

# Multi-axis Free Roller

## FREE ROLLER

MODEL **AFR-211 Series**

### Easy Support for Full-time 4WD Vehicles!

Multi-axis Free Roller Can Be Used to Create a Safe and Efficient Vehicle Inspection Line, Regardless of the Size of the Wheelbase

Allowable Axle Load **3.6t**

Easy Support for 4WD Vehicles!

Regardless of the Size of the Wheelbase

#### Support for a Wide Range of Vehicle Types!

A wide range of vehicles with maximum 3.6t axis load, such as medium-sized trucks, packer, unique and specially equipped vehicles, are supported.

#### Vehicle Inspection Efficiency Is Improved

Easy support for a full-time 4WD vehicle enabled by simply driving the vehicle to the roller. Safe and speedy vehicle inspection is possible, as a complicated setup is not needed.

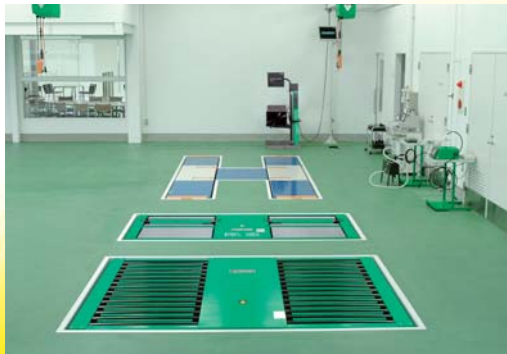
#### Compact Body

Height **250 mm**

As is the case of the space-saving design of the hybrid tester, a compact body with a 250-mm height helps save space. The installation cost can be reduced.

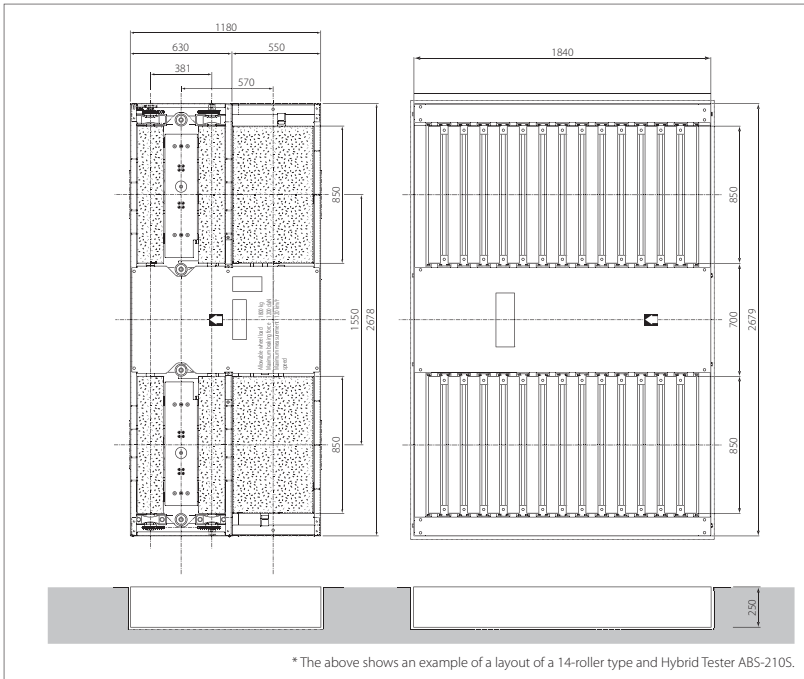


Height **250 mm**  
Thin Body

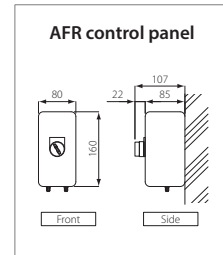
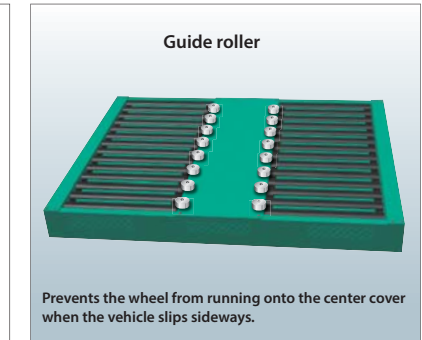


The use of the free roller with the hybrid tester integrating the side slip, brake, and speedometer makes it easy to measure 4WE vehicles! The completely flat floor surface blends well with the environment.

■ External Dimensions



■ Option



■ Specifications

Model	AFR-211 Series		
	AFR-211-10	AFR-211-12	AFR-211-14
Allowable axle load (kg)	3,600		
Effective wheelbase (mm)	950 Min1,800~Max2,750	1,200 Min1,800~Max3,000	1,400 Min1,800~Max3,200
Maximum test speed (km/h)	50 (continuous 60 seconds)		
Roller diameter and number of rollers	φ76.3 x 20 rollers (10 rollers on one side)	φ76.3 x 24 rollers (12 rollers on one side)	φ76.3 x 28 rollers (14 rollers on one side)
Roller length (mm)	850		
Roller pitch (mm)	122		
Left/right roller inner size (mm)	700		
Left/right roller outer size (mm)	2,400		
Tester dimensions (mm)	W2,679xL1,360xD250	W2,679xL1,600xD250	W2,679xL1,840xD250
Tester weight (kg)	Approx. 1,100	Approx. 1,200	Approx. 1,300
Control panel dimensions (mm)	W80xD85xH160		
Option	Guide roller, wireless remote control (which can be connected only to the digital indicator for the BS and ABS testers)		

\* It is recommended to use a front-engine front-wheel (FF) vehicle lock chain for safety.

■ Before using this product, carefully read the precautions indicated by **⚠ DANGER**, **⚠ WARNING**, and **⚠ CAUTION** in the manual supplied with this product to ensure correct use.

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