



Test Systems for Agricultural Vehicles
Technical Information

Test systems for production and quality assurance

End of line testing for high reliability

Functional tests
Performance tests

Ensuring the quality of the entire vehicle is of the utmost importance prior to each delivery.

The use of tailor-made test systems always plays a deciding role in quality assurance. As such, RENK test stands offer a high level of automation. Depending on requirements, even fully automatic test operation is possible.



EOL roller test stand

For production/quality assurance, RENK supplies ready-to-use test systems, such as:

- Roller test stands
- Transmission test stands
- Axle test stands
- Drive shaft test stands



EOL brake test system



EOL transmission testsystem

New **RDDS** (RENK Dynamic Data System) ... customization made easy!

Control system for best test results

In addition to all of these products and services, the state-of-the-art automation system, RDDS, provides user-friendly customization of controls and monitoring of each set-value, as well as simultaneous acquisition, storage, and display of measured values.

This powerful system for reproducible tests in the laboratory, is made to handle most of today's complex tasks in a very easy and innovative way. A high level of flexibility allows the best possible adaptation to the specimen, test stand, and customer.



Test systems for research and development

Specialized testing to ensure product safety

Safety
Driving comfort
Environmental compatibility

Global competition and accelerated innovation are reducing development cycles in the agriculture industry. New developments in electronics and mechanics, as well as operator comfort, must satisfy increasingly complex and flexible requirements on the test facilities.

This also requires constantly modified and adapted requirement profiles in test and design – both for component and complete vehicle testing.

For specialized testing, RENK supplies tailor-made systems, such as:

- Chassis dynamometers
- Drive-train test stands
- PTO test stands
- Brake/performance test stands



Vehicle performance test stand

RENK products and services

RENK's scope of supply includes everything from targeted customer consultation to physical test stands. Concept creation, design, production, and assembly of test systems, as well as training and instruction for operating personnel and customer commissioning are integral aspects of RENK's expertise. RENK test stands are of modular design and optimally balanced for every purpose.



PTO dynamometer



4WD chassis dynamometer



GERMANY

RENK Test System GmbH

Gögginger Str. 73
86159 Augsburg, Germany
Phone: +49 821 5700-408
Fax: +49 821 5700-610
Email: info.testsystem@renk.biz

Service:

Phone: +49 821 5700-474
Fax: +49 821 5700-712
Email: service.testsystem@renk.biz

www.renk-testsystem.eu

USA

RENK Systems Corporation

8880 Union Mills Drive
Camby, IN 46113-9705, USA
Phone: +1 317 455-1367
Fax: +1 317 455-1718
Email: RSCSales@renk.biz

www.renksystems.com

CHINA

RENK Shanghai

Service and Commercial Co., Ltd.

No. 455, Jinfeng Road
Tang Town, Pudong New Area
Shanghai 201201, China
Phone: +86 21 58586150
Mobile: +86 186 21603307
Email: info@renk-shanghai.cn

KOREA

RENK Korea Co., Ltd.

#606, Daeha Plaza Bldg, 98, YangUnRo,
Haeundae-gu, Busan, Korea
(post code : 48106)
Phone: +82 51 918 2224
Fax: +82 51 701 2224
Email: info@renk-korea.kr