

TYRE TESTING EQUIPMENT

FROM RUBBER CONSULTANTS

For immediate release

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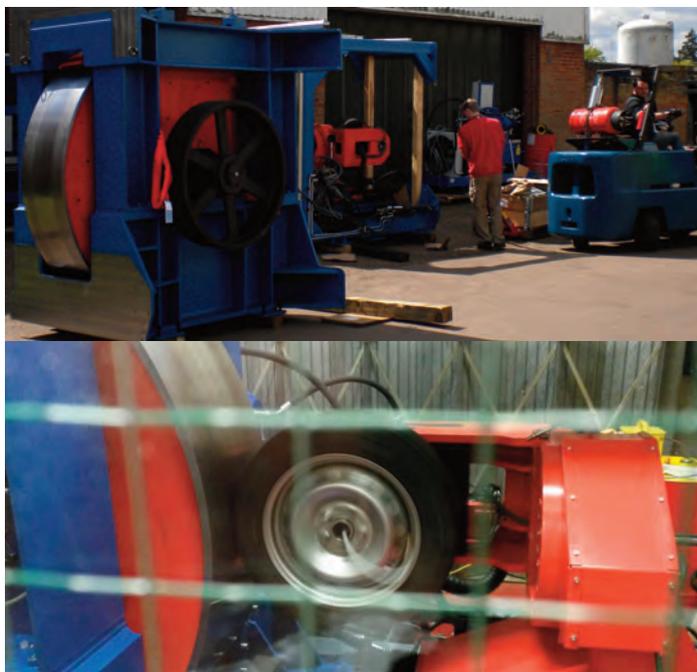
Rubber Consultants new 2-station passenger rig with force and measurement moment hub is available for testing

Rubber Consultants has added to its comprehensive tyre testing facilities with the delivery of a new 2-station passenger test rig. The endurance station has a top speed of 350kph and a 2.5 tonne load capacity. The second station has a force and moment hub that can be used to measure the important tyre performance characteristics used in tyre modelling software. Rubber Consultants is one of the few laboratories in Europe that can offer this service.

The new rig complements Rubber Consultants' tyre testing equipment that also includes:

- 2-Station commercial vehicle tyre test rig with 60mph and 6.5 tonne load capacity. The rig covers all endurance testing in Regulations 54 and 109 and those listed in BS AU 144f.
- Both test drums are accredited to ISO 17025 by UKAS for testing to ECE Regulations 54 and 109.
- Instrumented single station rig for rolling resistance measurements to ISO Standards: ISO 18164 with a 5 tonnes load and 60 mph speed capacity. This last rig can be fitted with a high-torque drive suitable for testing solid tyres up to 25mph.
- Pendulum skid resistance tester to test with a range of test surfaces from well defined abrasive paper to ice-track, testing to BS EN13036-4:2011.
- Shallamach 2-wheel trailer for:
 - accelerated tread wear measurements.
 - traction measurements under dry or wet conditions, or on ice.
- Fleet testing of truck tyres for road performance can be arranged and supervised.
- Retreading equipment for conventional and pre-cured truck retreading, either unisection or multisection. Hot cure passenger retreading.

Paul Brown, Head of Rubber Consultants tyre testing services, explains 'we are excited with the state-of-the-art passenger tyre test rig and it has already performed testing beyond the capabilities of our previous equipment. We look forward to exploiting the capabilities of the force and moment station to our existing and new customers'.



Rubber
Consultants

TESTING • INNOVATION • SOLUTIONS
since 1984

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Background on Rubber Consultants

Rubber Consultants is the consultancy unit of one of the world's leading rubber R&D laboratories, the Tun Abdul Razak Research Centre (TARRC), the UK laboratory of the Malaysian Rubber Board. Rubber Consultants is an expert in elastomer and polymer testing with access to TARRC's expertise and extensive facilities, and for over 30 years has built up a large and varied client base that includes a wide spectrum of industries.

Rubber Consultants offers a broad selection of analytical testing – rubber testing, including synthetic polymer testing - all carried out in-house. Elastomer testing is its main area of expertise, but chemical analysis has been expanded to encompass many materials and products used with natural rubber and synthetic polymers.

Rubber Consultants has some of the most comprehensive tyre testing facilities in the world including testing rigs for truck and passenger tyres and staff experienced in tyre retreading and tyre analysis. Accredited laboratories offer everything needed to thoroughly analyse tyres to comply with legislation.



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