

## ZEPHIR MODEL RANGE

Model	Train weight	Drawbar	LOK weight	Dimensions	Max speed (Diesel)	Engine (Diesel)	Max speed (Electric)	Motor (Electric)	Battery (Electric)
LOK30	5600 t	280 kN	48 t	7360x2500x3660 mm	25 km/h	362kW	14 km/h	50x2 kW	4185 Ah
LOK22	4600 t	230 kN	40 t	7000x2500x3630 mm	25 km/h	362 kW	14 km/h	50x2 kW	4185 Ah
LOK20	4000 t	200 kN	35 t	7000x2500x3630 mm	25 km/h	224 kW	16 km/h	50x2 kW	4185 Ah
LOK16	3200 t	160 kN	29 t	6500x2500x3410 mm	25 km/h	224 kW	16 km/h	50x2 kW	4185 Ah
LOK13	2600 t	130 kN	24 t	4800x2500x3400 mm	25 km/h	160 kW	17 km/h	32x2 kW	1920 Ah
LOK10	2000 t	100 kN	20 t	4800x2500x3400 mm	25 km/h	129 kW	17 km/h	32x2 kW	1920 Ah

## EQUIPMENT ONBOARD

Comfort cabin 360 degrees  
 1520mm gauge with stone catchers  
 SA-3 couplers with remote activation  
 Arctic plug-in pack for Nordic climate  
 Pneumatic braking system 1.540, 2200 l/min  
 Double air brake hoses  
 Train brake line power release system  
 Air blade rail cleaning system  
 Traction performance system  
 Wheels anti-spin system

ZEPHIR safety package  
 Telemetrics remote diagnostics system  
 Driver identity system, PIN protected  
 In-railing and rear-view video cameras  
 Rail signalling lights, beacon, buzzer  
 Additional working lights  
 Rail track short circuiting system  
 Diesel engine start-stop system  
 On-board battery charging system  
 CE certificate, Manuals, Drawings

## OPTIONS

Remote control  
 Railtrack signalling system  
 Distance proximity sensors  
 In-railing video camera system  
 Data logger  
 Multi-Unit configuration  
 Rear-drive control unit and seat  
 Hybrid pack with diesel generator  
 Extended warranty  
 Other options upon request