

DBM Technologies

Motorsport Heat Shield Expert + 20 years Experience



Company overview

Company created in 2004 by :

- Dominique Bahuon, 35+ years experience in heat protection industry.
- Alain Mounier, experiences in business units mangement : Schneider-Electric, Thomson, etc.

Company was taken over in 2019 by :

- Nicolas Barette, General Manager since 2019. 15+ years experience in industry : AML Systems, Bridgestone East & Africa, Valeo
- Laurent Etienne, Technical Director, 20+ years experience in industry. Asthéo (special machinery), Devillé SA (automotive supplier)

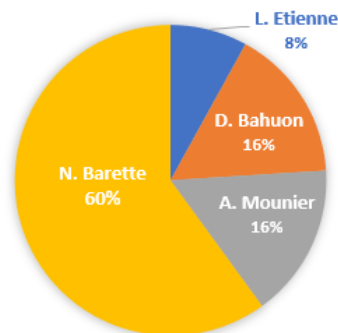
Business



Thermal insulation / protection

Fire protection

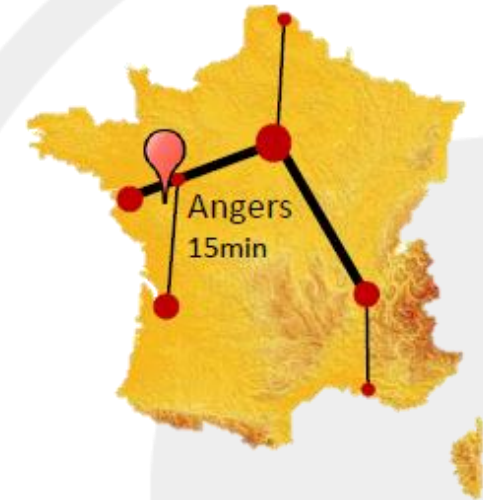
Limited shareholding



Location



Z.A. du Bon René, Chanzeaux
49750 Chemillé en Anjou
France



Head office, R&D and production sites



1100 sqm



1100 sqm

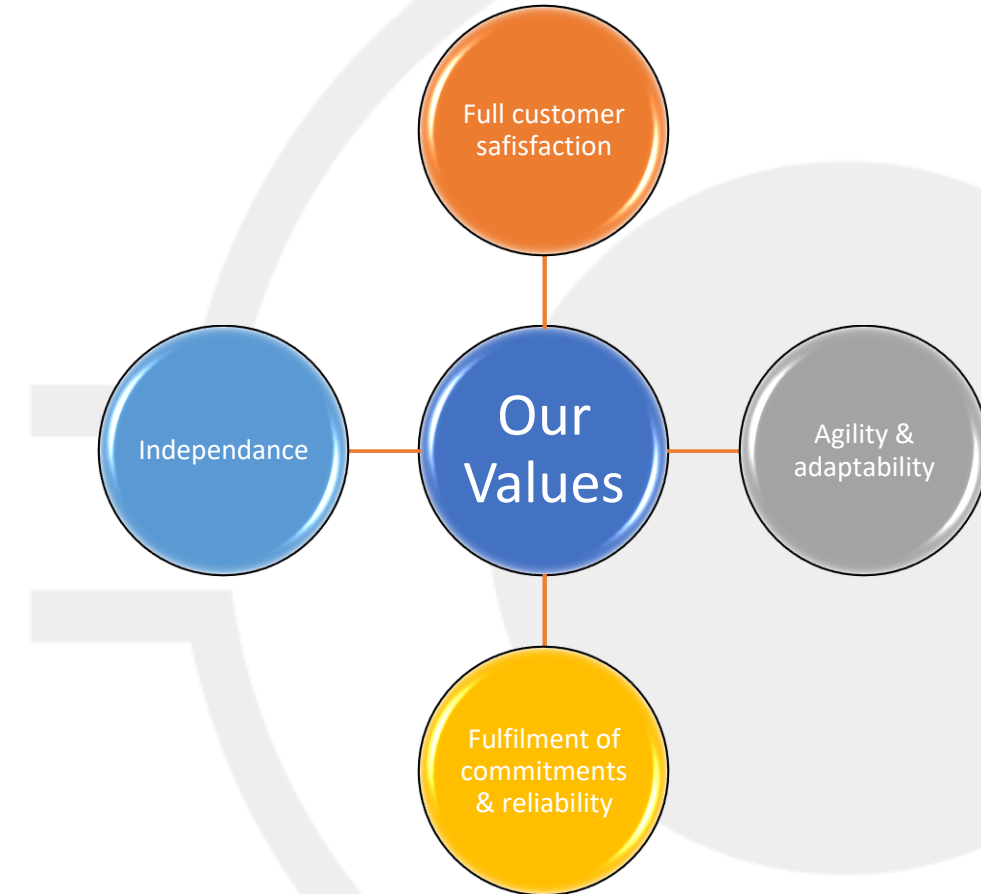
Our values

Full customer satisfaction

Agility and adaptability

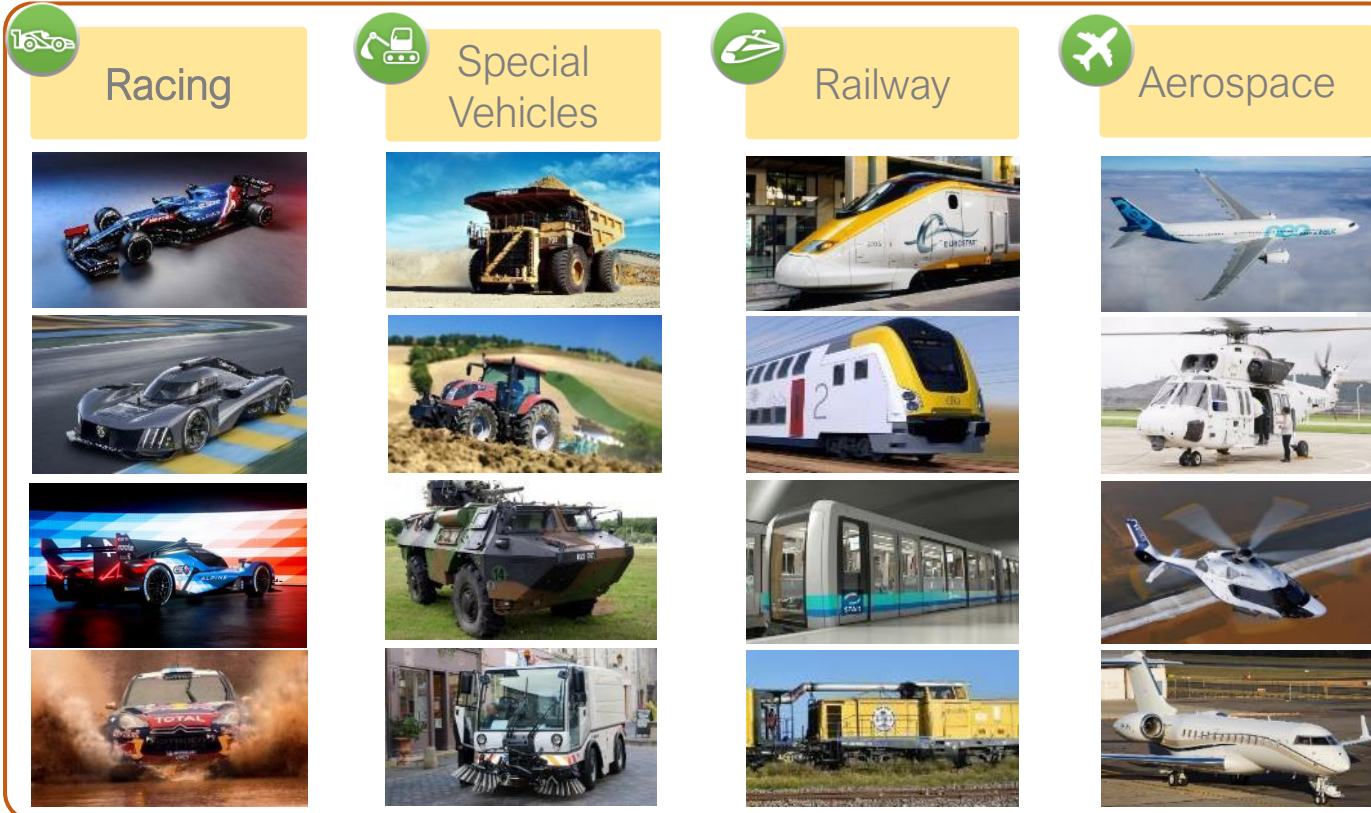
Fulfilment of our commitments, reliability

Independance



Our markets Motorsport and Aerospace

Transports



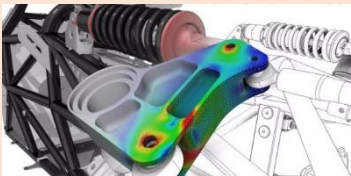
Industrial sectors



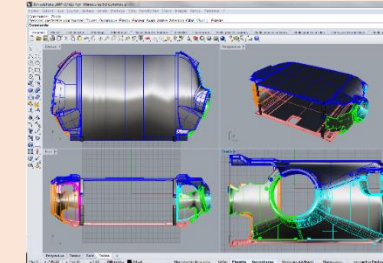
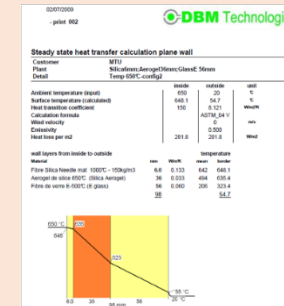
Design & Innovation



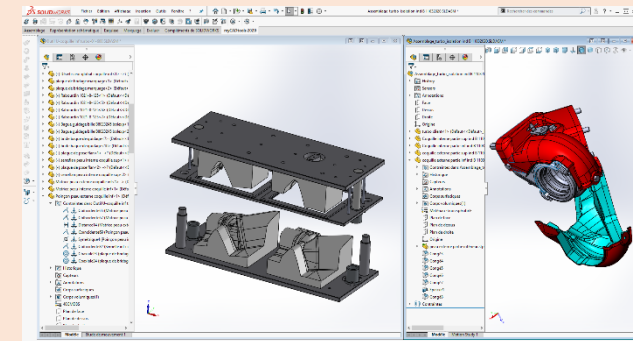
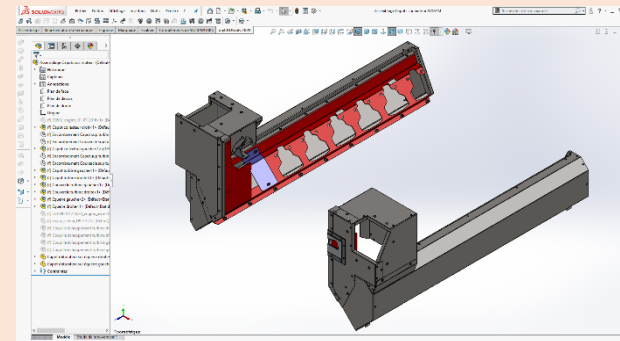
R&D, design &
development



Thermal simulation & tests



3D CAD (Solidworks & Rhinoceros)

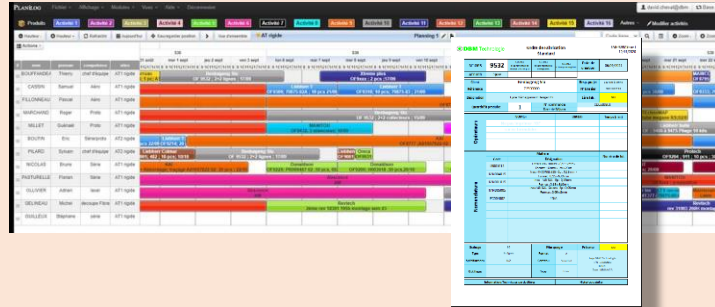


Production

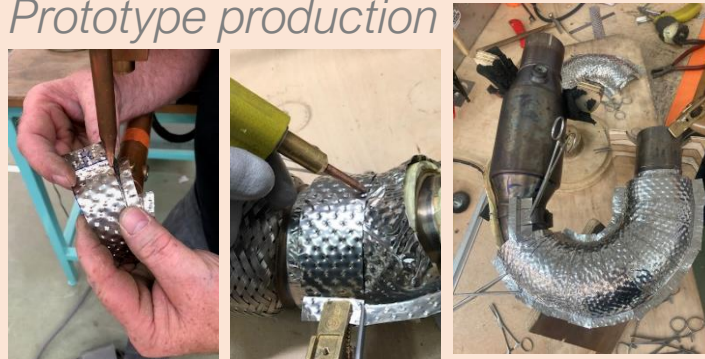
Flexible & rigid product production processes



Production planning

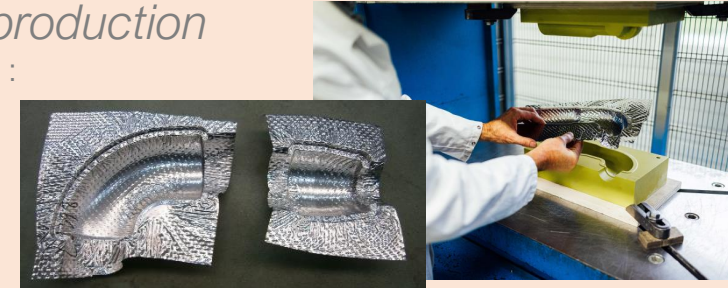


Prototype production

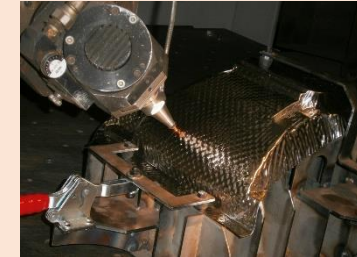


Serial production

Shell stamping :



Edge cutting process :



Assembly :

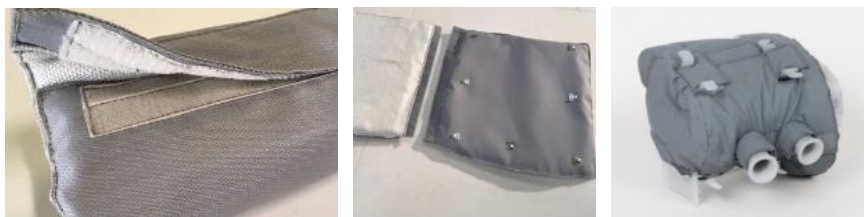


Our racing products soft & rigid



Soft & flexible

Detachable



Rigid & Cladding

Detachable

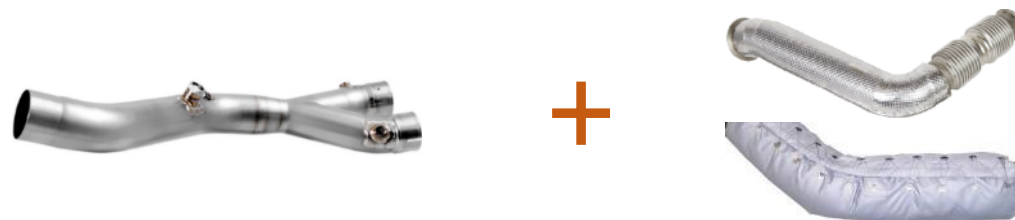


Integrated on the part



Exhaust pipes + heat shields

Full solution : heat shield (integrated or detachable) mounted on exhaust pipe



Transport & management cost optimized

Rigid insulations



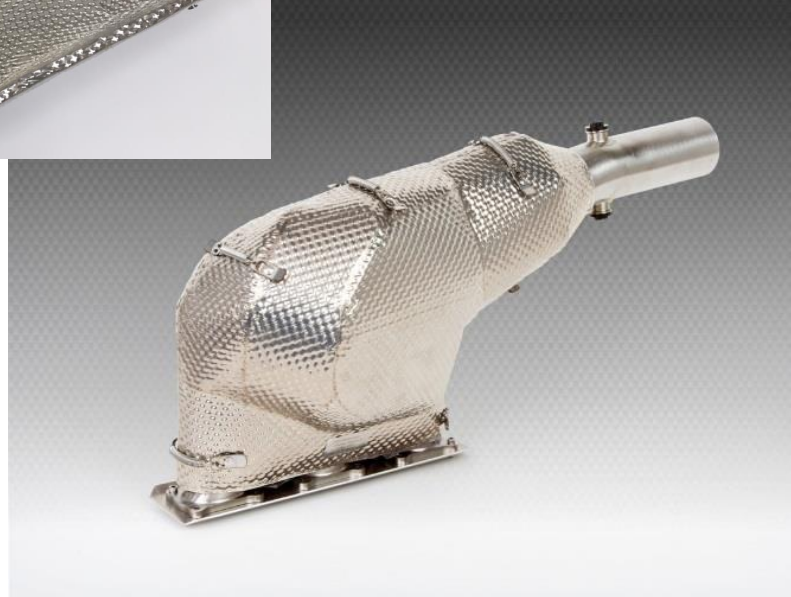
1100°C

600°C



Racing applications

Removable insulation for exhaust manifold



1100°C

600°C



Racing applications

Integrate insulation for exhaust manifold



1100°C
600°C



Racing applications

Integrate insulation for turbo

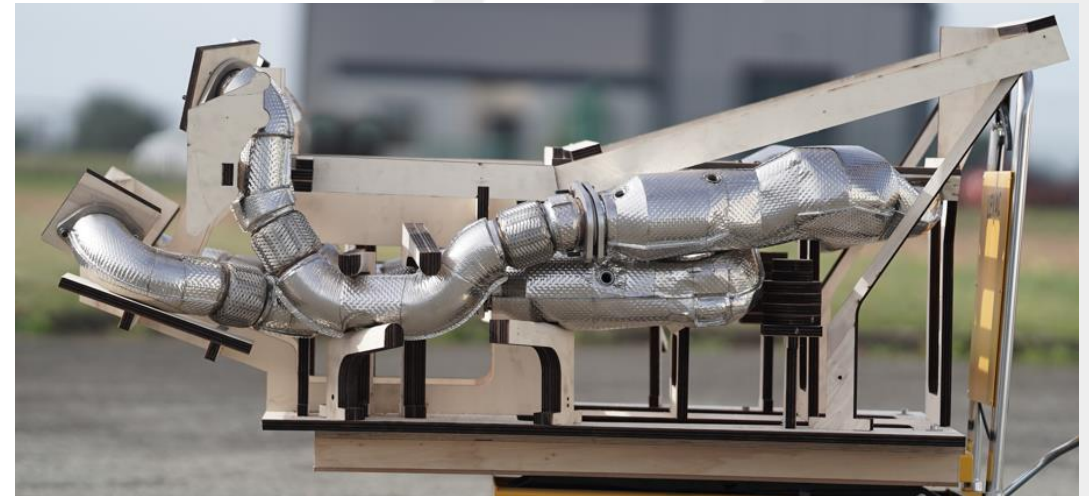
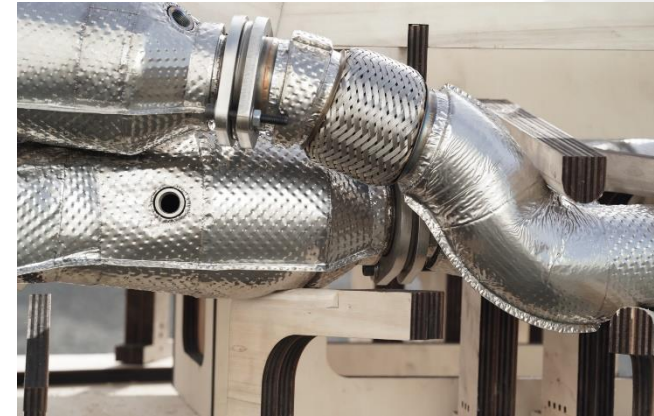


Racing applications

Vehicle thermal improvment

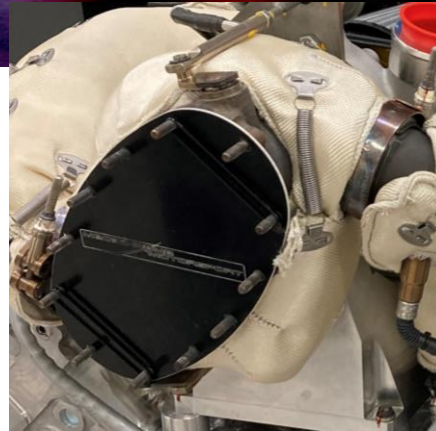


Full exhaust line applications



WEC Thermal Protections

- V6 Manifold
- Turbo blanket
- Tail Pipe



1100°C

800°C

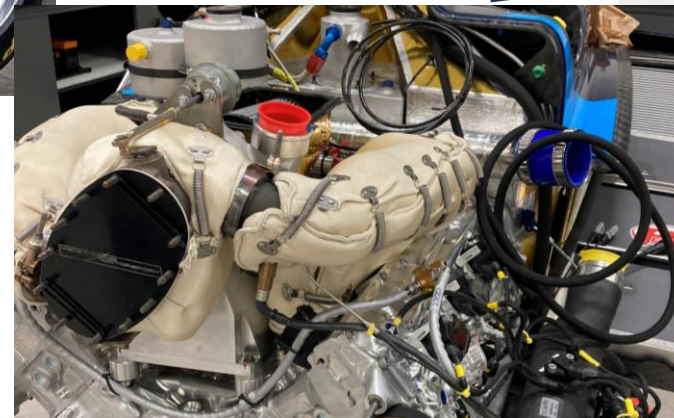
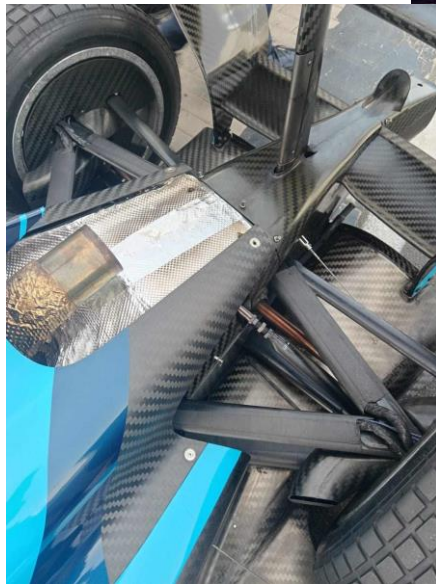


F2, F3 FIA 2025

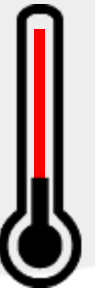
- Thermal Blankets for V6 exhaust manifold
- Turbo protection, Tail Pipe
- Gearbox cover carbon metal protection
- V6 Turbo Engine

Inconel mesh inside to prevent from wearing !

Inconel mesh inside and high temperature fabric outside, Attachment with brackets and springs



1100°C



Racing Bed Test

Thermal Protections : shells and soft blankets



1300°C

200°C



Our strengths



Reactivity

Fast decision procedures
Internal tooling production
Quick proto/serial launches
Efficient & reliable equipment



Supply Chain Reliability

On Time Deliveries >99%
Load/Capacity Analysis



Top Level Quality

ISO9001 & EN9100 certifications
Dedicated Quality Engineer
QRQC & 8D analysis
Quality rate >99%

Top Level Quality



- ✓ Certified
ISO9001
EN9100
- ✓ Certified to Liebherr Aerospace requirements
- ✓ Member of SPACE Continuous Improvement program
- ✓ Welding certifications
AWS D17.2 (applicable for NADCAP)
ISO14732
NF L 06-385
- ✓ Fire
FAR 25,856(a) (aerospace)
EN45545 possible (rail)



Equipment

2 stamping presses 100T

Capacity 1000X500mm & 1100X600

Folding press

Capacity 2500mm

25 spot welding machines

Certified operators and equipment AWS D17.2 & ISO14732

Vaccum system for thin fiber particles

Comfort & safety ensured

Laser cutting machine – 2 axis

Cutting surface 2500x1250

Laser cutting machine – 2 axis

Cutting surface 900x900x340

Roller welding machines

Equipment certification possible for AWS D17.2 & ISO14732

10+ sewing machines for soft blankets



Latest Investments

6 axis Laser cutting machine

Improve quality & cycle time

Dimension 1270x1270x340mm (2 axis)

Dimension 900x900x340mm (5 axis)

Multi-material cutting capabilities

Stainless steel

Titanium

Aluminium



Latest Investments



3D printed machine

Improves capacity and versatility
Possibility to produce quick tooling & production means
Supports innovations

Capacity 600x600x600mm

Latest Investments 2022

Automatic Cutter for insulation materials and fabrics

Quality & cycle time improved
Raw material waste reduced

Dimension 3000x2000mm

Multi-material cutting capabilities

Fiber mats

Fabrics

Material marking



Our customers

-  Liebherr Aerospace
Korean Aerospace Industries
Airbus
Senior Calorstat
-  Stellantis (Peugeot Sport, WEC)
Alpine F1 Team
Alpine Signatech (WEC, Rallye)
M-Sport UK
Hyundai Motorsport GmbH
Mecachrome Motorsport



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