

Jules Verne Climatic Wind Tunnel

**TEST YOUR VEHICLES
AGAINST EXTREME WEATHER CONDITIONS**



For motor vehicle manufacturers, OEMs...

and develop a new generation of smart vehicles and systems,
in response to energy and environmental challenges.

Your needs, your requirements

1

TESTING, ASSESSING

performance of
vehicles subjected to different
weather events

2

IMPROVING

the design,
to make a difference
on the market

3

GUARANTEERING

users' safety
and comfort

FULL-SCALE TESTS IN REAL-LIFE WEATHER CONDITIONS

All types of aerodynamics issues and driving conditions can be studied at full scale in the Jules Verne climatic wind tunnel.

To ensure driving safety and comfort, multiple intensities of rain (from light to very heavy) and variable driving scenarios in snow are reproduced to study and assess the behavior of vehicles.

New services

The **new double-axle roller bench** now offers manufacturers the possibility of testing their vehicles, whether they are two- or four-wheel-drive, electric or hybrid, for which the simulations are optimized when all 4 wheels are turning.

A **robot driver** simplifies the testing process and improves reproducibility. An original sequence can be recorded and identically reproduce in the wind tunnel.

The comfortable new workspaces have been designed to facilitate monitoring of the studies and interaction among the project team.

MAXIMUM WIND SPEED

140 km/h

TEMPERATURE

-32°C to 55°C

MAXIMUM WEIGHT

7 TONS
PER AXLE

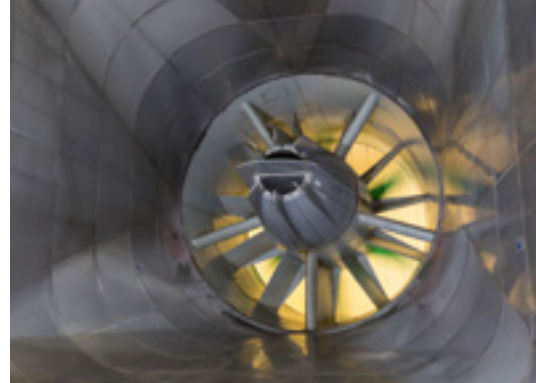
MAXIMUM DRIVING SPEED

250 km/h



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WHY CHOOSE US?

A wide range of tests, all conducted in one place

The Jules Verne wind tunnel can reproduce all types of weather conditions, even extreme.

Synergy between experimental and digital approaches,

for optimal accuracy and real-time appropriation of the results.

Renowned climatological expertise for more than 25 years

Implementation, ability to develop customized protocols, etc.

GOT A QUESTION ABOUT THE JULES VERNE CLIMATIC WIND TUNNEL? ASK US!

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