

Wind Tunnel

General specifications

- Open circuit low speed wind tunnel, 50m total length
- Maximum wind speed 30m/s or 108km/h
- Testing section 2,5m x 2,5m x 6,5m
- Designed for high level of laminar flow, to enable accurate and repeatable results
- Possibility to shield test platform for confidentiality reasons.
- Designed for cyclists (Showers, lounge and sports-restaurant present)
- Independent and open for anyone

Advanced testing options

- Balance measuring system to determine weight and drag forces up to 0,1N
- Realistic rear wheel loading capabilities
- Real-time visual feedback on drag forces for cyclists
 - 3D dynamic bikefitting system present to visualize asymmetry in motion
- Hi-tech Particle Image Velocimetry (PIV) system installed to visualize velocity and direction of the air particles

Aerodynamic optimization Offering

Basic Aero Fit

Frontal Surface
Optimization

Duration: **0,5h**

125€
(excl VAT)

Standard Aero Fit

State-of-the-art wind
tunnel testing
Drag force optimization
Duration: **1h**

500€
(excl VAT)

Premium Pro Aero Fit

Premium Bike-Fit, workshop
Extensive Wind tunnel testing
Track testing
Duration: **3 days**

6000€
(excl VAT)

Aero Workshop

(Customizable) workshop on Aerodynamics and sports engineering
75€ /pers or custom

More info on www.flandersbikevalley.be/windtunnel

Contact info

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