

BRÄUTIGAM GROUP

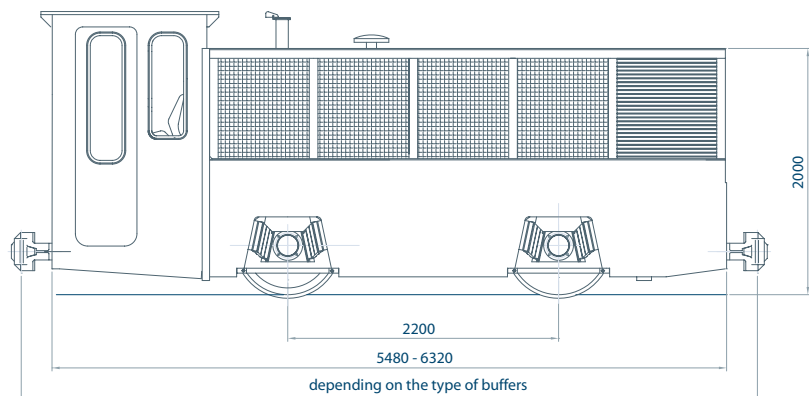
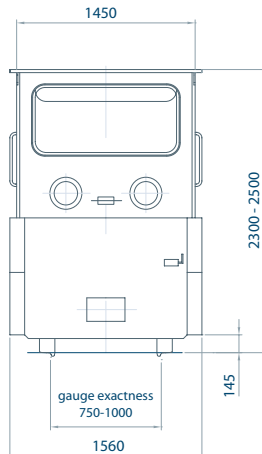
MADE IN GERMANY



BEDIA LOCOMOTIVE TECHNOLOGY



DIESEL TUNNELLING LOCOMOTIVES (D25L / D45L)



TECHNICAL SPECIFICATIONS

Type	D25L	D45L
Field of application	Tunnelling locomotive	Tunnelling locomotive
Total weight in service order	30 t	45 t
Tractive effort	75 kN	112,5 kN
Speed	30 km/h	28 km/h
Transmission	Hydrodynamic drive	Hydrodynamic drive
Engine	KHD BF6M 1013 ECP	KHD BF6M 1015 ECP
Engine output	186 kW	273 kW
Length without buffers	6320 mm	7000 mm
Total width	1560 mm	1700 mm
Total height	2500 mm	2500 mm
Gauge exactness	1000 mm	750 mm
Axis-center distance	2200 mm	2700 mm
Axis	1	2
Wheel diameter	800 mm	800 mm
Number of driver's cabs	2	2
Coupling	Steinfurth, BRÄUTIGAM GROUP, Willison, others on request	
Exhaust system	Catalyzer DCL Mine-X DC 12	
Control	Siemens SPS drive control- and monitoring-system	
Lighting	24V	
Monitoring	Electronic Indication of all relevant working conditions	
Service break	Pneumatically activated, mechanical break	
Emergency break	Pneumatically spring-operated mechanical block break	
Control lever	Electronic	
Dead man switch	Integrated in control lever	
Automatic safety device	Integrated in control lever, advance warning by electronic Indication	