



Spillvatten Tunnel, Lerum - Partille

NEWS
-39 - 2008

Beton und Monierbau GmbH is building the sewage tunnel for the Göteborg waste water. Conventional heading of the 7974 m long Tunnel.

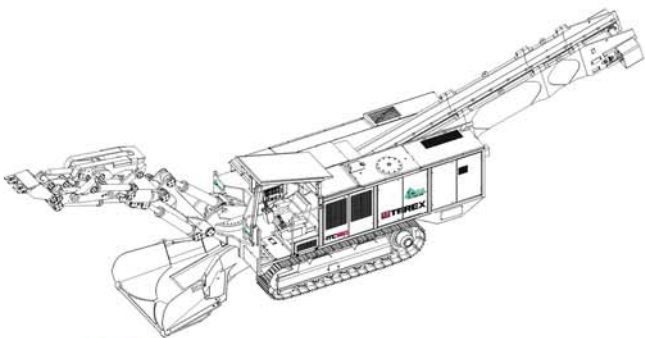
Drill&Blast heading on 900 mm rail gauge

Tunnel heading and loading machine Terex **ITC 120 F6**

Quick mucking in narrow cross-section



The Tunnel loading machine ITC 120 F6 in composition with the backup



Lerum - Partille tunnel portal



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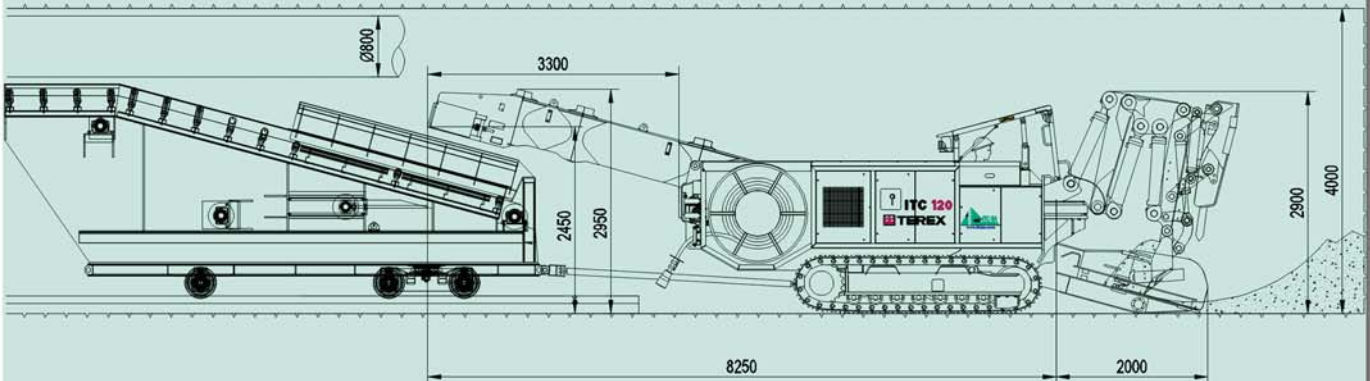
Transfer on the backup



Rigid link between loading machine and backup, both on 900 mm rail gauge

Tunnel Heading and Loading Machine Terex

ITC 120 F6



MAIN DATA

| | | |
|----------------------------------|---------------------|-----------|
| Base Machine: type ITC | 120 | F6 |
| Maximum chassis width: | mm | 1900 |
| Apron throat width | mm | 620 |
| Electric drive power (400V-50Hz) | kW | 55 |
| Diesel Engine | Deutz Typ | BF4M 1012 |
| Power output | kW | 65 |
| Driving speed: | km/h | 0-3,6 |
| Conveyor chain speed: | m/s | 0.5 |
| Loading capacity | m ³ /min | 1-2 |
| Specific ground pressure: | kp/cm ² | 1.0 |
| Traction power: | kN | 190 |
| Weight | t | 22 |

Continuous loading of the blasted material

