



# Team Presentation

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+144 km/h

**Maximum speed over 144 km/h,  
on a bicycle?**

- Only with human power?
- On a flat race track?
- Without slipstream?
- Unbelievable?



**Maybe for you – not for us!**

HPT?

## The **H**uman **P**ower **T**eam

We want to push the records of human powered vehicles to the limits. More specifically we are aiming at the 200 meter flying start (battle mountain record) and the 1 hour standing start record for female and male riders.

Our bike is a fully faired recumbent bike prototype made out of lightweight and stiff carbon fibres.



**Our team is subjected to the restrictions of the WADA (world anti-doping agency).**

# TEAM



## Hans van Vugt - Head of Human Power-Team

- Designer of Velo XS
- Organisation of events
- Pushing the bike performance to the limit

## Ellen van Vugt - Rider of the Human Power-Team

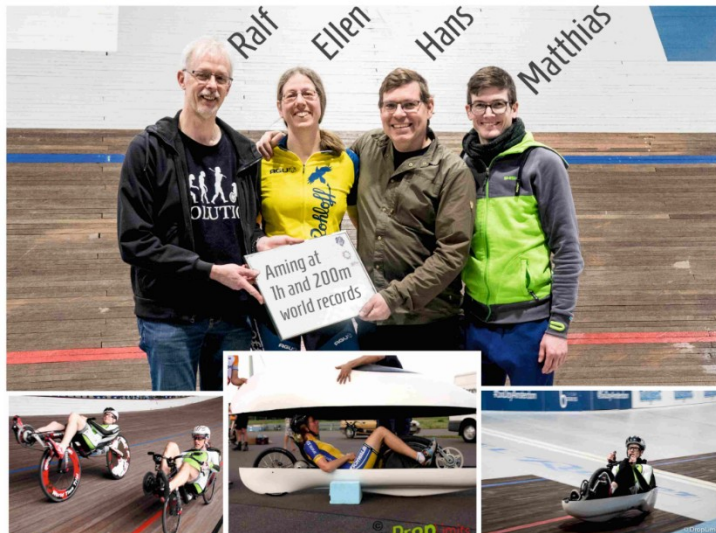
- Participating in recumbent races since 2000
- World & European champion
- Winning BeND race series from 2002 to 2005
- Setting up first world record in 2004

## Matthias König - Rider of the Human Power Team

- Participating in recumbent races since 2004
- 3 times World champion in unfaired category
- Setting up first world record in 2013
- Organisation committee of BeND race series

## Ralf Golanowsky - Public Relations

- Participating in recumbent races since 2001
- Winning partly faired category of DLC and BeND
- Organisation committee of BeND race series



# RESULTS

Ellen  
van Vugt



World record **6h** fully faired (IHPVA) **67.3 km/h** (*404.04 km*) 2015

Dutch record **1h** fully faired **80.5 km/h** 2015

World record **6h** fully faired (IHPVA) **56.4 km/h** (*338.7 km*) 2010

World record **6h** fully faired (IHPVA) **50.2 km/h** (*301.0 km*) 2009

World record **200m** unfaired (WRRRA) **54.042 km/h** (*13.322 s*) 2009

World record **1000m** unfaired (WRRRA) **45.013 km/h** (*1:19.97 min*) 2008

World record **1h** fully faired (IHPVA) **68.97 km/h** 2004

# RESULTS

## Matthias König



World record **1h** unfaired (WRRRA) **57.637 km/h** 2016

World record **1h** unfaired (WRRRA) **56.185 km/h** 2016

World record **6h** multitrack & fullyfaired (IHPVA) **62.9 km/h** 2016

World record **6h** multitrack (IHPVA) **61.97 km/h** 2015

World record **100 miles** unfaired recumbent (WRRRA) **46.67 km/h** 2014

World record **6h** multitrack (IHPVA) **60.74 km/h** 2013

*German record 200 meter fullyfaired flying start (IHPVA) **127 km/h** 2018*



# GOALS 2018 2021



## 2018

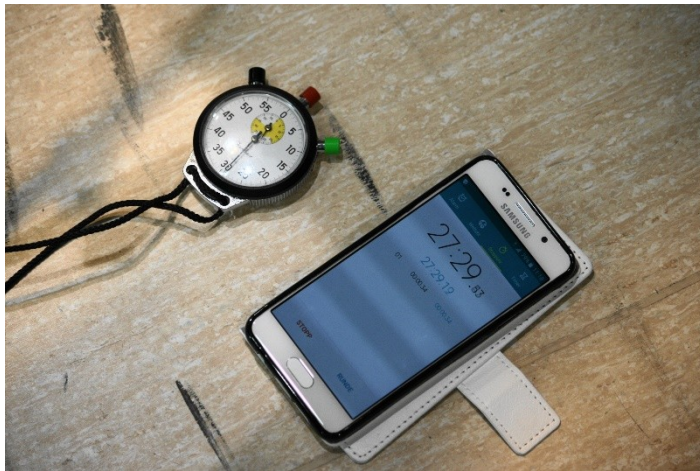
- 200 m flying start test runs during the speed weeks in Battle Mountain – Nevada (+126 km/h german men's record).

## 2019

- Developing and building of a new camera-assisted recumbent bike based on the former Velox XS to improve the efficiency of the bike.
- 200 m flying start during the speed weeks in Battle Mountain – Nevada  
+134 km/h european men's record  
+121.81 km/h world women's record

## 2020-21

- 200 m record attempt during speed weeks in Battle Mountain – Nevada  
(+144.17 km/h world men's record)
- 1h record attempt  
+93 km/h world men's record  
+84 km/h world women's record



# MEDIA

We regularly publish our successes in the local and Germany-wide newspapers. Besides the news are also widespread in the social media. Our team is well connected with recumbent riders all over the world.

For more information about have a look at

[www.humanpowerteam.com](http://www.humanpowerteam.com)

Almost all record attempts using recumbents are summarized on this homepage.

[www.droplimits.com](http://www.droplimits.com)

Fabel-Weltrekord auf Radrennbahn in Frankfurt/Oder

## 57,6 km/h! Matthias König knackt jahrzehntealten Stundenrekord von Chris Boardman

Teilen

★★★★★ 6



Matthias König auf der Radrennbahn in Frankfurt/Oder

www.droplimits.com

Sonntag, 18.09.2016, 19:16

Dem Radsport-Amateur Matthias König ist in Frankfurt/Oder ein Fabelrekord über eine Stunde gelungen: Der Doktorand aus Osnabrück fuhr mit einem Spezialrad einen Schnitt von 57,6 km/h. Damit hat er sogar den 20 Jahre alten inoffiziellen Weltrekord des britischen Rennradprofis Chris Boardman gebrochen.

Source: Focus Online



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# SUPPORTER



Main Sponsor

## Support Team



Sports Club



Recumbent Race Team



Organizational Development



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Droplimits Network



Wheels



CFK Technology