



Up to 4 T



### Description

The **ASM emissions bench for 4WD 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 **absorption 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.

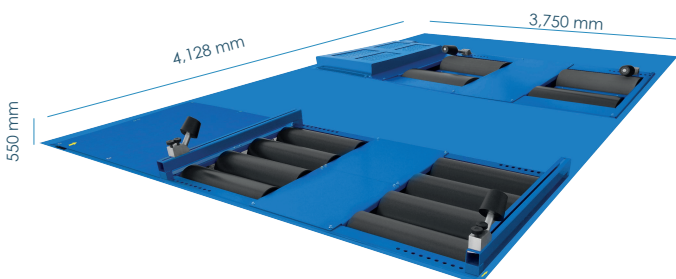
The front rollers are covered with tungsten carbide to improve the adhesion of the vehicle and to avoid rollers wear. **A high energetic absorption electric brake is included.**

### Technical Data and Dimensions

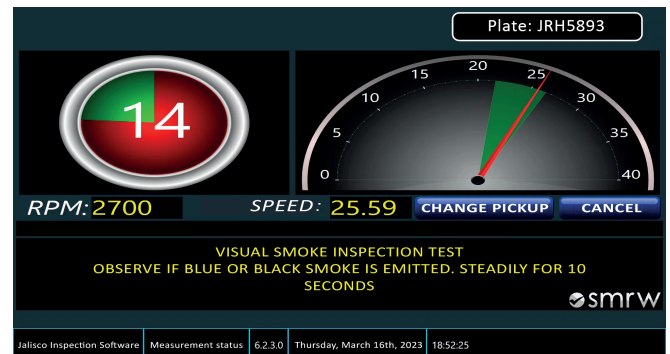
Max load per axle	4 T
Max test speed	0 - 300 km/h
Track width min / max	785 - 2,310 mm
Voltage	400 V 50 Hz
Rollers length	752 mm
Rollers external diameter	352 mm
Rollers distance between axles	498 mm
Pneumatic supply	8 bar/min
Connection	RS232
Measurement range	0.1 km/h 0.1 HP
Weigh	5,200 kg



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
- Fault 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
	Vent for cooling
	30 kg calibration lever
	End-of-line console (consult)