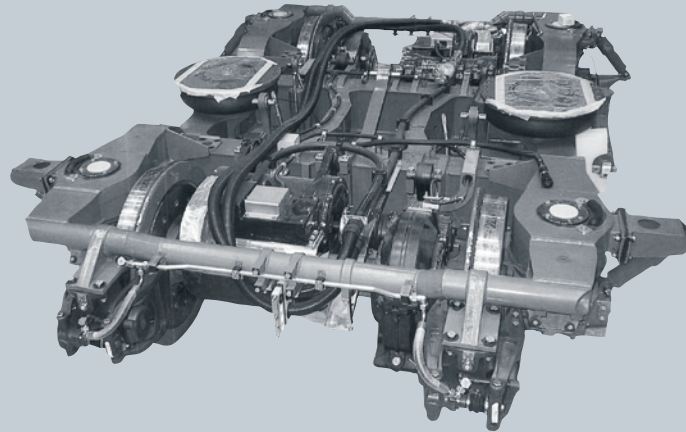


M-Size Bogies

◁ FLEXX Link Bogies

For Regional and Long Distance Trains ▷



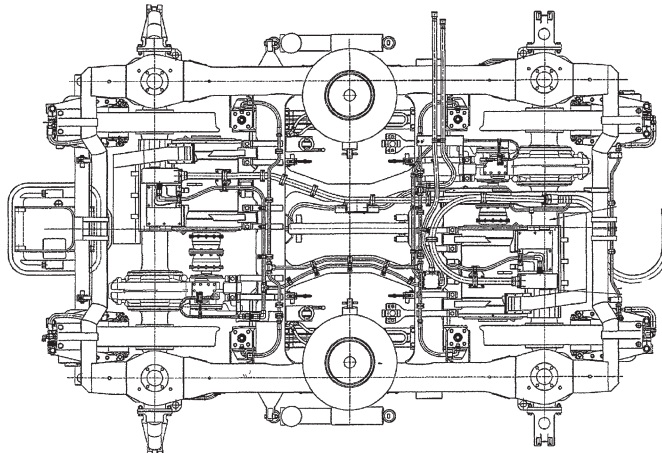
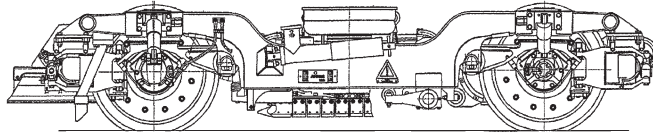
FLEXX Link bogies are designed to meet a wide variety of customer and track requirements. Their robust design is also suitable for extreme weather conditions (Scandinavia, China) and for high speed applications. The FLEXX Link bogies are capable of maintaining high speeds on sections of track with numerous curves as well as on straight tracks.

The soft primary suspension permits radial steering of the axles even in sharp curves and leads to minimal wheel and rail wear. A coil/elastomer suspension and an optimized damper configuration enables excellent running properties with low noise emission. The *FLEXX Link* bogie family is easy to maintain at low maintenance costs.

More than 2,000 *FLEXX Link* bogies are in operation worldwide. The picture shows a *BOMBARDIER* REGINA** train for the Ministry of Railways, China.



REGINA CRH1 train, China



Characteristics

Fabricated H-shape frame with headstocks
Maintenance free coil/rubber primary suspension
Wheel mounted disc brakes
Hydraulic vertical, lateral and yaw dampers
Longitudinal force transmission using one central rod
Semi-suspended drive 2 x 265kW
Motor and trailer versions available
Radial arm springed primary suspension

Technical Data

Gauge	1,435 mm
Wheel base	2,700 mm
Wheel diameter max.	915 mm
Wheel diameter min.	835 mm
Height over secondary suspension	840 - 845 mm
Maximum speed	160 - 250 km/h
Mass (trailer)	8,2 (6,5) t
Maximum axle load	18,5 t

Bombardier Transportation

Siegstraße 27
57250 Netphen, Germany

Tel + 49 271 702 0
Fax + 49 271 702 222

www.bombardier.com