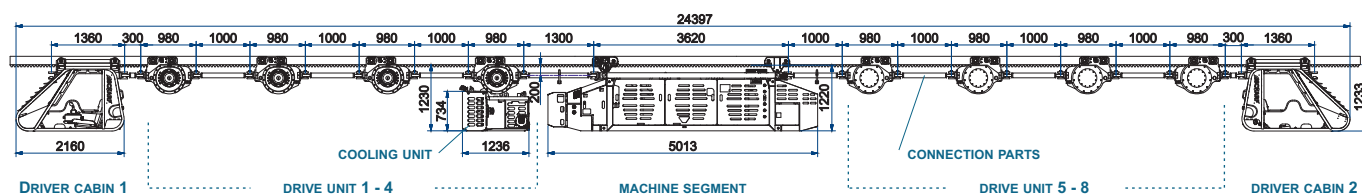


DZK 2500 4+4 Z

DZK 2500 4+4 Z MONORAIL LOCOMOTIVE

DIMENSIONS



TECHNICAL DATA

General

Diesel-hydraulic monorail locomotive with rack & pinion drive units

Pulling force per drive unit	≥ 30 kN
Brake force per drive unit	≥ 45 kN
Speed	≤ 2.6 m/s

Electrical system

Controls	Microprocessor
Operating voltage	3 x 12V/2A
Generator	25,5 VDC 240W
Type of protection	I M2 SYST Ex ib I
Operating panel:	7-Sequence LED

Diesel engine D 924 TI-EX

Design	4-Cylinder straight-type engine with turbo charger & charge cooling
Output	150 kW at 1,800 1/min
Diesel tank	Volume 140 l
Starter	Hydraulic
Protection certificate	ATEX
Cooling	Water circulation
Fuel consumption	appr. 210 g/kWh

Ambient conditions

Operating temperature	-40°C up to +40°C
Rel. humidity	≤ 95 %
Horizontal curve radius	min. 4 m
Vertical curve radius	min 8 m
Hill climbing ability	max. 30 degrees
Max. permissible methane concentration	1.5 % CH ₄ *

*National regulations may require lower values.

All data are subject to technical advancement. The devices correspond to the latest technical safety guidelines.