



مشخصات لکوموتیوهای تونلی MAPNATL45

Title	Locomotive Type		
Locomotive Name	MapnaTL25-HS	MapnaTL45-HS	MapnaTL45-HD
Power Transmission	Diesel Hydraulic – Hydro-Static Engine - HydroPump - Hydro Motor-Reduction Gearbox-Drive Axle - wheels		Diesel Hydraulic – Hydro-Dynamic Engine - Torque Converter - Powershift Transmission - Drive Axle - wheels
Weight/ Axle load	25 ton / 12.5 ton	45 ton / 22.5 ton	
Axle Arrangement	B (two axle)		
Engine Type	Diesel 6 cylinder		
Rated Power	205 kw @ 2300rpm	315 kw @ 2100rpm	
Rated Torque	1100 Nm @1400 rpm	2100 Nm @1400 rpm	
Specific Fuel Consumption	188 gr/kWh	190 gr/kWh	
Max Speed	35 km/h		40 km/h
Length	8200 mm	9125 mm	9100 mm
width	1500 mm	1600 mm	
Height	2100 mm	2300 mm	2360 mm
Power Transmission Type	Tandem Hydro pumps for hydromotrs		Powershift 3 Forward Gears 3 Rear Gears
Wheel Diameter	800 mm	860 mm	920 mm
Max Gradient	50/1000	50/1000	55/1000
Track Gauge	750 mm	900 mm	
Track Gauge Tolerance	15 mm		
Tractive Effort at mininm Friction	40 kN	66 kN	
Train Weight at Max Gradient	83 ton	100 ton	