



Up to 4 T



Description

The **ASM emissions bench for 2WD vehicles**, can prevent, locate and investigate ignition and injection problems, and improve the fuel consumption and gas emissions measurement of the vehicle under load.

During the emission tests, an **absortion of the power in accordance with the ASM standard** is made through an **electric brake** self-cooled by air. It is composed of a **steel monocoque frame with four 350 mm rollers** on it.

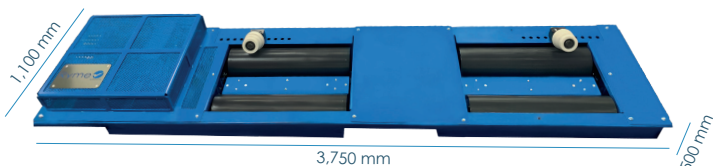
The front rollers are covered with tungsten carbide to improve the adhesion of the vehicle and to avoid rollers wear. **A high energetic absortion electric brake is included.**

Technical Data and Dimensions

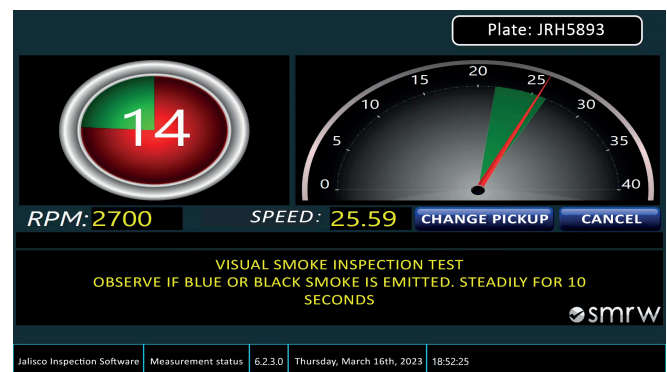
Max load per axle	4 T
Max test speed	70 km/h
Track width min / max	760 - 2,480 mm
Voltage	400 V 50 Hz
Rollers length	860 mm
Rollers diameter	218 mm
Rollers distance between axles	440 mm
Pneumatic supply	8 bar/min
Conection	RS232
Dimensions and weight	3,750 x 1,100 x 500 mm 1,900 kg



The ASM test can be done together with the gas analyzers. From Worldwide Group, **we recommend the integration with our Gas analyzer EIS-5000**, capable of carrying the test with any dynamometer bench. Consult its datasheet and options..



Software



Standard Equipment

- ✓ Dynamometer bench ASM 2WD
- ✓ Control cabinet *
- ✓ Meteorological station
- ✓ Focault brake
- ✓ Electronic control and SMRW software
- ✓ Pneumatic lifter to ease the exit of the vehicle
- ✓ Safety stops to avoid lateral exit
- ✓ Special rollers for a better adhesion

* Depending on the integration with our gas analyzers, the control cabinet changes. Consult the better option for your center with our professional team.

Optional Equipment

Optional equipment	
	Voltage stabilizer
	4x4 free rollers
	Vent for cooling
	Calibration lever for light vehicles
	30 kg Calibration lever
	End-of-line cabinet (consult)