



DEVELOPMENT & PRODUCTION OF
AUTOMOTIVE TRANSMISSIONS AND
SUBSYSTEMS FOR CONVENTIONAL,
HYBRID & BEV VEHICLES



**HIGH-PERFORMANCE
& FUN-2-DRIVE**

Electronics
& Software

Mechatronics

Functional
Safety

Mechanics

Prototyping &
Testing Facilities

Customer-First
Attitude

Passion for
Performance

KEY BENEFITS

Focus on Low
to Medium Volume

Turnkey
Projects

Reference Projects

- TREMEC TR-9070: Ford Mustang GT500
- TREMEC TR-9080: Maserati MC20, Corvette Z06

Products in Development

- TREMEC HYDRA: Hybrid performance torque vectoring eAxle
- TREMEC EDU: BEV performance eAxle

TREMEC Quick Facts

- Founded in 1964
- Over 2,400 employees
- \$500M turnover

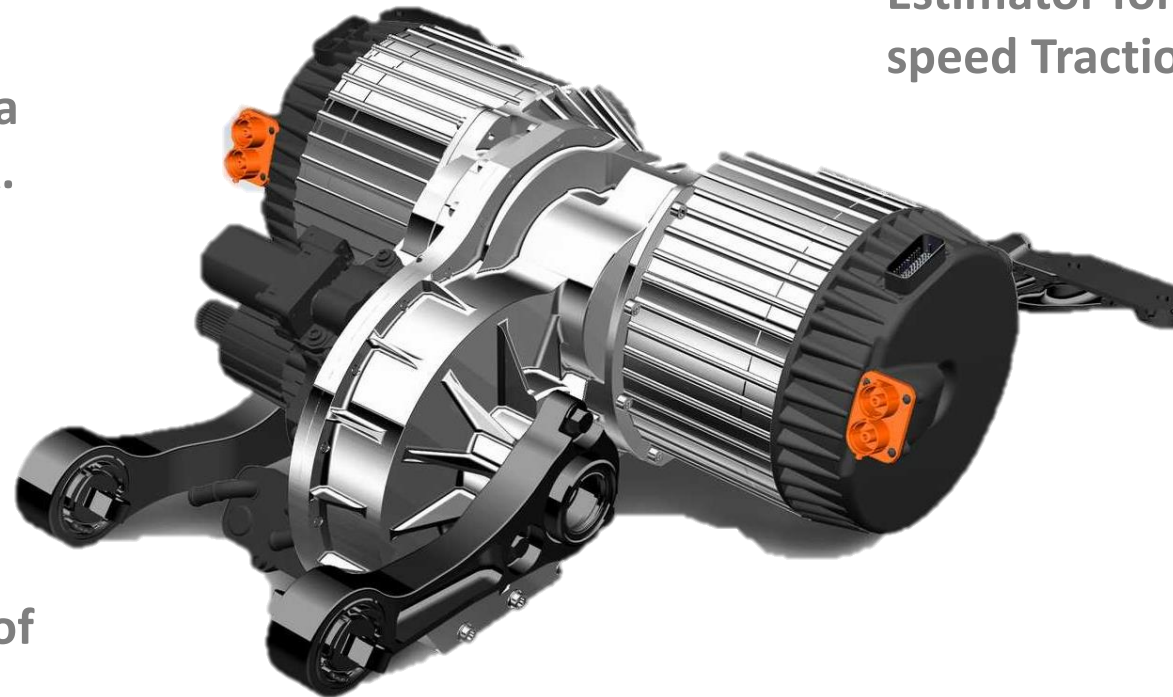
Three Global Locations

- Querétaro, MEX
- Wixom, USA
- Zedelgem, BEL

Theses @ **TREMEC** Zedelgem: High performance electric vehicles development

Hydraulic smart pump for a high-performance gearbox.

Physical-Based Modelling of Electric Drive Unit (EDU)



Speed and Position Estimator for high-speed Traction Inverter

Vehicle Dynamics modelling of Electric Vehicles

Tolerance Variation Analysis Optimization for high performance powertrain

Disclaimer: this is not a TREMEC EDU (yet)

Wij zoeken thesis studenten:

- Elektromechanica
- Elektronica-ICT

Met een neus voor:

- Hands-on werken
- Simulaties
- Tastbare resultaten

- Sportwagens!

