



VIS-CHECK® - XD Heavy Duty Mine Vehicle Roller Brake Tester

NEPEAN Transport is the Australian owner, designer, manufacturer and service provider of the range of VIS-CHECK roller brake, steering and suspension testing equipment.

The XD heavy duty roller brake tester (patent pending) is an undercarriage diagnostic system that automates the inspection of brake, steering and suspension components. In just 20 minutes, previously undetected repair opportunities are located and an approved inspection report, relevant to test parameters for the state, territory or national requirements is available.

Rugged and portable the XD heavy duty roller brake tester is specifically designed for testing on and off highway trucks, mining and earthmoving equipment. The unit is self-loading onto any flat bed truck, and is deployed by a single operator via hydraulic powered folding ramps, and is suitable for operation in all weather conditions, on sealed and unsealed road surfaces.

Help improve safety and reliability of your fleet with VIS-CHECK roller brake, steering and suspension testing equipment:

- ◆ Safe testing method - vehicle is stationary
- ◆ Simple, fast & reliable testing
- ◆ Individual wheel end fault analysis
- ◆ Downloadable reports

VIS-CHECK® - XD Heavy Duty Roller Brake Tester

MODEL: VIS-MR-XD

TECHNICAL SPECIFICATIONS

Dimensions

Length	6.1m/240 inches
Width	2380mm/93.7 inches (stowed) 5.1m/200 inches (operational footprint)
Height	2.2m/86.6 inches
Weight	4.9t
Test Height	370mm/14.6 inches (over rollers)

Brake Tester Rollers

Roller Diameter	180mm/7 inches
Roller Speed	14 rpm
Roller length	1175mm/46.3 inches
Roller surface	Anti-skid spatter weld, metal sprayed
Roller coefficient of friction	Dry 0.8/ Wet 0.7
Rotary encoder (3 rd roller)	Lineseike CE-200
Load cells (weight)	8 x 10t rated
Strain gauges	2 x 5t rated

Brake Test Capacity

Axle Load	27t (per wheel – 13.5t)
Min Test Width	2925mm/115inches
Max Test Width	4025mm/158.4 inches
Max Brake Force	60kn
Working Pressure	1800psi
Wheel Diameter	min 800mm/31 inches max 1800mm/71 inches

Operations

Power Requirement	3Ph 415V 32A 50Hz
Temperature Range	0°C to 50°C
Degree of Protection	IP65
Insulation Rating	Class F
Finish	Powder-coated

Options

Sideslip
Headlight Alignment
Speedometer Testing
Emissions Testing
Nitrogen Inflation



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