

Tunnel Wandersmann

Railway tunnel for connecting the city of Wiesbaden to the high speed network



INFO

Tunnel Heading Machine Schaeff - Terex

ITC 312 N2



The Tunnel heading and loading machine Schaeff model ITC 3i2 in the shield



Excavation at the lower level of the shield



Loading also the excavation of the stationary excavator



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TEREX

SCHAEFF



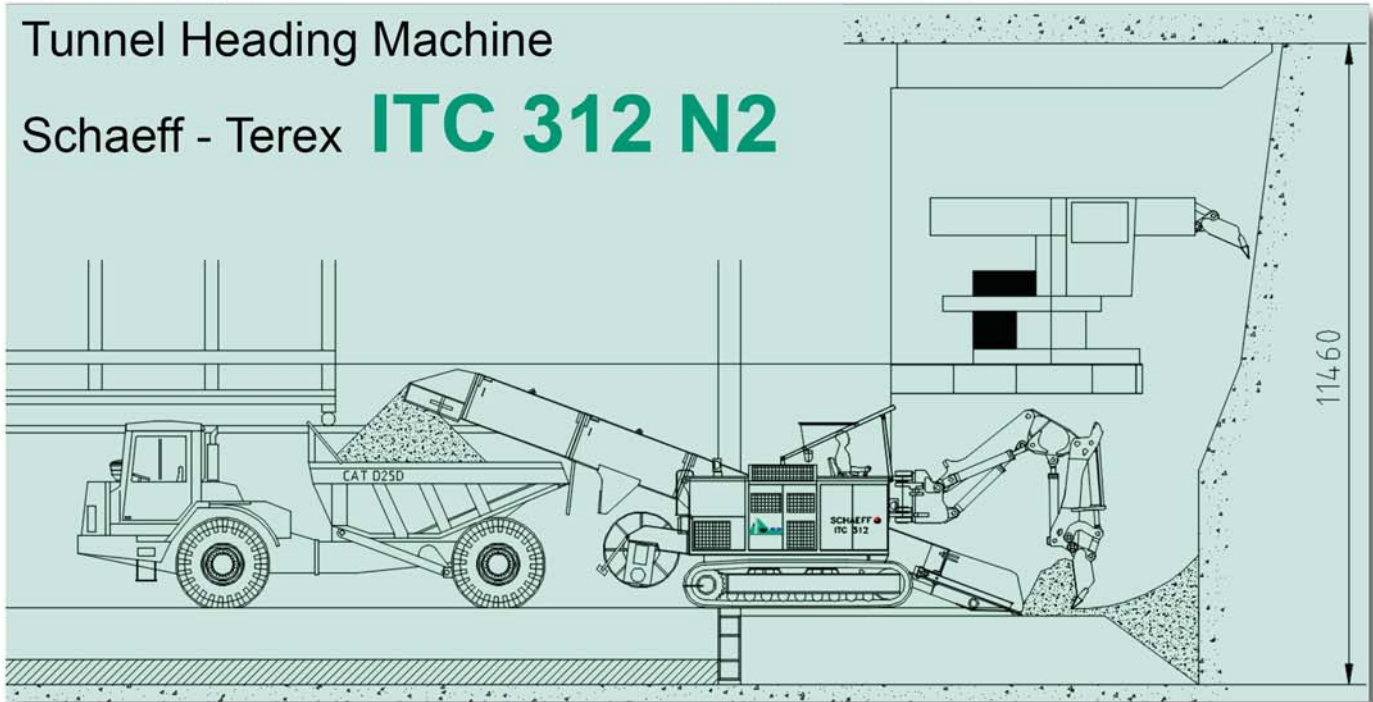
Excavation in very tight condition



Low profile jointed boom

Tunnel Heading Machine

Schaeff - Terex **ITC 312 N2**



MAIN DATA

Base Machine: Schaeff type	ITC	312
Maximum chassis width:	mm	2400
Apron throat width	mm	770
Electric drive power (400V-50Hz)	kW	90
Diesel Engine 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	30



High output satisfies the driver



Loading onto 25t articulated dump truck



General layout of the tunnel