

Skid Trailer

Labelling, Tire Model & Characterisation

Product definition

Labelling

- Rolling Resistance standard tests
ISO 28580-SAE J1269
- Grip standard tests
CEN/TC 227WG 5
SAE J345A
ASTM E274, ASTM F408, ASTM E2337
UNECE R117 (228/2011)

Tire model

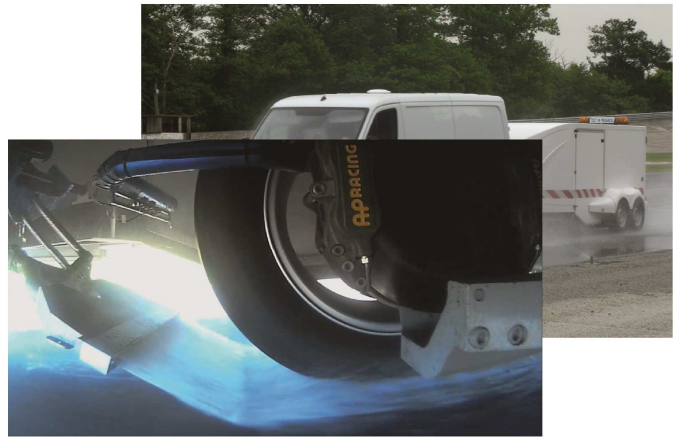
Skid trailer generates database for the most used tire models: MF Tire (Pacejka), F-Tire, DT 2/3, ...

Skid trailer allows measurements for C1 & C2 measurements

Tire diameter up to 1100 mm
Wheel diameter from 13 to 22 inches

Skid trailer specifications:

Load: from 0 to 22 000 N
Transverse drift range: from -20° to $+20^{\circ}$
Camber range: from -7° to $+7^{\circ}$
Longitudinal sleep from 0 to 100% (regulated)



Strengths

Each measurement parameter (load, camber, drift, pressure) can be changed while running
High accuracy 6 components force & moment sensor (1% fs)
Costs (investment, running and maintenance costs)

Basics

Tire measurement on real ground
Tire force & moment characterisation
Tire rolling resistance characterisation

Our customers

Tire manufacturer
Vehicle manufacturer
Proving ground
Road maker

Measurements in **real conditions**. **Cost efficient**: restrained investment, low maintenance & running costs, **industrial measurements with lab quality**

Dufournier Technologies
32, Rue de l'Ambène 63200 RIOM FRANCE
Phone : (+33) 4 73 63 07 08 Fax : (+33) 4 73 63 07 09
Email : contact@dufournier-technologies.com

dufournier
TECHNOLOGIES