

Subway Bernhausen

Extension of the Stuttgart airport line in direction of Filderstadt
Heading acc. to the NATM.

INFO

Tunnel Heading Machine Schaeff - Terex **ITC 312 N1x**



The Tunnel Heading and Loading Machine Schaeff model ITC 312 N1s excavating the fullround cross-section \varnothing 8,6 m



Heading and loading in schluff with the bucket



Heading in the hard limestone with the integrated Hammer



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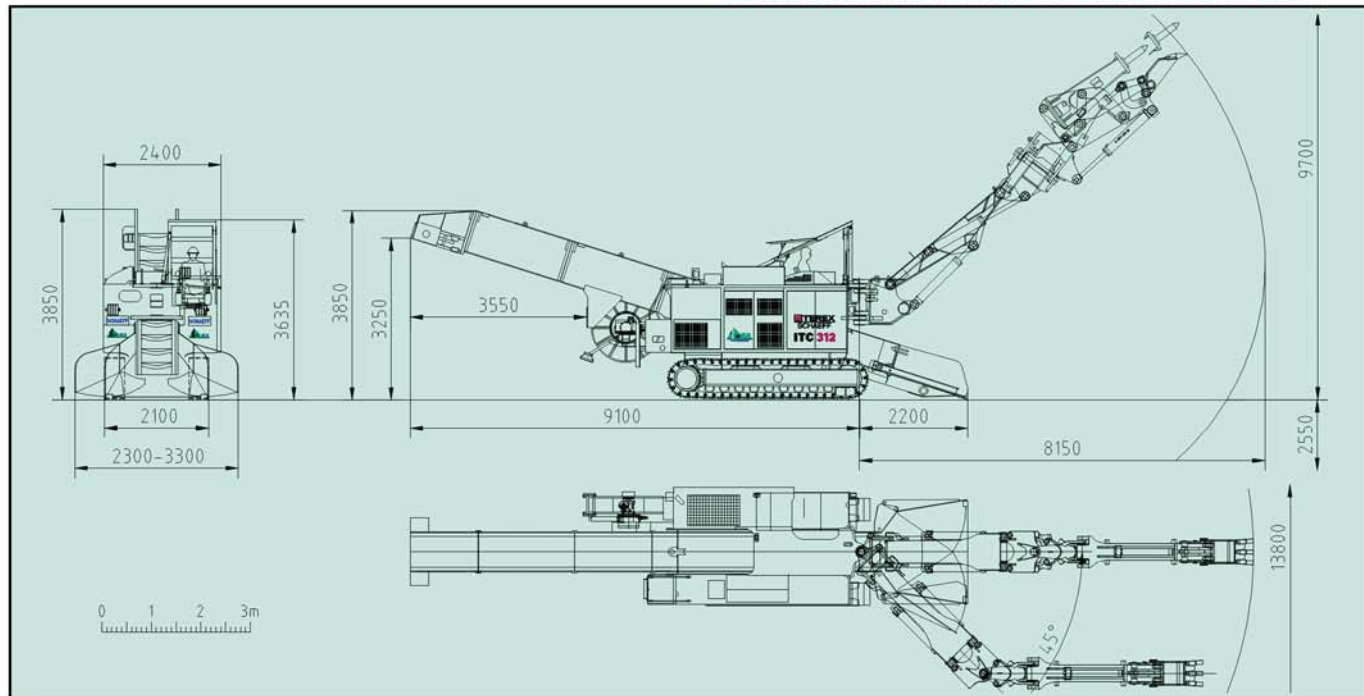
 **TEREX**
SCHAEFF

Tunnel Heading Machine Schaeff

ITC 312 N1x



Accurate excavation thanks to the tilt and swivel console



MAIN DATA

Base Machine: Schaeff type	ITC	312
Maximum chassis width:	mm	2300
Apron throat width	mm	770
Electric drive power (400V-50Hz)	kW	90
Diesel Power output	kW	122
Driving speed:	km/h	0-3,6
Conveyor chain speed:	m/s	0.5
Loading capacity	m ³ /min	2-3
Specific ground pressure:	kp/cm ²	1.0
Traction power:	kN	280
Weight	t	32



Hammer operation in the hard limestone



Lowering resp. cleaning the invert



Loading 25t articulated dump trucks