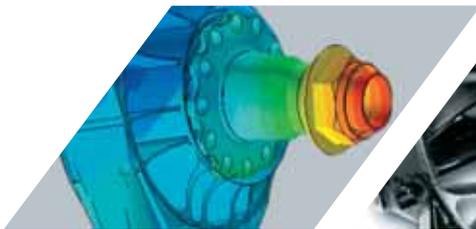


Pankl Drivetrain Systems

**pankl**  
R A C I N G





**ENGINEERING/  
DESIGN**



**PRODUCTS**



**TESTING/  
DEVELOPMENT**



## DRIVETRAIN SYSTEMS

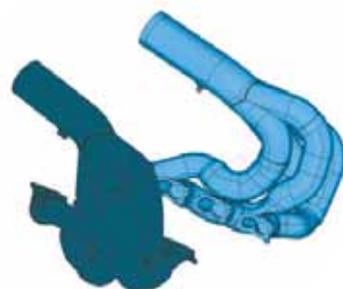
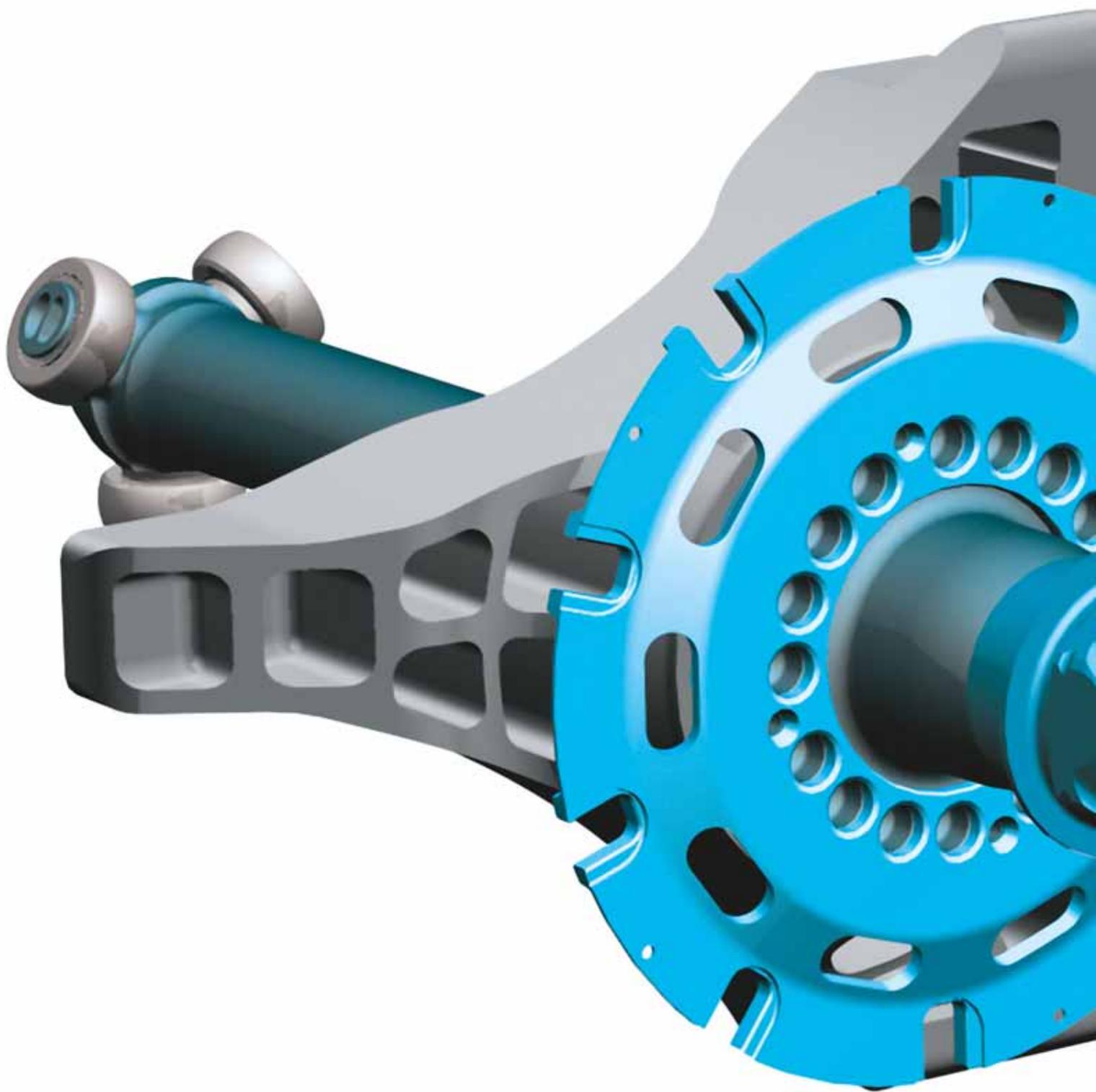
# Ultimate Perfection

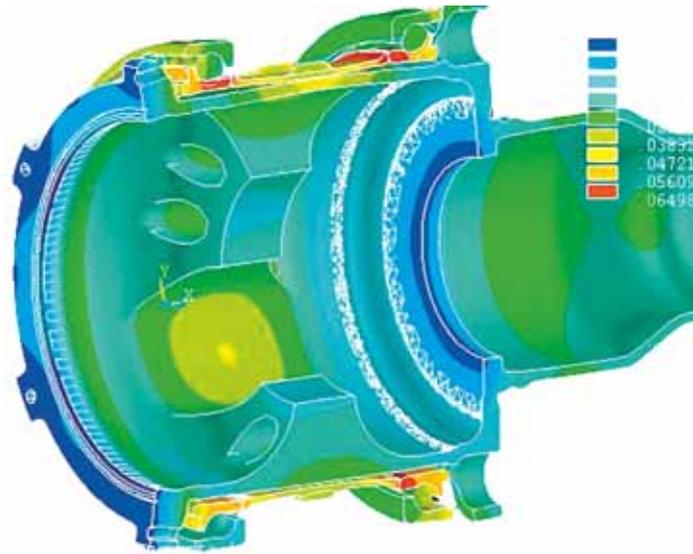
Pankl Drivetrain Systems is a major global player in the challenging market of motorsports and exclusive high performance vehicles.

The racing business faces challenges every day and our team meets these challenges with enthusiasm and passion.

Pankl is known and appreciated for competence in design, development and manufacturing of lightweight components that are designed to operate under extreme conditions. Our strength is to offer all our customers a comprehensive package of sophisticated products and extensive support. In-house R&D, engineering, production and testing departments are available for product development.

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## ENGINEERING / DESIGN

# Comprehensive Innovation

Pankl Drivetrain Systems specialises in developing, designing, manufacturing and testing of drivetrain components. Fabricated components are produced by our UK subsidiary, putting Pankl Drivetrain Systems in the unique position of being able to supply complete drivetrain and suspension packages.

Many years of motorsports experience allow us to use our knowledge to design everything from single part components to complete drivetrain assemblies in all motor racing categories.

Pankl uses only high-quality materials, such as aerospace steel, titanium, aluminium as well as MMC (metal matrix composite).

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## PRODUCTS

# Unbeatable Precision

Our portfolio consists of individual components and assemblies; beyond that, we offer our customers complete solutions such as drivetrain or suspension systems.

**Pankl Drivetrain Systems' key products are:**

Driveshaft assemblies, tripod and CV Joints, integrated (one piece) or conventional splined connection driveshaft components, wheel hubs with and without integral tracks, uprights (fabricated and machined), gears, gearbox output housings, prop shafts (steel, MMC, carbon fibre, titanium), wishbones, brackets, complex machined components.

Pankl Drivetrain Systems UK produces complete exhaust systems out of stainless steel, inconel and titanium for all racing categories.

We offer our customers the latest in design and technology which includes digital replication of existing exhaust systems.





DRIVESHAFT



WHEEL HUB



TRIPOD



PROP SHAFT



FULLY MACHINED UPRIGHT



FABRICATED UPRIGHT



GEAR UNITS



OUTPUT FLANGE



WHEEL HUB



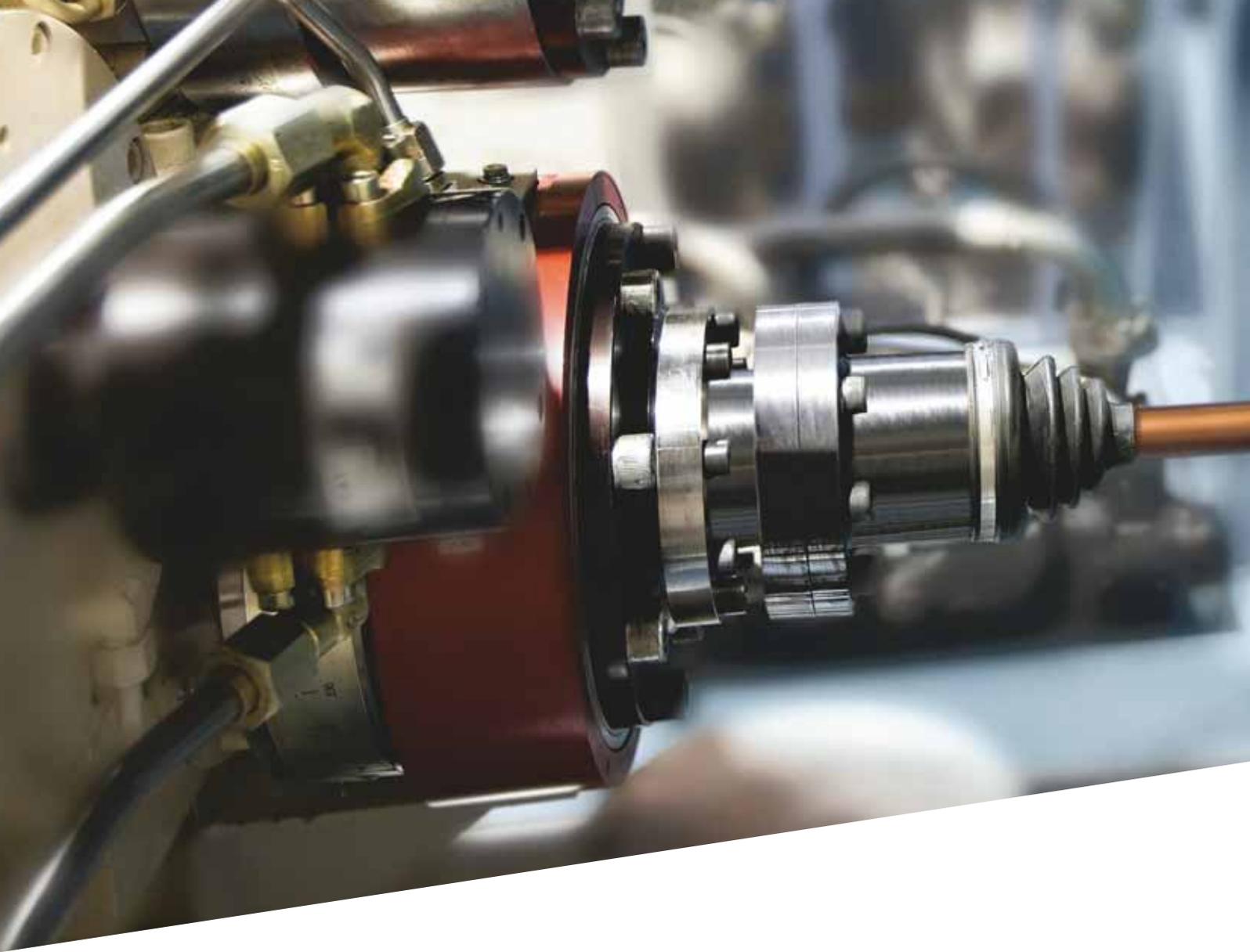
WHEEL NUT



FRAME



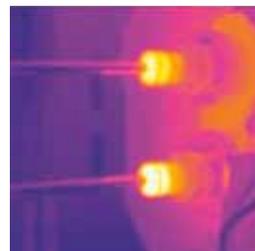
WISHBONE



## TESTING / DEVELOPMENT

# Advancing Performance

The whole range of development steps such as design, FEA and testing, is done in-house. In addition we have a unique drivetrain test rig that can replicate real time torque, suspension and steering conditions. This allows components to be validated in conditions ranging from the high speed driveshaft requirements of F1 to the extensive suspension and steering movements associated with Rallye or Rallye Raid.



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# ***pankl*** RACING SYSTEMS

## PANKL RACING

## PANKL HIGH PERFORMANCE

## PANKL AEROSPACE

### ENGINE



Pankl Engine Systems specialises in developing, designing, manufacturing and testing crank mechanisms, pistons, pins, conrods and crankshafts for racing engines.

[engine@pankl.com](mailto:engine@pankl.com)

### DRIVETRAIN



Pankl Drivetrain Systems specialises in developing, designing, manufacturing and testing drivetrain components and offers its customers complete drivetrain and suspension systems.

[drivetrain@pankl.com](mailto:drivetrain@pankl.com)

### HIGH PERFORMANCE



Pankl develops and manufactures drivetrain and engine components for exclusive vehicles, engine parts for the aftermarket as well as high performance aluminium forged parts.

[highperformance@pankl.com](mailto:highperformance@pankl.com)

### AEROSPACE



Pankl Aerospace serves the global aerospace market as a Tier One Supplier for drivetrain components, refuelling tubes and landing gear components for helicopters and fixed wing aircraft.

[aerospace@pankl.com](mailto:aerospace@pankl.com)



## PANKL WORLDWIDE

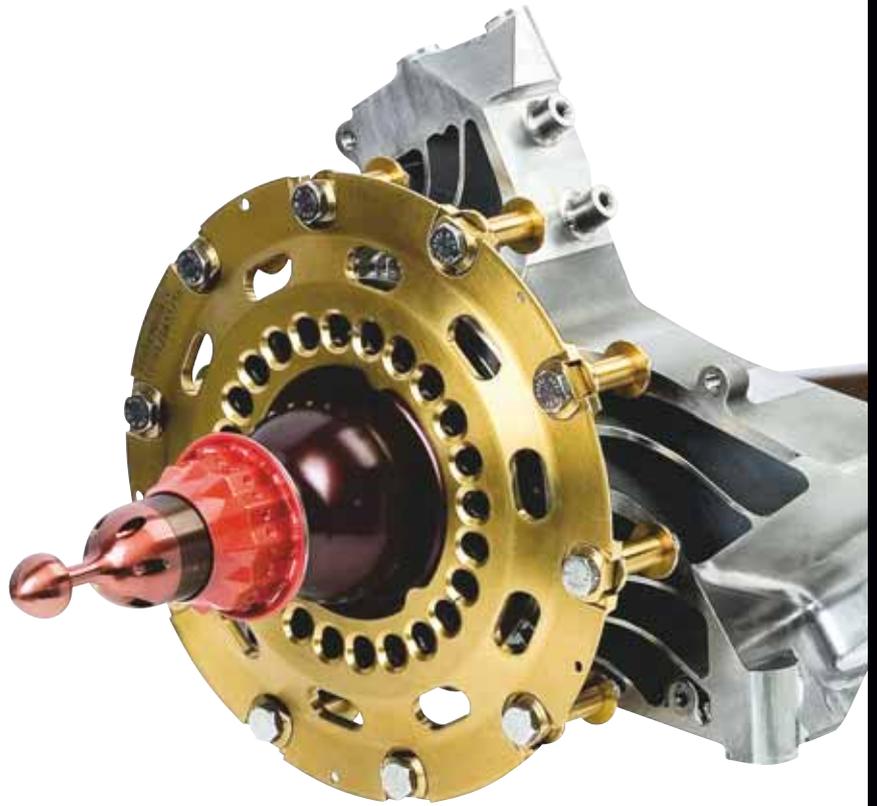
# World of Perfection

Pankl Racing Systems, based in Bruck/Mur, Austria, specialises in developing and manufacturing engine and drivetrain components for racing cars, high performance vehicles and the aerospace industry.

Pankl scores with lightweight components made from high-grade innovative materials designed to withstand extreme mechanical stress.

Pankl is a global niche player with worldwide subsidiaries in Austria, UK, USA, Slovakia and Japan.

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