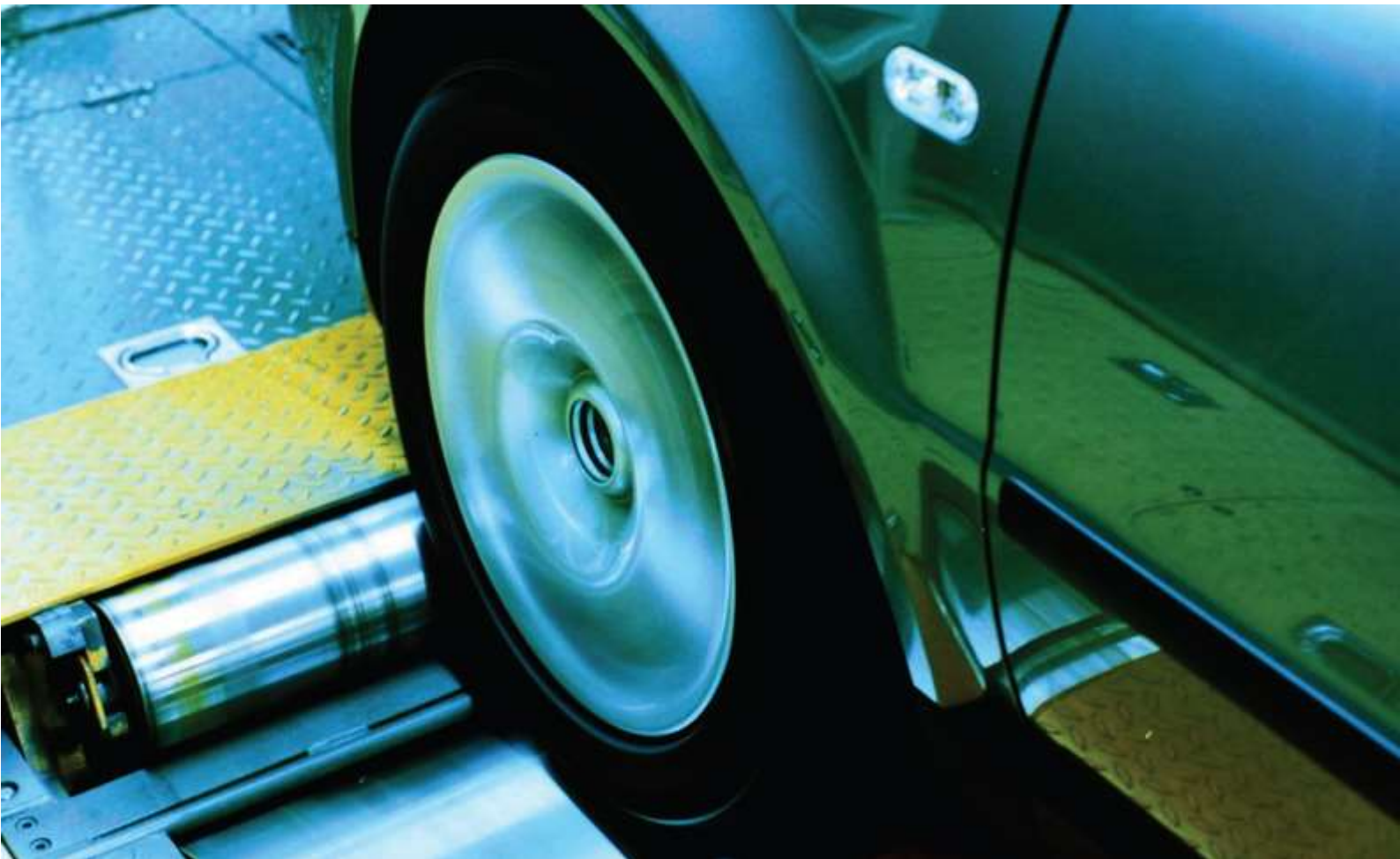




Roll Test Stand

with Independent AC-Drive System



- High flexibility
- Reduction of cycle time due to elimination of mechanical switching operation
- Simulation of driving curves (Road Load)
- Inertia simulation of masses
- Re-feeding of excess energy back to Supply
- High reliability
- Low maintenance

fact sheet:

Roll Test Stand

with independent AC-Drive System

We offer the optimal Roll Test Equipment for your operative range.

Ratings:	Single Roller	Twin Roller
Roller diameter	900 mm	500 mm
Roller distance inner edge/inner edge	700-900 mm	700-900 mm
Roller distance outer edge/outer edge	2100-2300 mm	2100-2300 mm
Wheelbase adjustment	2300-3300 mm	2200-3200 mm

Mechanical simulated vehicle mass:

Min. simulated mass	900 kg
Max simulated mass	1600 kg
Additional mechanical weights	300 kg

AC-Drive System:

Numbers of AC Drives	4
Power per AC Drive / Converter	31,1/55 kW
As an option by same dimension	60,1/70 kW
Max speed	200 km/h
Max simulated mass by front or rear drive	400 kg
Acceleration up to 120 km/h	2,7 m/s ²
Max deviation during acceleration	< 2 %
Max deviation during constant speed:	
0-9,99 km/h	< 1 %
10 km/h - v _{max}	0,2 %
Force at the roller in range of < 10 km/h	2200-5000 N / AC Drive (depending on the Roller and the AC Drive configuration)

Other dimensions and AC Drive configurations are available

Hofmann TeSys maintains a policy of continuous research and development and specifications are subject to alteration without notice.

Hofmann TeSys Prüftechnik GmbH

Heilswannenweg 50
31008 Elze, Germany
Tel +49 (0) 5068 462-103
Fax +49 (0) 5068 462-129
Mail sales@hofmanntesys.com
Web www.hofmanntesys.com

Hofmann TeSys UK Ltd

Evesham House, Whittington Hall
Worcester, WR5 2RZ, UK
Tel +44 (0) 1905 357282
Mail sales@hofmanntesys.com
Web www.hofmanntesys.com

