

MADE TO MEASURE

Bespoke seating, modern lighting and minimised cabin noise are just some of the factors that go into creating relaxing interiors with that extra touch at AMAC Aerospace

Headquartered in Basel, Switzerland, AMAC Aerospace takes on both narrow- and wide-body aircraft completions. In the first half of 2023, the company returned two green completions to customers – a BBJ Max 8 and an ACJ320. Its experts are well-trained in understanding the desires of VVIP clients for bespoke cabin interiors.

“We’ve registered a growing trend to lean, uncluttered interiors that exude simplicity and calm,” says Christian Schirlin, director of VIP completions and head of project management. “Light colours, non-varnished wood, and high-quality wool and silk carpets create a harmonious atmosphere and please not only the eye but are pleasing to touch.”

DIVERSE TASTES

Serving clients from all around the globe, AMAC’s designers are exposed to a very wide range of tastes.

“The cultural background of our clients influences their perception of luxury and is reflected in their choice of aesthetics and décor, colours and patterns,” explains Christelle Dietsch, aircraft interior designer at AMAC Aerospace. “Yet the preference for the highest quality is a common denominator. For seats and divans, artfully crafted leather is still the preferred choice.”

On new aircraft types that are capable of flying longer distances, onboard comfort and wellbeing have become even more crucial. “Clients wish to experience the same calm and relaxed feel they enjoy in their private homes on the ground,” explains Gunnar Jancke, director of quality assurance and the Design Organisation, and CVE at AMAC Aerospace.

A key offering at the company is its ability to create bespoke seats and divans. “There are only a few companies offering the high-end seat structures that form the core of our final end product,” says Jancke.



Head-, arm- and leg-rests are designed and produced in-house to support the body while offering full flexibility and meeting designers’ specifications. The company’s purchasing team is in constant exchange with the suppliers to make sure all the components are available on time.

Seats are just one aspect in creating comfort on board. Lights are a decisive element for the ambiance. AMAC says fluorescent light tubes are a thing of the past, and that cabin lighting has changed substantially with LED technology, becoming better and lighter, and offering more stability regarding temperature and colour. Versatile reading lights and light strips can be placed in the cabin.

Jancke has noticed heightened interest in invisible light strips that allow the creation of subtle concepts in all areas of the interior. “There are very few companies worldwide that are capable of offering colour light control,” he says. “We are proud to have integrated these innovative applications already into several aircraft.”

MINIMISING NOISE

Balanced air humidification and a quiet sound level can also add to the onboard experience. For specific VIP areas, 45dB SIL is achievable, AMAC says, by selecting

Two new green completion projects are scheduled to be inducted towards the end of this year – AMAC’s second BBJ Max 8 and second ACJ319neo



certain materials and optimising the cabin configuration. Additional micro-perforation on leather and decorative panels supports the lowest sound levels, the company says.

AMAC Aerospace and sister firm JCB Aero also put an emphasis on finding new, sustainable solutions. To reduce a cabin’s carbon footprint, lightweight materials produced in-house by JCB Aero are used wherever possible. The company says honeycomb panels and innovative floorboards made with natural resins enable substantial weight savings, up to 35%, saving fuel.

These products have gained interest in both the aviation and maritime sectors. Recently JCB Aero was selected by Gunboat, a French boat builder, to support the implementation of cabin moulds and linings, and with its sought-after extensive knowledge of weight savings. ✕

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