



McLORE

McLORE
HARDWARE TECHNOLOGY

MANUFACTURING OF FLIGHT CASE

McLore srl

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McLORE • Made to measure Flight case

Since 1986 McLore

has been operational as one of the first firms in Europe to design and produce Flight case. Right from early years of its activities, McLore gained the trust and favour of major world corporations operating in a broad range of sectors. As a provider also of items such as splitters, multipolar cables, connectors and so forth, McLore became well known in TV and recording studios, pop and rock musicians' tours, but also in technological sectors, from the electronic and mechanical industry to the top Racing Team. When the production line was consolidated in the 1990s, raw materials such as carbon and kevlar, as well as other technologically important materials, were adopted for Flight case production. McLore has always focussed on product quality and

innovation. It can provide a vast range of solutions for all transport and storage needs, and can fully guarantee these solutions in terms of their durability. McLore products are designed and manufactured in conformity with the standards applying to transport and stowage in high fire-risk areas. The flexibility of the R20 systems designed, patented and manufactured by McLore enables production even of single Flight case at reasonable prices - all of a peerlessly high quality standard. Our customers can therefore select exactly the kind of Flight case they need, in terms of characteristics and dimensions. A Flight case can be also silk-screen printed for customisation purposes.



McLORE

McLORE
FLIGHT CASE
ATA CONFORMANT





McLORE • Customizations

- TOTAL WHITE
- TOTAL BLACK
- CAMOUFLAGE



McLORE
LIGHT CASE
CALIFORNIA



McLORE • Sectors for use

If you need to take certain items abroad (equipment or objects of any other kind) you know you can rely on our Flight case. McLore Flight case are used in sectors as:

- THEATRE
- TV, BROADCASTING
- SHOW BUSINESS
- CATERING
- HORSE RIDING
- INDUSTRY
- FIELD RIDING
- RACING
- RENTAL
- MILITARY



McLORE • Flight case

Flight case mean

practicality, orderliness, speed and safety and organization when loading/unloading and transporting equipment and goods of all kinds. Flight case came into being during the 1960s within the ambit of transport of military equipment. During the late 1990s, many other uses were found for Flight cases in various technical, artistic and industrial ambits. Thanks to the process of globalization, the development of air transport and the evolution of materials, Flight case use emerged in any number of sectors. The Flight cases are designed to provide appropriate protection for the specific item

transported (including goods considered hazardous). They also optimize stowage in various means of transport, ranging from trucks, wagons, containers and aeronautic shelters (in conformity with the ATA 300 standard). The benefits of Flight cases are owing to their parallelepiped form and recessed accessories, such as closures, handles and trays. Flight cases are designed to optimize and to fully exploit cargo areas so that no spaces are left unused. Choice of materials for Flight cases strictly depends on their intended use and on the means of transport adopted.



• PRIVATE USE

Flight cases can be used for instruments for personal use when the customer himself/herself transports, loads and unloads the case. No special regulations apply to such practices.



• PROFESSIONAL USE

Flight cases may be especially designed to provide optimal protections for their contents. Professional use conditions apply to individuals or companies who entrust the task of transport to third parties. In such circumstances, Flight cases are regulated by ATA 300 standards, with specifications for road transport and air and ship cargo operations. Design shall therefore include measures to ensure the robustness and waterproofing required for the end-product, facilitate loading/unloading and provide resistance against atmospheric agents, salt fog and fire.



• USE FOR LARGE VOLUMES

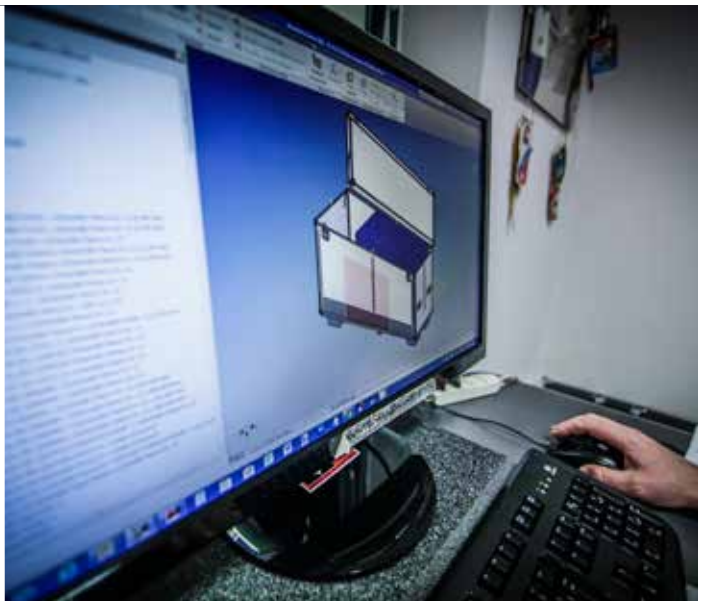
McLore designs and manufactures complex Flight case systems for any number of uses (e.g. Racing Teams). If well organised, the logistics sector of a team will optimize box assembly and disassembly times, with benefits also in terms of image (reliability). Here, the reference standards for Flight case are ATA 300 CAT1 and MIL. The cases may be produced using a composite material (carbon, kevlar and fibreglass) to keep the tare weight to a minimum and ensure transport cost savings.



McLORE • 3 D Design

At our engineering office, our Flight cases are closely studied and designed with use of a 3D rendering technique. This means customers can check each and every technical detail, and the look, before production starts up.

- DESIGN
- PROGRAMMING WORK CENTER
- ASSEMBLY
- INTERIOR FINISHES
- CONTROL



McLORE • Materials

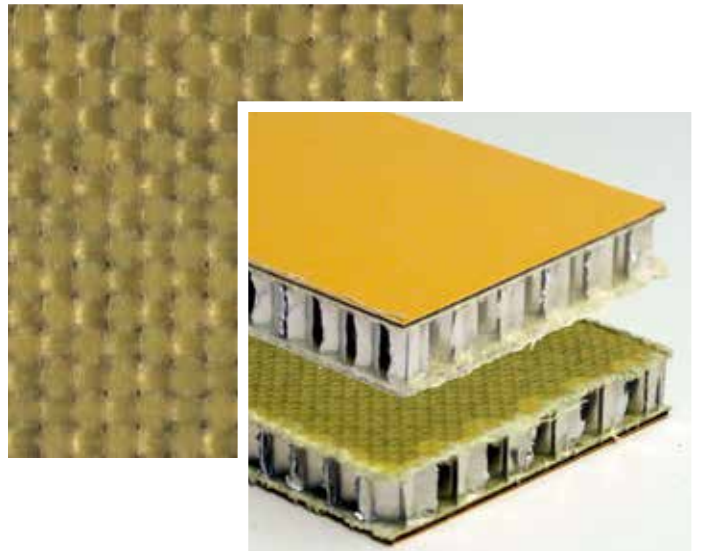
ASTROBOARD

- Recommended for of small Flight case
- Suitable for road transport by private individuals (as opposed to carriers / freight forwarders)
- Does not conform to the RoHs standard
- Does not conform to the ATA 300 standard



LAMINATED KEVLAR

- Recommended for large Flight case
- Fire-resistant
- Suitable for air / ship / road transport
- Conformity with ATA 300 CAT 1 / MIL STD 810 / RoHs standard



CARBON FIBRE

- Recommended for large Flight case
- Fire-resistant
- Suitable for air / ship / road transport
- Conformity with ATA 300 CAT 1 / MIL STD 810 / RoHs standard



LAMINATED FIBREGLASS

- Recommended for large Flight case
- Fire-resistant
- Suitable for air /ship / road transport
- Conformity with ATA 300 CAT 1 / MIL STD 810 / RoHs standard



CORRUGATED ALUMINIUM

- Suitable for ship / road transport
- Not recommended for air transport
- Conformity with ATA 300 CAT 1 / MIL STD 810 / RoHs standard



LAMINATED MULTILAYER PHENOLIC WOOD

- Suitable for road transport by carriers / freight forwarders
- Not recommended for air transport
- Conformity with ATA 300 CAT 1 / RoHs standard

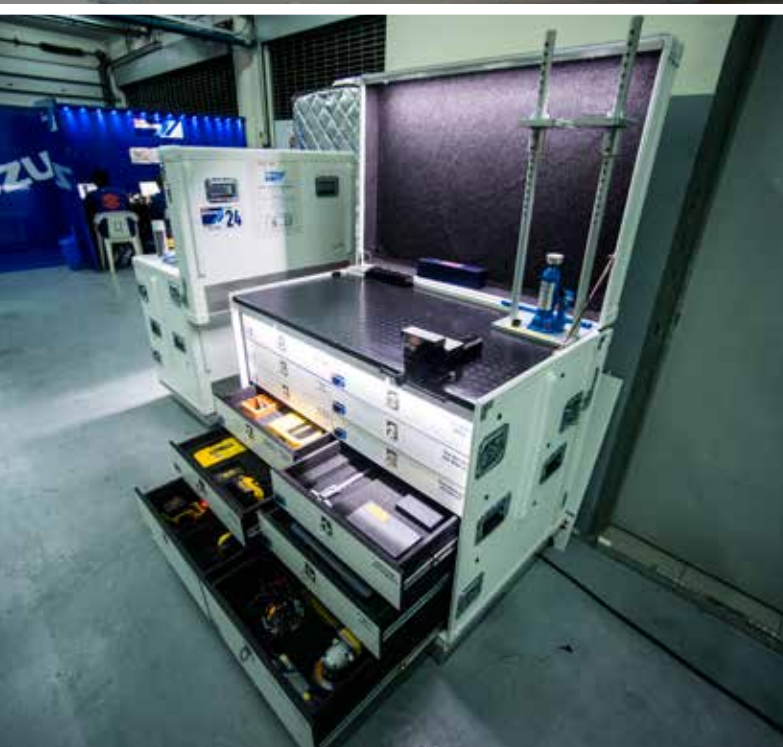


McLORE • Some Realizations









McLORE • Standard Rack 19"

