

Metso

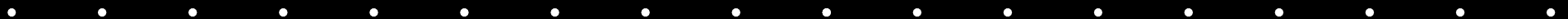
Lokotrack® ST2.8

References



June 12, 2023

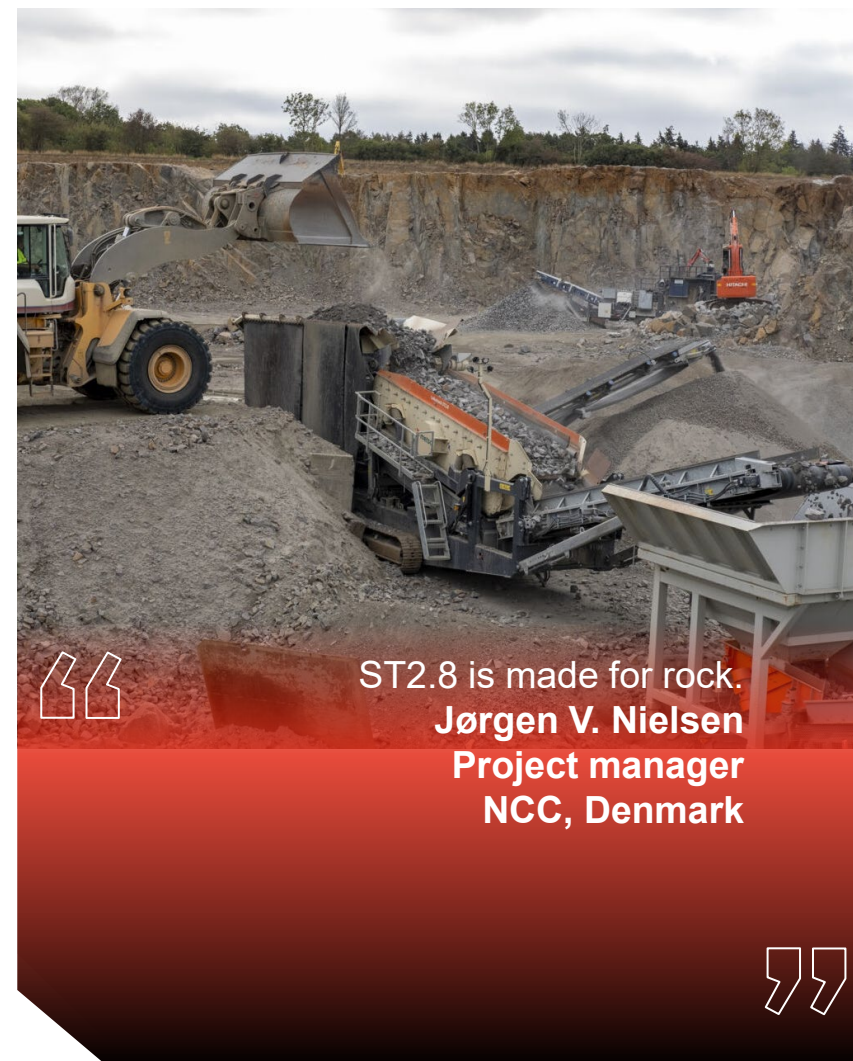
RESTRICTED



Screening 2,000 - 2,500 tons of hard granite a day

NCC – Distributor: Dansk Grusgrav Materiel ApS

- **Challenge:** Screening crushed granite in demanding primary screening for secondary crushing stage.
- **Solution:** Lokotrack ST2.8 mobile scalping screen
- **Results:**
 - Steel-framed apron feeder is extremely resistant to hard impacts by the feed material.
 - Continuous production without unexpected downtime.
 - Good fuel economy, only 10,5 l/h despite the heavy feed material.
 - Rubber screening meshes for lower screening noise and durability – 150 000 metric tons screened little over a year.



Free excess electricity for screening

Tverås Maskin & Transport AS

- **Challenge:** upgrading the fleet with diesel-electric machines to be able to bid for contracts and saving operational costs
- **Solution:** Lokotrack LT120E and ST2.8E
- **Results:**
 - Fuel savings in LT120E: diesel motor runs at a steady and rather low rpm when plugged into a generator instead of directly.
 - Fuel savings in ST2.8E: run by LT120E surplus electricity saving at least 10 l/h normally be used for diesel-driven screening.
 - The screen requires about 50% less servicing, with minimum diesel motor related service is needed.



“ In fact, without our electric drive option and demand for environment-friendly operations, we would automatically be out of several contract negotiations.

Vidar Bjergås
Operations Manager
Tverås Maskin & Transport AS ”

Producing high-quality concrete gravel

Pärhä Oy

- **Challenge:** Crushing and screening 600 000 tons/year of high-quality concrete gravel by a single crushing plant.
- **Solution:** Lokotrack LT120, tailor-made diesel-hydraulic LT330GPSE and ST4.10 mobile screen
- **Results:**
 - Reliable machines as they are the only machines in the business.
 - ST4.10 is powered by surplus electricity from LT330GPSE, significant savings in fuel consumption and servicing the diesel engine.
 - Good maintenance services from Metso.



Reducing costs by suppling own aggregates

C & H Paving Inc. - Distributor: Yancey Bros. Co.,

- **Challenge:** Reducing cost and produce aggregates faster for own paving business.
- **Solution:** Lokotrack train with LT106, ST2.8, LT200HP, ST4.8 and IC automation system
- **Results:**
 - Easily movable equipment able to start a crushing and screening operation quickly and reliably
 - IC™ Series automation technology for ease and precision: single-button startup, interlocks the machines so that the material flow remains stable.
 - Great support for expertise and parts



The whole process of operating the equipment is much easier than other brands that I've used.

Jason Cash
Crushing Crew Foreman
C & H Paving

