

# RENK Systems Corporation

8880 Union Mills Drive  
Camby, IN 46113-9705 USA

Phone: 317-455-1367  
Facsimile: 317-455-1718  
E-Mail: [RSCSales@renksystems.com](mailto:RSCSales@renksystems.com)  
Internet: [www.renksystems.com](http://www.renksystems.com)



## Test Systems for...

- *Passenger Cars*
- *Off-Highway Vehicles*
- *Military Vehicles*
- *Special-Purpose Vehicles*
- *Trucks*
- *Buses*
- *Subsystems*
- *Components*

## TEST SYSTEMS *for the* AUTOMOTIVE INDUSTRY



### Applications:

- *Research and Development*
- *Quality Assurance*
- *Production*
- *End-of-Line*



### Chassis Dynamometers for Complete Vehicle Testing

Endurance tests (mileage accumulation)  
 Noise and vibration analysis  
 Brake system testing, including ABS

Cold weather testing to -40° F (-40° C)  
 Interior noise analysis  
 Exhaust emissions testing

#### **Features of RENK Chassis Dynamometers**

- Adjustable wheelbase
- Adjustable track
- 2WD or 4WD capability
- Single or multiple drive-axle capability
- Dynamometers for tracked vehicles
- One-axle, one-roll chassis dynos for off-road vehicles such as farm tractors
- Chassis dynos for...

Heavy trucks

Buses

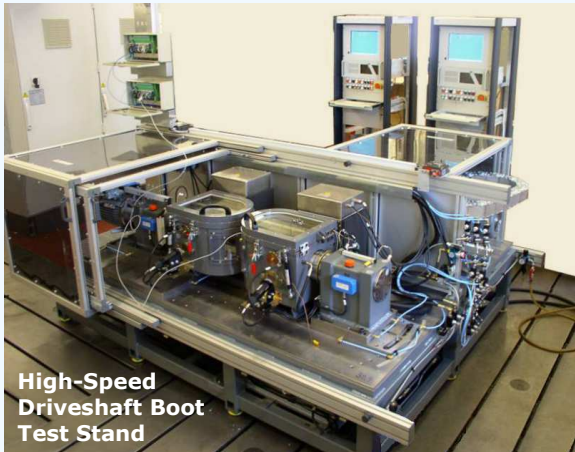
Fork lifts

Skid steer machines

Military vehicles

Other special purpose vehicles

### Test Stands for Vehicle Sub-Systems and Components



Complete drive trains  
 Torque converters  
 Retarders  
 Power steering pumps  
 Wheel bearings

Axles and trans-axles  
 Cardan shafts  
 Exhaust systems  
 Hoses  
 Tires

Manual and automatic transmissions  
 Engines  
 Torsional vibration dampers  
 Brake systems, including ABS  
 Engine mounts

#### **Features of RENK Component Test Stands**

- Accurate and reproducible tests and simulations
- Easy operation, data acquisition, and calibrations

**RENK Systems Corporation offers MODERNIZATION and CONTROL SYSTEMS UPGRADES for test stands from all manufacturers.**

**RENK Systems Corporation also provides PREVENTIVE MAINTENANCE, REPAIR, and SPARE PARTS SERVICES for all of our test stands and automotive projects.**