



Company

Vector is an engineering office founded in 2013, specialised in the mechanical engineering of prototypes. We operate in the aircraft, automotive and motorsports industry. Our emphasis is on drivetrain design and hydraulics, however with our experienced team we certainly don't limit ourselves to these areas. We can offer anything from simple CAD support, up to the design, assembly and testing of fully functional systems.

Our main objective is to operate as a flexible unit and deliver inventive, client based solutions.

Our people

Remco Leenen (1972)

bachelor degree mechanical engineering

Over 15 year experience in the automotive, aircraft and F1 industry and extensive experience in transmission, hydraulics, shock absorber and engine design.

Paul Meerts (1972)

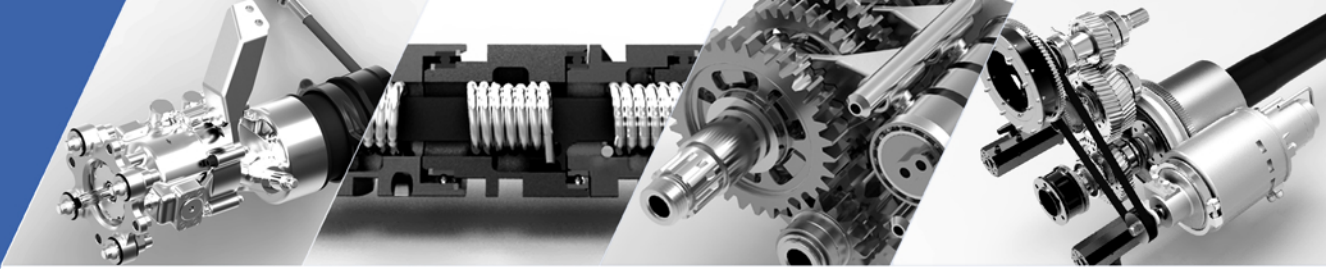
bachelor degree mechanical engineering

Over 15 year experience in mechanical design and project management.

Tomas Tienstra (1986)

master degree mechanical engineering/ bachelor degree automotive engineering

Specialised in simulation and FEA calculations.



Sander van den Aardweg (1996)

bachelor degree automotive engineering

Our youngest employee. Passionate about motorsports, experience in Formula 3 and since 2018 working for us as a mechanical design engineer.

Aren ten Hoven (1992)

General mechanical engineering and our specialist for 3D-printing technology.

Software knowledge

Our engineers are familiar with the latest software, and have specific experience with the following programs:

- CAD:

- > Catia V5
- > Unigraphics NX
- > Creo
- > SolidWorks
- > Geomagic Design

- FEA:

- > Ansys v13
- > FEA modules CATIA, Unigraphics, ProE and GeomagicDesign
- > SimScale

- MS Office

- Simulation:

- > Matlab
- > AMESim

Competencies

Our competencies include:

- CAD design
- FEA
- Simulation
- FMEA
- Casting design
- 3D printing design



Recent projects

- > Design drive train for airship
- > Development shift mechanism DCT-transmission
- > Development seamless shift transmission
- > Development hydraulic system LMP1
- > Design engine installation for dyno
- > Development tilt system 3 wheeled vehicle
- > Chassis design for wheeled vehicle
- > CVE hyd systems & powerplant for aircraft application
- > Development Brake-by-Wire unit for Formula E

Contact

Although the design and manufacturing of prototypes is our key strength, we recognise that this is often the first step on a journey towards mass production or further development work. Our services therefore include intensive support during assembly, start-up and the testprocess of the prototype. We are ready to handle any part of the designing process, whether it's a bit of CAD work or a comprehensive design that's needed.

If you feel Vecter can be of any benefit to your company, feel free to contact us any time.