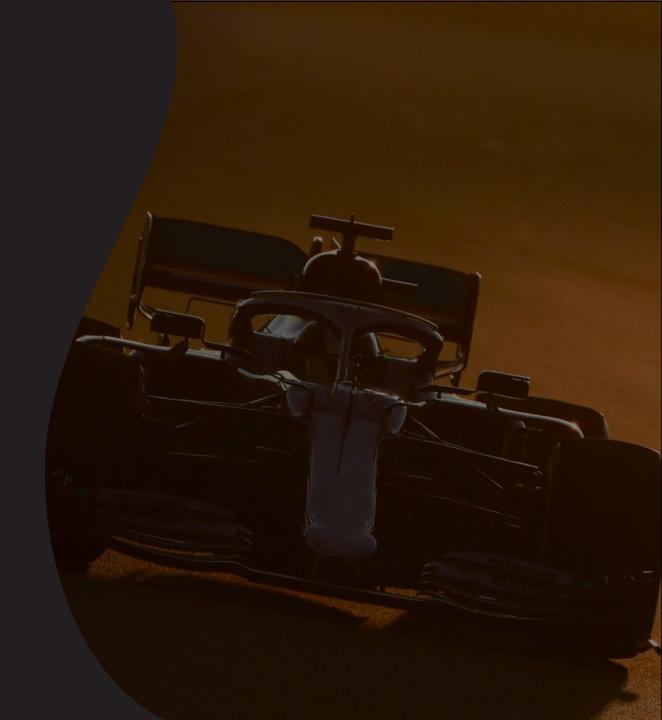


Performance. Precision. Pride.





### Who we are

#### THE COMPLETE MANUFACTURING PARTNER

- Retrac Group Ltd is a world-class supplier to the largest global manufacturers in Formula One™, Motorsport, Automotive, Aerospace, Defence, Marine and R&D / Innovation
- Retrac provides its established blue-chip client base with Awardwinning engineering solutions in advanced materials, tooling and component manufacture
- Across its two divisions, Retrac Productions and Retrac Composites, the Group offers the complete engineering partnership and forms an extension of our clients' manufacturing capabilities
- With a 50-year history of innovation and manufacturing excellence, Retrac Group has been a key supplier to every Formula One ™ World Champion for the past decade









### What we do

#### HIGH PRECISION ENGINEERING EXCELLENCE

- We are a market leader in specialised design and manufacturing, offering an end-to-end service with expertise across all composite materials and metals
- Retrac Group's outstanding reputation has been forged from our headquarters in Swindon, UK, where our 175-strong workforce operate in a 50,000 sq ft facility
- We specialise in the design and production of advanced patterns, tooling and components for the most demanding industries, using high-precision engineering and manufacturing techniques
- Retrac Group provides customers with an agile, full-service, end-to-end manufacturing solution, and is established as a trusted partner to its blue-chip client base of long-standing, repeat purchasers



#### Supplier of the Year 2018

Retrac Composites Limited

In recognition of your outstanding contribution to the success of Mercedes-AMG Petronas Motorsport in the Formula 1 Constructor & Driver Championships.

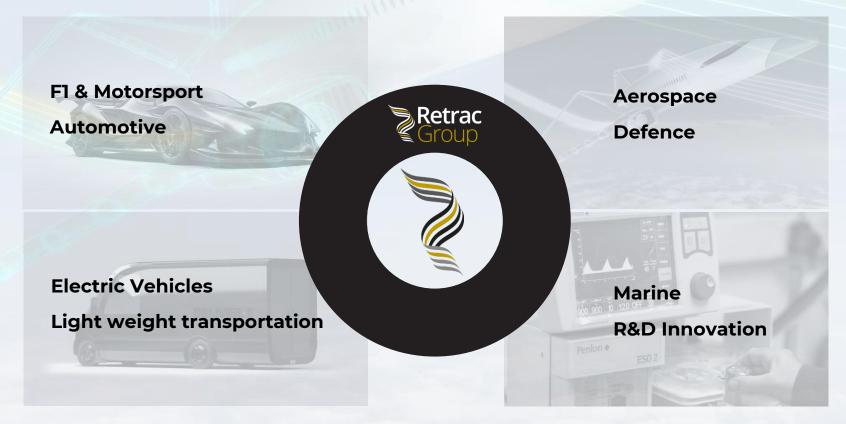
POR THOMAS



#### Markets & sectors

Regarded as the one of the most experienced composite engineering companies supplying teams in Formula One™, Retrac Group is a standard-setter in this sector.

Retrac has harnessed this experience to diversify into multiple other sectors, with rapid, on-time delivery to the most exacting standards.





## Formula One™

The Retrac Group provides a wide range of components to current Fl cars

Various Chassis Details

Sidepod Leading Edge

Front & Rear wishbones

Wing Components

Engine Covers

Engine Cover Cooling Panels & Louvres

Power Unit Components

Brake Ducts

Side Pod

Complete Floor

Front Suspension

(Wishbones, track rods, push rods)

A complete bolt on part incorporating machined end fittings

1 | MOTORSPORT | AUTOMOT

 $\Delta$  F R O S P  $\Delta$  C F

FFFNCF

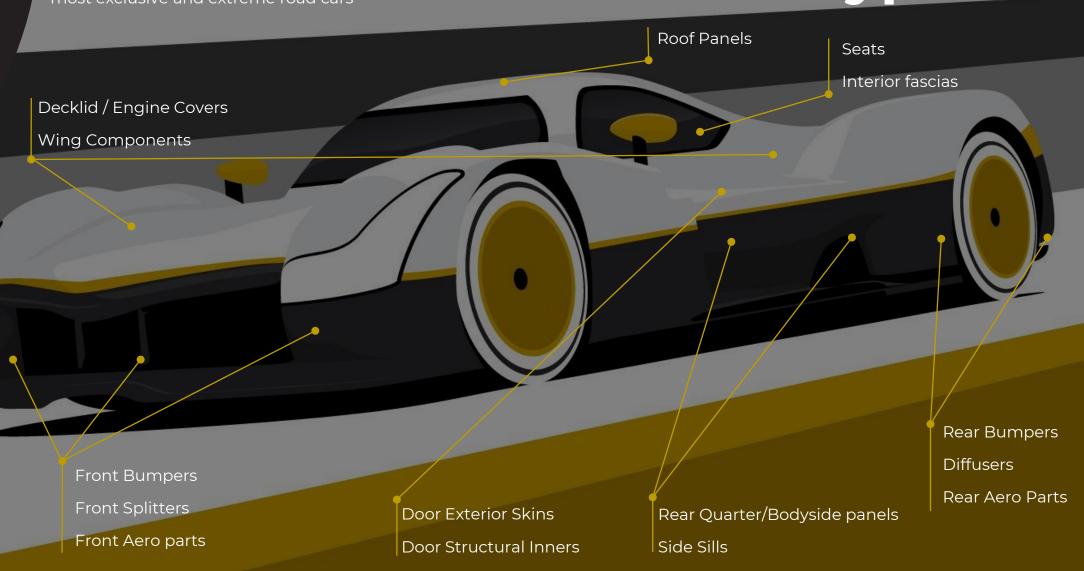
MARINE

R & D



Retrac Group supplies bodywork and engine parts to some of the world's most exclusive and extreme road cars

## Automotive: Hypercar



MOTORSPORT | AUTOMOTIVE | AEROSPACE | DEFENCE | MARINE | R&D

## **Automotive: Commercial**

The Retrac Group provides lightweight-material supply and consultancy for Commercial transport

Mass production composite solutions

Interior facia and dash in natural fibres

Tooling and Component supply

Body exteriors in thermoplastic or bio-composites

Battery tray enclosures

Prototype &

Production supply

| MOTORSPORT | AUTOMOTIVE | AEROSPACE | DEFENCE | MARINE | R&D



## Aerospace

Retrac Group is a trusted supplier of aerospace tooling and components

Brake Ducts

Ventilation Ducts

Internal Seating Components, Tooling and Assembly Jigs

FST Critical Application Assemblies

Empennage Tooling

Parachute Inertia Cups

Cabin Door

Development and Tooling

Wing Spar Components

Radome Structures

Front Nose Cone Development and Tooling

Electrical Power Unit Sub-structures

Landing System Support Structures
Loading System Support Structures

Electrical Cover Panels

Jet Engine Blade Tooling

Rotor Engine Blade Tooling

Inlet Fairings and Cowlings

Nacelles

| MOTORSPORT | AUTOMOTIVE | AEROSPACE | DEFENCE | MARINE | R&D



## Capabilities

THE COMPLETE END-TO-END SOLUTION

>> Innovation & Design

> Pattern Manufacture

Tooling Manufacture

Component Manufacture

Final Assembly

Verification & Inspection

Quality Assurance









## **Facilities**

#### CUTTING-EDGE TECHNOLOGY FOR INCREASED PRODUCTION FLEXIBILITY

- CAM / CAD Design offices w/Catia V5
- Dedicated Pattern-making shop
- CNC Machining: 13 x 5-Axis machines
- Lathes, milling, turning and wire eroding
- Kit-Cutting Machines
- Autoclaves, Ovens & Presses
- 3D scanner & 3D Printer
- Temperature-controlled Clean Rooms
- CMM Inspection incl. ultrasonic testing & laserhead scanning





## Innovation

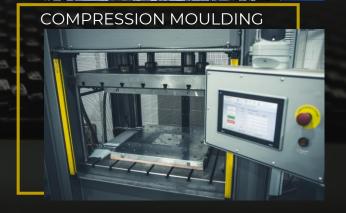
The decades of sustained success of Retrac Group's machining and composites divisions stems from a culture of innovation.

We are constantly formulating solutions to our customers' most challenging problems and staying at the cutting-edge of manufacturing techniques.

Retrac Group has harnessed this spirit by forming a dedicated R&D dept, and is investing in three key areas:









## Sustainability



The world is on the cusp of a lightweighting revolution for sustainable transport solutions, and Retrac Group is positioning itself at the forefront of knowledge and techniques to maximise successful applications of natural fibres and recycled composites.

We have launched Retrac Future, a menu of five sustainable materials that offers customers access to enhanced sustainability with high performance, and signed up to the SME Climate Commitment.











RCF non-woven Flax

RC2 Recycled Carbon Fibre

Evopreg ampliTex™ flax & powerRibs™

Woven Glass Thermoplastic

Woven Carbon Thermoplastic



## Investor in employees

Retrac Group is proud to have entered into a new era in 2021 as an employee-owned company, re-inforcing our outstanding workforce skill-set and commitment, which is marked by an average service of 11 years.

#### Variation .

Retrac Group offers customers increased production flexibility and shorter lead-times, and the employees are the bedrock of this round-the-clock service.

Customers come to rely on Retrac, and the business is placed on a sustainable footing in its community.









## Senior Management

# WALMSLEY

Appointed in 2021, Dan arrived at Retrac with a track record of building high performing teams to deliver high-tech products in short timeframes.

After two decades in Automotive and Motorsport sectors, in 2020 Dan was a co-ordinating lynchpin for the Ventilator Challenge UK Consortium as part of the Cabinet Office response to Covid-19, leading multi-site production activities for Airbus, Ford, Siemens, McLaren, Penlon and GKN Automotive.

Prior to this, as Motorsport Director for McLaren Automotive from 2016-20, Dan developed the business division from a start-up to £25m turnover in 3 years.

## HAIRMA ARTER

Andy is the son of Retrac Group founder John Carter and having worked for BMW in Munich, Andy joined Retrac in 1987 in sales and project management.

In 1998, Andy led the expansion of Retrac into the Composites sector, before eventually becoming Manager Director of the Group. His vision for continuous improvement saw Retrac become established as a premier supplier in Formula 1.

The architect of the Employee Trust ownership mechanism in 2021, Andy has stepped into the role as Chairman of the Group to work alongside Dan to lead the business into its sixth decade.



## Why Retrac...

THE COMPLETE END-TO-END SOLUTION

#### AN ESTABLISHED, TRUSTED PARTNER WITH AN EXCELLENT REPUTATION

#### GREAT SERVICE AND RESPONSE TIMES TO RESOLVE ISSUES

High-quality customer service founded on communication and on-time delivery

#### **TRUSTED PARTNER CUSTOMER EFFICIENCY FIRST & QUALITY** SKILL & **HI-TECH EXPERIENCE**

#### A SINGLE MANUFACTURING SOLUTION STREAMLINED FOR SPEED AND QUALITY

Customers are granted visibility under one roof of all critical processes from design to component

#### CUTTING-EDGE FACILITIES AND MACHINE CAPABILITY

Constant re-investment ensures we offer the latest technology and techniques

#### DEEP DOMAIN EXPERTISE, HIGHLY-SKILLED AND EXPERIENCED TEAM

Well-trained and committed staff with expertise across the most advanced machinery and software

## Thank you



Performance. Precision. Pride.

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