



B31 Ost - Schützenallee

The federal road in the east part of Freiburg goes underground

Tunnel heading and loading machine

Schaeff - Terex **ITC 420**

INFO



The Tunnel heading and loading machine Schaeff model ITC 420 powerful demolition in a cut and cover tunnel



Accurate working, the roof must not be damaged



Loading onto 25 ton articulated dump trucks



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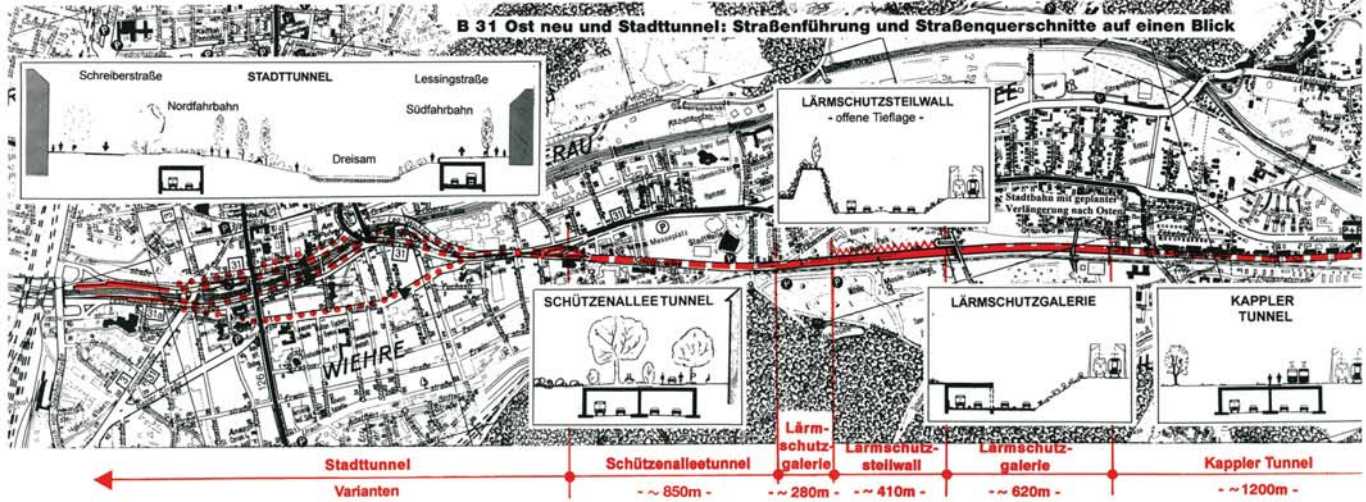




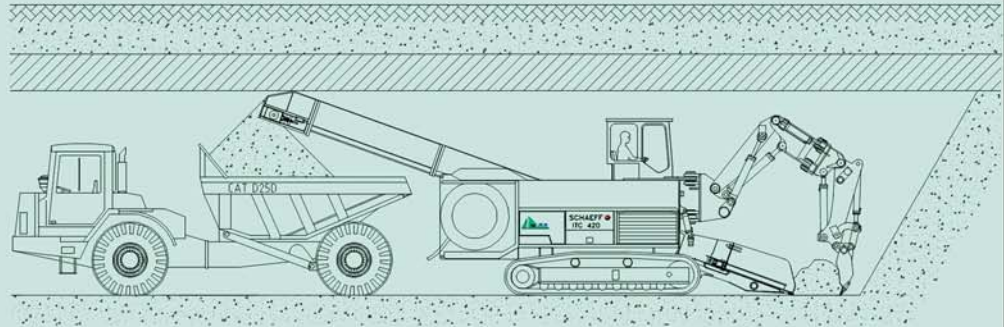
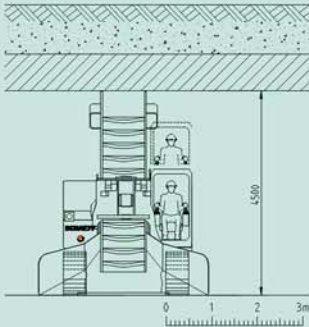
High loading capacity up to 5 m³/min



Invert cleaning works at the tunnel entrance portal



Tunnel Heading and Loading Machine Schaeff - Terex **ITC 420**



MAIN DATA

Base Machine: Schaeff type	ITC	420
Maximum chassis width:	mm	2500
Apron throat width	mm	1000
Electric drive power (400V-50Hz)	kW	110
Diesel Engine Power output	kW	120
Driving speed:	km/h	0-3,6
Conveyor chain speed:	m/s	0.5
Loading capacity	m ³ /min	2-5
Specific ground pressure:	kp/cm ²	1.0
Traction power:	kN	380
Weight	t	40



Loading of big blocks



High efficiency excavation