

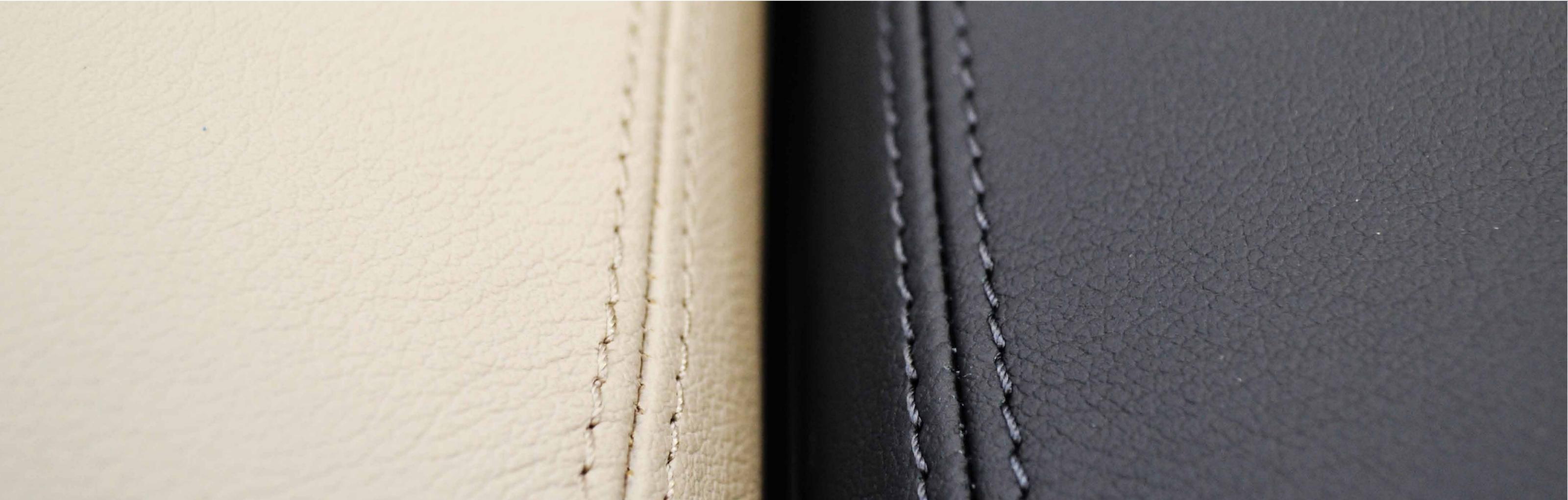


**KJR**

**ONLY A HANDFUL OF COMPANIES  
SHARE IN THE PLEASURE OF  
TRIMMING THE WORLD'S MOST  
BEAUTIFUL AUTOMOBILES.**

**KJ RYAN IS ONE OF THE FEW.**





## SPECIALIST TRIMMERS

**KJR SPECIALISE IN AUTOMOTIVE INTERIOR TRIM FOR BOTH THE BESPOKE MARKETS AND TIER 1 CUSTOMERS INTO SOME OF THE LARGER OEMS, AND IS CERTIFIED TO TS 16949:2009.**

Here at KJR our core capabilities include:

- Development - from concept to reality working in partnership with our customers. This covers both sectors of the market.
- Hand Trimming using leathers, PVCs and soft fabrics - typical applications include centre

armrests, seat back panels, steering wheels, seat covers and gear gaiters, etc.

- Machine wrapping, using specialist wrapping equipment, alignment and press tools - typical applications include armrests and door panel inserts.
- Sewing using industry standard machines and CNC - typical applications include single and double stitch for joining materials and decorative stitching.

## THE ART OF INTERIOR TRIMMING

**WHEREAS ONCE, INTERIOR TRIM WAS SIMPLY A WAY OF LINING THE BODYSHELL, NOW IT FORMS PART OF THE COMPLEX SAFETY AND COMFORT PACKAGE.**

Designers and Engineers impose many constraints, requiring materials to perform more than one function and to have qualities which are tested to destruction under extreme conditions.

Leather has to hold airbags with stitching that must break at exact pressures, stretch with electric massage cushions, wrap intricate shapes such as instrument binnacles, steering wheels and door pulls, quickly and constantly expand and contract

in air conditioning and heated seats, repel dirt, rain, sun and everyday wear.

Many designs require organic shapes, miniture joins, special textures or embossed logos. Our production teams are constantly praised for producing 'beautiful and seemingly impossible' solutions.

KJR is a rare company. A producer of components or complete car interiors, using a combination of modern technology and flexible manufacturing techniques with the most traditional of skills and materials.

**KJR - Quality without compromise.**



# PRODUCTION

TRIMMING INTERIOR COMPONENTS IS A COMBINATION OF ART FORM, SCIENCE AND ECONOMICS. KJR CAREFULLY PROJECT MANAGE EVERY ORDER TO ENSURE THAT QUALITY AND COST IS NOT COMPROMISED EVEN UNDER THE HIGH PRESSURES EXPERIENCED WITH VOLUME PRODUCTION AND IT'S ASSOCIATED CRITICAL TIME CONSTRAINTS.

An experienced and flexible workforce use both traditional finishing methods and state-of-the-art equipment to trim individual components and complete interiors.

Here at KJR we understand the needs of the end user, manufacturers and designers, and work in partnership with our customers to ensure the required objectives are met.

Customer satisfaction is key, and our ability to provide consistently high quality products in a highly competitive market place has brought KJR recognition from many of the world's vehicle producers.

## OUR SKILLS

- OEM, 1st & 2nd tier supplier
- Scheduling to meet all types of programme
- Sequential / JIT deliveries
- Batel capabilities
- Work with leather, suede and high quality materials
- Highly skilled and experienced workforce
- Engineering development team
- Flexible work patterns
- Computerised air bag stitching machines
- Cost effective utilisation of high value leathers and other materials.

# BESPOKE SERVICES

MANY PRESTIGE VEHICLE MARQUES OFFER THEIR CUSTOMERS THE OPPORTUNITY TO CREATE A UNIQUE INTERIOR. KJR HAS A LONG HISTORY & EXPERIENCE IN PRODUCING BESPOKE INTERIORS FOR MANY DISTINGUISHED CUSTOMERS. THESE INCLUDE BRITISH & OVERSEAS ROYALTY, SHOW BUSINESS STARS & SPORTS PERSONALITIES.

In addition to comfort and safety, interior trimming may also incorporate communications, security and armament.

Increasingly, mainstream manufacturers are producing limited edition premium cost vehicles, either as pre-specified ranges, or for their customers to choose their own colours and finishes.

KJR regularly win contracts to assist in the development of these interiors, in trimming complete vehicle ranges or individually specified vehicle programmes.

## OUR SKILLS

- Continuous input into development programmes
- New material testing, feasibility and recommendations
- New manufacturing methods and processes
- Work closely with Designers and Engineers
- Vast knowledge of leathers and other materials
- Work from visuals, models or drawings
- On-site facilities
- Confidential service
- Problem solving.



# EVOLUTION

**ONLY A HANDFUL OF COMPANIES SHARE IN THE PLEASURE OF TRIMMING THE WORLD'S MOST BEAUTIFUL AUTOMOBILES. THEIR NAMES ARE NOT LEGENDARY, UNLIKE THE VEHICLES THEY HAVE HELPED TO CREATE. FEWER COMPANIES STILL, ARE ABLE TO DEVELOP THEIR SKILLS TO EMBRACE NEW TECHNOLOGIES, DELIVER WITHIN THE CONSTRAINTS OF MODERN PRODUCTION METHODS, AND CONSTANTLY IMPROVE SAFETY AND ENVIRONMENTAL STANDARDS. KJR IS ONE OF THE FEW.**

Evolution without compromising quality has been crucial to our company's success. Masters in leather trimming interiors for the world's most luxurious cars, KJR has a policy of continuing investment in both training and technology to ensure that this luxury continues to be safe and affordable.

We work closely with the prototype and production departments of major manufacturers as well as smaller, specialist producers. Research, development and testing is carried out in partnership with

manufacturers, research establishments and Universities. Our combination of quality, knowledge, innovation and experience ensures that KJR continues to be part of many concept and show car commissions where, under the intense spotlight of the world's media, car manufacturers only entrust their reputation to the best skills available.

Our flexible manufacturing methods can encompass many production roles from handcrafting specials and bespoke items to batch and sequential JIT mass production.

KJR can assist through prototype modelling to full production, working with Designers and Engineers in developing manufacturing methods, best practice and production cost evaluation.

# PROTOTYPING

**OUR SKILLS OF MATCHING MATERIALS AND TECHNIQUES WITH FUNCTION AND PERFORMANCE, HAS MEANT THAT WE ARE CONSULTED BY DESIGNERS AND ENGINEERS AT AN INCREASINGLY EARLY STAGE OF A PROJECT, OFTEN EVEN BEFORE THE SHAPE OF A VEHICLE IS DESIGNED.**

Working from tape drawings, clays, interior bucks, marker visuals or dimensioned drawings, KJR are able to predict ideas and support customers through the development programme into production.

Our vast knowledge of production techniques and the performance of materials, means that KJR can advise on the budgetary impact of design, ergonomic and aesthetic issues.

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## CONCEPT CARS

**KJR HAS HELPED TO DEVELOP AND TRIM SOME OF THE MOST INNOVATIVE AND STUNNING VEHICLE INTERIORS, MANY UNVEILED AT THE WORLD'S MOTORSHOWS.**

Working closely with designers, manufacturers and styling studios KJR has been able to advise on production issues, tolerances and contemporary solutions using both traditional and space-age materials.

We can offer guidance in the correct use of materials, finishes and stitching to the cabin safety areas including the coverings used to enclose airbag systems.

We can manage the project and build complete interiors, utilising our flexible workforce to integrate with our Customer's build schedules and to meet critical deadlines.

## CRAFTS- MANSHIP

**THE APPEARANCE OF OUR WORKMANSHIP HAS BEEN DESCRIBED AS 'EFFORTLESS', NOT BECAUSE THE EFFORT HAS NOT GONE IN, BUT BECAUSE THE FINISHED RESULT IS CLEAN, UNCOMPLICATED AND NEAT.**

At KJR, our specialist skills are trimming with the highest quality materials, especially leather and suede. We need to understand everything about these materials. Not only does 'the look' have to be right, but the smell and the feel too.

We start from scratch, choosing the skins, the tripping and tanning methods, the types and colours of dyes, finishes and texturing, cutting, stitching, adhesives, forming and finishing.

Our environmental policy includes a procurement and audit path which tracks materials from source, and ensures that skins are not from endangered species.

All materials such as adhesives, linings and paddings are used in compliance with Health and Safety regulations and Automobile Safety guidelines.

The details and care we put into the sourcing and treatment of materials is to ensure that our design and manufacturing meets the performance criteria demanded by modern car interiors.



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**KJ Ryan**  
INTERIOR  
SPECIALISTS

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