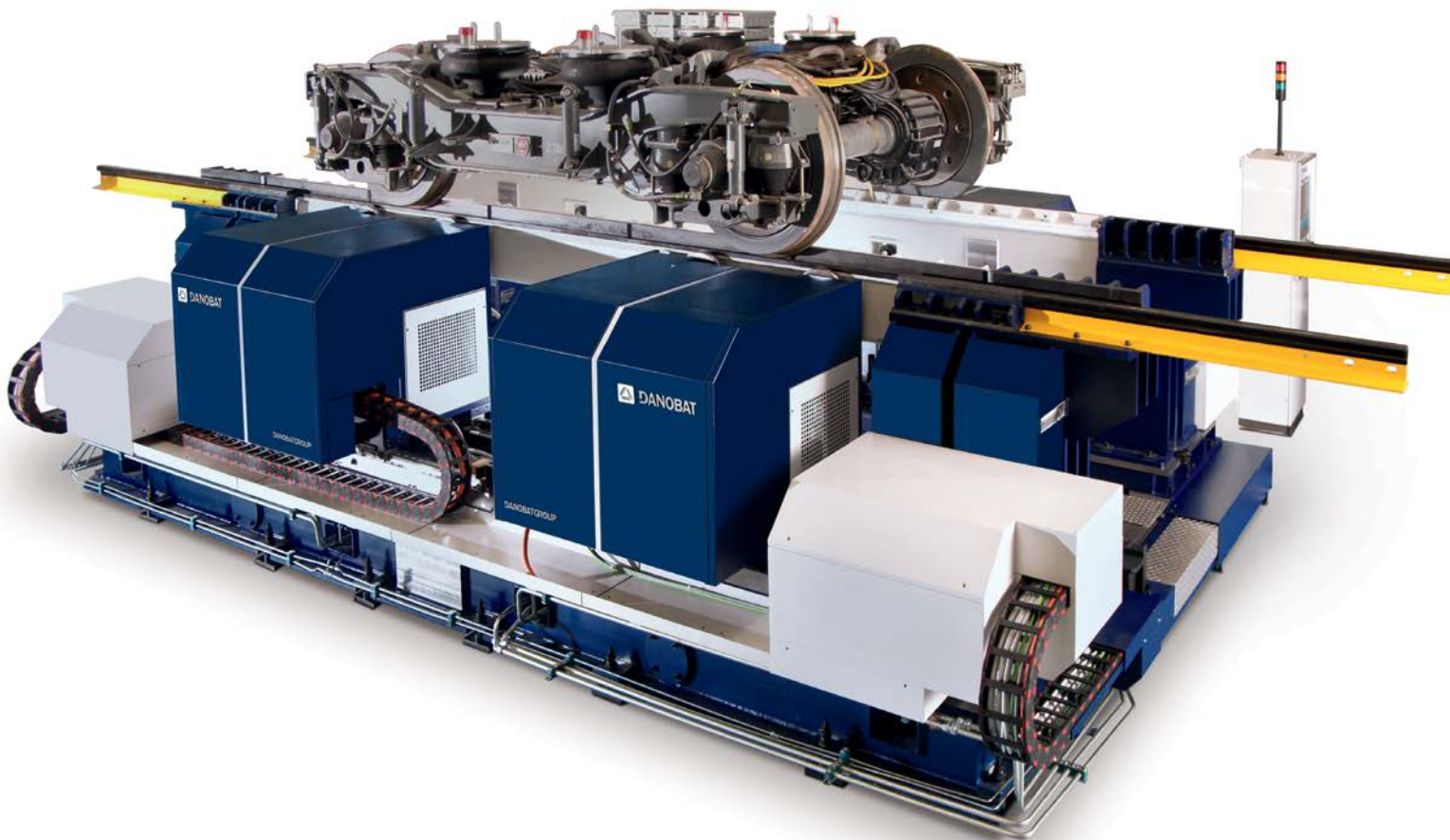




**DANOBAT**

# DTR

**DYNAMIC BOGIE TEST RIG**



The innovative DTR Dynamic train Bogie Test Rig is intended to be the decisive support tool for assessing the correct railway maintenance of the bogie rotary parts and bearings.

**BENEFITS:**

- Adaptable to all bogie/wheelset types
- Cost reduction by extend maintenance intervals and simple maintenance tasks
- Advanced diagnostics, preventive actions before failures and avoiding accidents
- Optimized efficiency, increased rolling stock reliability and availability

# DTR

## DYNAMIC BOGIE TEST RIG

### TECHNICAL CHARACTERISTICS

### DTR

Machine dimensions: length x width x height	mm (inch)	7500x4000x2000 (295.27x157.47x78.73)
Max. bogie dimension: length x width x height	mm (inch)	5000x3000x1200 (196.84x118.1x47.24)
Max. axle weight (in standard configuration)	kg (lb)	25000 (55115)
Number of axles		2
Distance between axles	mm (inch)	1600-3300 (63-129.92)
Track width	mm (inch)	1000-1435-1668 (39.36-56.49-65.66)
Load applicable to bogie (optional in case of load test)	Kn	2x300
Wheel drive indexing speed	km/h (miles/h)	0-100 (0-62.13)
Roller traction group power	kW (hp)	4x22 (5.36x29.5)
Number of simultaneous channels for simultaneous testing		16
Dynamic testing capture frequency	khz	20

