

RHO-6/L RHC-30 RHE-30/6S



Roller brake testers are designed to inspect braking forces and evaluate the effectiveness of parking and working brakes



application of inverters reduces power consumption and enables the rollers to start smoothly



extremely friction-resistant and safe for tyres coating of roller surface



specially designed motoreducer ensures many years of trouble-free operation

Purpose

- Roller brake testers allow measuring:
- the effectiveness of braking and working brakes of a vehicle
 - rolling frictions
 - variations of braking forces
 - percentage difference of braking forces.

Advantages

- extremely friction-resistant and safe for tyres coating of roller surface
- suitable for testing brakes in 4x4 drive vehicles (automatic detection of drive type)
- the device adapted to test low suspension vehicles
- support for trucks to drive off the rollers
- measurement of the reaction time of brakes

RHC-30



Roller tester for inspection of braking systems in vehicles with total weight above 3,5 t, including trucks, buses, tractors, trailers and 4x4 drive vehicles.



RHO-6/L



Roller tester for inspection of braking systems in vehicles with total weight up to 3,5 t, including cars, light commercial vehicles and tractors, motorcycles, trailers as well as 4x4 drive vehicles.



RHE-30/6S



Roller tester for inspection of braking systems in vehicles with total weight up to and above 3,5 t, including cars, motorcycles, commercial vehicles, trucks, buses, tractors, trailers as well as 4x4 drive vehicles.



Technical data	RHO-6 *	RHC-30 *	RHE-30/65 *
Max axle load	2 t	18 t	18 t
Braking force range	0-6 kN	0-30 kN	0-6 kN; 0-30 kN
Track width	900-2140 mm	990-2700 mm	900-2870 mm
Permissible wheel diameter	10 - 28"	14 - 33"	12 - 33"
Measured pressure range	---	0-1 MPa	0-1 MPa
Range of braking pedal pressure	0-1000 N	0-1000 N	0-1000 N
Power of engines	2 x 3 kW	2 x 7,5 kW	2 x 7,5 kW
Adhesion coefficient for dry- wet tyres	0,9 - 0,7	0,9 - 0,7	0,9 - 0,7
Perimeter velocity of rollers	5 km/h	2,5 km/h	2,5km/h 5 km/h
Voltage	3 x 400 V	3 x 400 V	3 x 400 V

* A mobile version available

Standard equipment



Wireless brake pedal pressure sensor



Wireless pressure sensor for pneumatic systems

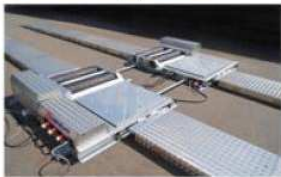


Cover for testing motorcycles and quads



Radio remote control - 50 m range

Optional equipment



Mobile roller brake tester



Tablet - radio remote control



Hydraulic axle loader



Weighing system

Mobile rollers



Purpose

The Uniline Quantum lanes offer two ways of testing 4WD drive vehicles:
 - applying a special option in the Quantum software (automatic driver detection and testing procedure)
 - using a mobile set of rollers.
 Mobile rollers ensure a safe use of roller brake testers to inspect each type of vehicles with many axle drive, including those without an inter axle differential.

Functionality

A test of braking systems in 4WD vehicles is performed without need to turn the drives off. To this end one drives with the axle to be tested on the roller brake tester while the non-tested axle should be placed on the mobile roller set. Then the test is carried out like in the case of a one axle drive vehicle.

Technical data	PW-Uni	PW-3,5
Working width of plate	650 mm	430 mm
Working length of plate	510 mm	510 mm
Diameter of rollers	40 mm	40 mm
Max axle load	11,5 t	2 t
Weight	2 x 50 kg	2 x 33 kg



Uniline Quantum