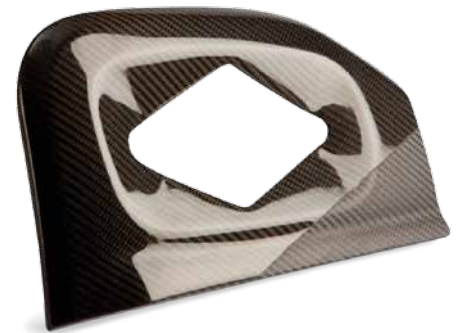




Exceptional craftsmanship and composite solutions for all your product development needs

CRAFTSMANSHIP

Our craftsmanship expertise includes the design and manufacture of models, fixtures, gauges and tooling for the automotive, aerospace, defence, marine, and medical industries and is recognised internationally as best-in-class. With totally secure, climate-controlled facilities, we can manufacture tools and models, up to full size domestic or commercial vehicle builds and assemblies. Our technical abilities cover a wide range of disciplines including styling, feasibility, function, environmental cube, development properties, assembly / welding fixtures, or individual components or prototype parts, and we deploy the very latest composite materials and technologies.



COMPOSITES SOLUTIONS

Our composite tooling and component manufacture service is recognised and respected worldwide. We operate under strict total quality management processes, and our long standing collaboration with OEM customers and advanced materials supply partners ensures we maintain our leading position in the composites industry.

Composites provide many advantages including high strength to weight ratios and resistance to corrosion and fatigue. Other benefits are their built-in design features such as high temperature performance, compliance with fire, smoke and toxicity (FST) regulations, supreme toughness and impact resistance. Composites are an attractive alternative to conventional materials and ideal as a low volume, production solution for some clients.

Consumers are increasingly demanding greater product differentiation and our composites service allows you to meet this need. The market for composite materials in automotive, aerospace, sport and leisure applications has therefore never been stronger. With an increasing range of material weaves, colours, and finishes on offer from ARRK, the possibilities are extensive.



Vehicle Body Tooling: A wealth of knowledge and experience in this area leads to us being recognised in the industry as market leader in our field. Our services range from show vehicles and styling properties, e-cubes and maturation fixtures, to full vehicle production tooling. In this product range, the component types and materials used are extensive.

Vehicle Studios: We have a number of climate-controlled, totally secure vehicle studios. These studios offer, in addition to view, full measuring ability with large CAD viewing facility to ensure the manufactured properties are fully representative of the CAD geometry.

Blow Mould: By combining the expertise of skilled engineers with some of the latest technology and equipment, we are able to provide our clients with highly competitive, turnkey blow mould and tooling solutions.

Foundry Tools: Our extensive experience in foundry tooling manufacture goes back over 40 years and involves all major foundry processes. This service includes fast prototype parts and tooling, through to production tools.

Motorsport: One of the major business streams for our organisation. This industry needs and expects a specialised, quick response to satisfy their needs, and our design and manufacturing team provides them with an exceptional service. These quality products are provided fully inspected using the most up to-date equipment with 100% full surface checking against CAD data.

Wind Tunnel models are typically manufactured from tooling boards and can be scaled to suit the customer's needs up to 100% scale.

Aerospace: We supply to many first tier aerospace manufactures and have a proven track record for providing innovative solutions to our clients' manufacturing challenges such as models, tooling, and a wide variety of fixtures.

CNC Machining: We have considerable CNC machinery and capacity at our disposal. Using 3 and 5 axis machines, we are also able to offer an array of materials, from composites right through to tooling steels.



For more information, contact:

Composites Division, ARRK Europe Limited, Nuneaton Technical Centre, Caldwell Road, Nuneaton, Warwickshire, CV11 4NG, United Kingdom

Tel +44 (0)2476 580700 **Fax** +44 (0)2476 580727

E-mail ntc@arrkeurope.com

Alternatively, discover more at www.arrkeurope.com

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www.arrkeurope.com