

Ascendos Fleet Overview



Class 66 (JT42CWR) Locomotive

Manufacturer	EMD
Power (starting tractive effort)	Diesel Electric 2250 kW (410 kN)
Maximum speed	120 km/h
Wheel arrangement	Co' Co'
Weight	126 tons
Length (LUP)	21,4 metres
Country approvals	D/B (2) D/B/NL/PL (1) D/B/NL (21)
Safety devices	PZB 90, MEMOR/ ATBVv / SHP
Curve radius	80 meters (single traction)
Tank capacity	6400 litres
<i>Additional remarks</i>	

Low emissions - Class 66 already comply with Euro III standard



Traxx Type 185.1 F140AC

Manufacturer	Bombardier
Power (starting tractive effort)	5600 kW (300 kN)
Maximum speed	140 km/h
Wheel arrangement	Bo'Bo'
Weight	85 tons
Length (LUP)	18,9 meters
Country approvals	Germany, Austria
Safety devices	PZB 90/LZB/AFB
Curve radius	100 meters (V max. 30 km/h)
Further equipment	ZDS/ZMS/ZWS/ZS/Tb0/NBU
<i>Additional remarks</i>	

Also appropriate for passenger trains



Traxx Type 145

Manufacturer	Bombardier
Power (starting tractive effort)	4200 kW (300 kN)
Maximum speed	140 km/h
Wheel arrangement	Bo'Bo'
Weight	82 tons
Length (LUP)	18,9 metres
Country approvals	Germany
Safety devices	PZB 90/LZB/AFB
Curve radius	100 meters (V max. 30 km/h)
Further equipment	ZDS/ZMS/ZWS/ZS/Tb0/NBU
<i>Additional remarks</i>	

Also appropriate for passenger trains



ER 20 Euro Runner "Hercules" Locomotive

Manufacturer	Siemens
Power (starting tractive effort)	Diesel Electric 1600 kW (235 kN)
Maximum speed	140 km/h
Wheel arrangement	Bo'Bo'
Weight	80 tons
Length (LUP)	19,3 meters
Country approvals	Germany
Safety devices	PZB 90/ AFB
Curve radius	100 meters
Tank capacity	1750 / (2800) litres

Additional remarks

Also appropriate for passenger trains



LINT 27 DMU

Manufacturer	Alstom LHB
Power (starting tractive effort)	Diesel Hydrolic 315 kW
Maximum speed	120 km/h
Wheel arrangement	1 car train (B'2')
Weight	41 tons (empty)
Length (LUP)	27 meters
Country approvals	Germany
Safety devices	PZB 90
Low floor area	598 mm
Passenger capacity	approx 70 passengers

Additional remarks

Regional trains with low floor entrances and access for persons of reduced mobility



LINT 41 DMU

Manufacturer	Alstom LHB
Power (starting tractive effort)	Diesel Hydrolic 2x 315 kW
Maximum speed	120 km/h
Wheel arrangement	2 car train (B'2 B')
Weight	63,5 tons (empty)
Length (LUP)	41,8 metres
Country approvals	Germany
Safety devices	PZB 90
Low floor area	598 mm
Passenger capacity	approx 130 passengers

Additional remarks

Regional trains with low floor entrances and access for persons of reduced mobility



Flirt 2 car EMU

Manufacturer	Stadler
Power (starting tractive effort)	1300 kW (200 kN)
Maximum speed	140 km/h
Wheel arrangement	2 car (Bo'2'2')
Weight	76 tons (empty)
Length (LUP)	42,1 meters
Country approvals	Germany
Safety devices	PZB 90
Floor height	1120 mm
Passenger capacity	approx 116 passengers

Additional remarks

Regional trains with low floor entrances and access for persons of reduced mobility



Flirt 3 car EMU

Manufacturer	Stadler
Power (starting tractive effort)	2600 kW (200 kN)
Maximum speed	160 km/h
Wheel arrangement	3 car (Bo'2'2'Bo')
Weight	100 tons (empty)
Length (LUP)	58,2 meters
Country approvals	Germany
Safety devices	PZB 90
Floor height	1120 mm
Passenger capacity	181 persons

Additional remarks

Regional trains with low floor entrances and access for persons of reduced mobility



Double Deck Coaches with Pilot Cars

Manufacturer	Bombardier
Maximum speed	160 km/h
Train Versions	Abs /BK / B
Weight	52 tons
Length (LUP)	ca. 27 meters
Country approvals	Germany / Denmark
Safety devices	ATC (Driver/Trailers)
Low floor area	about 550 mm
Passenger capacity	depends on the seat arrangement

Additional remarks

Appropriate for commuter trains with push-pull operation, access for persons of reduced mobility



Falns Freight Wagons

Manufacturer	Transwagonna - Burgas Bulgaria
Power (starting tractive effort)	N/A
Maximum speed	120 km/h empty / 100 km/h loaded
Wheel arrangement	2 bogies (DB-BA 628/629 / Y25Lsd1) BA004 wheelsets
Weight (empty)	24,5 tons (axle load limit 22,5 tons)
Length (LUP)	13.29 metres
Country approvals	Germany
Safety devices	not applicable
Curve radius	150 m (mainline) 75m (shunting line)
Further equipment	Pneumatic unloading operation
<i>Additional remarks</i>	
<i>Complies with RIV rules</i>	