

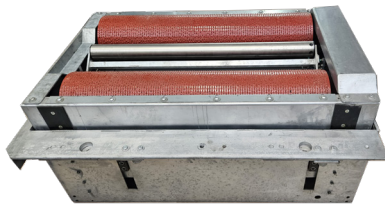
DESCRIPTION

Sherpa Lifting Bed Roller Brake Tester

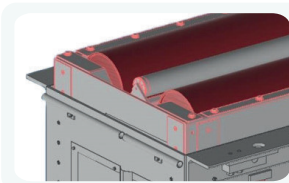
'SL18115' is a cutting-edge solution designed to meet the evolving demands of modern vehicle testing. Manufactured in Germany, SHERPA Autodiagnostik has been a leader in high-tech testing technology for over 30 years, providing innovative, high-quality systems.

The SL18115 is hot-dip galvanised for durability and longevity. It comes standard with a test program for electronic parking brakes and is powered by planetary gear motors, delivering exceptional motor strength with minimal energy requirements.

This model features SHERPA's unique hydraulic axle load simulation system. Using four hydraulic cylinders, the roller bed can be lifted, allowing for precise load simulation without the need for tying down the vehicle.

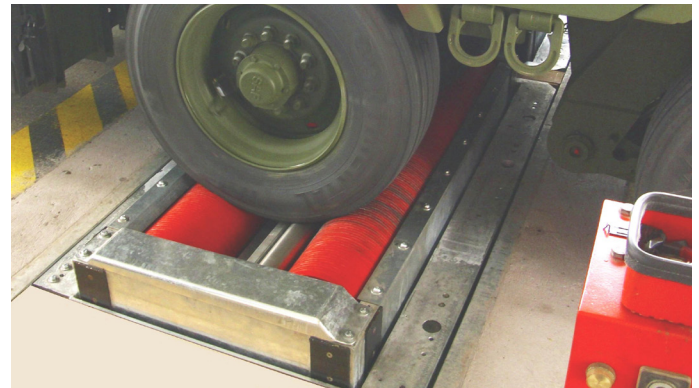


Hydraulic roller raising for BPS
Twin lifting force max. 12 t axle load; stroke max. 220 mm; with Variable Stop Function



Roller Brake Tester

- Hot-dip galvanised roller set
- Lifting roller bed height of 220mm with variable stop function.
- Planetary gear motors: Enormous motor power with minimal power connection values
- Standard raised roller by 40 mm on the access side, exit side at ground level
- Wear-free, electronic DMS measuring system with shear force transducer
- Standard test program for electronic parking brakes
- **EDOS Drive out assistance** with electronic rotation direction controller (Patent EP 2594916)



Tech Specs	SL18115
Maximum Axle Load	18,000kgs
Roller Length	1,150 mm
Roller Diameter	268 mm
Lifting Height	220 mm
Roller centre distance	440 mm
Test Speed	Planetary gear with 2.6 km/5.2km
Drive Capacity	2 x 9 kW
Testable axle load	at 50% deceleration 14 t
Supply Voltage	3PH 415V 50HZ
Feed line / fuse protection	5 x 10 mm ² / 50 A
Dimensions per roller set (L x W x H)	1,220 x 1,045 x 545 mm
Weight per roller set	460 kg
Wheel deflector	inner

Electrical / Control Box

- With motor protection switch, control electronics, operating elements and main switch lockable
- Splash water protected IP 54
- 800 x 600 x 250 mm (L x W x H)



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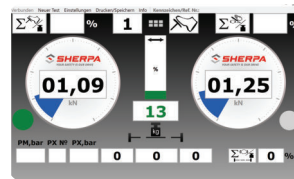
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DISPLAY MODES



LED Display "Dig-4" (RGB)

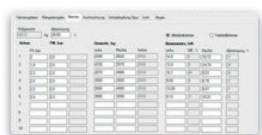
- With a resolution of 8x64 LEDs for all roller brake testers & test lanes, as a single or combined display
- Variable, dynamic display format
- Digital display with several display ranges for brake, difference, side slip, weight and pressure values



PC-Software "BPS-TV"

- The PC Software "BPS-TV" transmits data directly to the Windows 10 PC or Laptop
- Brake force, difference, axle number, brake type, axle and wheel weight, deceleration, brake pressures and operating mode are shown clearly and easy to read. The printout is processed via the PC

ADDITIONAL FEATURES



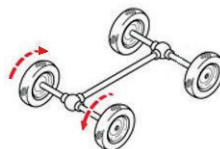
SHERPA-Office database for customer and vehicle data: visual defects file, saving measurement data, printout, network module for PC networking



Weighing device static / dynamic: very precise and reliable measurement of the respective test weight by 8 shear force transducers



Radio Remote controls: up to 20-times encodable; measured value storage and manual test unit control



Patented automatic all-wheel detection with fully automatic testing (Patent EP 1931957B1)



2 test speeds (2.6 and 5.2 km/h) making it suitable for both heavy and light vehicle testing



EDOS Drive out assistance with electronic rotation direction controller (Patent EP 2594916)

RELATED PRODUCTS



Load simulator type LS-12 (10t): hydraulic unit with pressure controller and pressure display

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