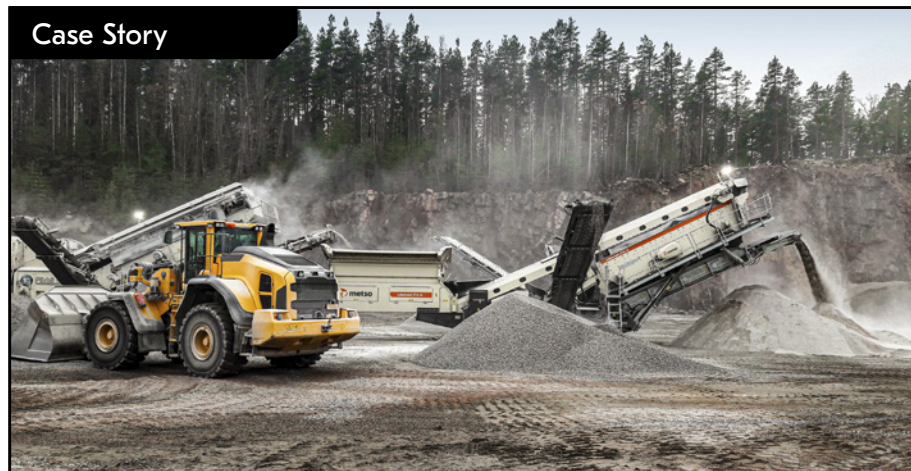


C & H Paving reduced costs with a multi-stage Lokotrack solution

"Every piece we bought was mobile. Everything talks to one another, and it just makes more production. And at the end of the day, it saves labor and time for everybody," says Benji Cranford, owner of C & H Paving.

Read the full story at: metso.com/showroom

Case Story



Pärhä Oy upgrade their crushing operations

"A high level of quality and an even production wouldn't be possible without our experienced and professional personnel. I'd like to thank our entire team," says Jari Pärhä, Director of Crushing Operations.

Read the full story at: metso.com/showroom

Metso Outotec is a frontrunner in sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing, metals refining and recycling industries globally. By improving our customers' energy and water efficiency, increasing their productivity, and reducing environmental risks with our product and process expertise, we are the partner for positive change.

Headquartered in Helsinki, Finland, Metso Outotec employs over 15,000 people in more than 50 countries and its pro forma sales for 2019 were about EUR 4.1 billion. The company is listed on the Nasdaq Helsinki.

Partner for positive change

Metso:Outotec
Metso Outotec, Töölönlahdenkatu 2, FI-00100, Helsinki, Finland.
tel. +358 20 484 100, fax +358 20 484 101
mogroup.com