## Product purpose

## Hydrodynamic contact patch picture

Usable with C1, C2 or C3 tires.

Delivery of very high accuracy picture of the contact area.

#### Contact patch measurement

Contact area characterization: surface, lenght, width etc.

### Footprint analysis

Analysis of the footprint: overall, zones or blocks.

Optimization of tread pattern functionning (block, groove, chanels).

Service - Dufournier analysis and report on demand.

# Strengths

### High accuracy

Improve accuracy with the use of a prism (option) deliverable by Dufournier.

### Water flow calculation

Flow of water is calculated based on the speed and water depth.

#### Dynamic measurement

Works in constant speed, acceleration or braking.

Delivery of warning if tire is out of the measurement area

#### Several tire propulsion ways

Operates in a very wide range of speeds.

Tire could be propelled by a car or by a self-propelled carriage (supply possible by Dufournier).

#### Turnkey system

HMS can be integrated in existing configuration, but also available turnkey with: watering system, synchronization system, analysis software,

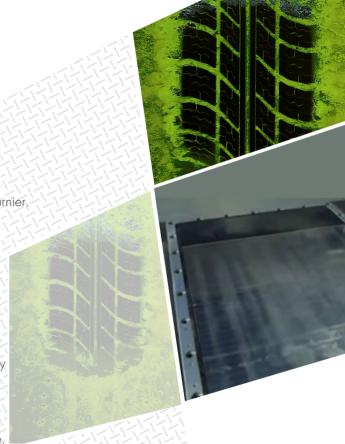
self-propelled carriage (more information on request).

Tire knowledge improvement.

#### Our customers

Tire manufacturers, car makers, automotive suppliers Testing centers, vehicle dynamics engineering companies

Better understand tire to develop and improve it.





distributes dufutionie

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