

AUTOFLUG – EXAMPLES FOR airFAST CONFIGURATIONS



SEAT PALLETS



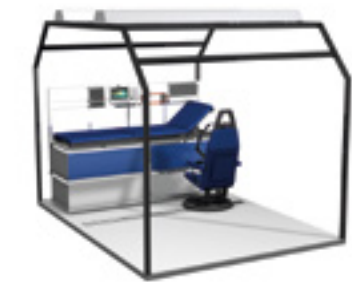
MEDICAL PALLETS WITH ATTENDANT



MEDICAL PALLETS UP TO 6 STRETCHERS



MEDICAL PALLETS INTENSIVE CARE



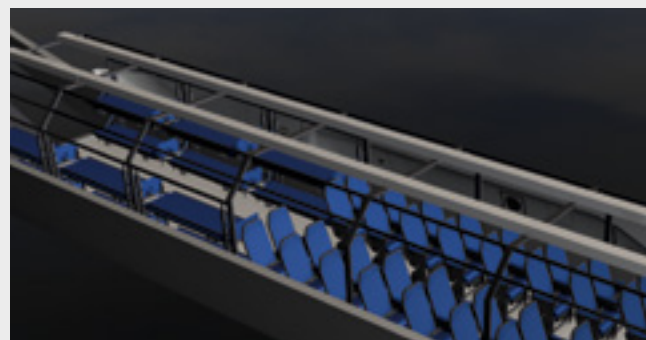
MEDICAL INTENSIVE CARE



RAMP INTERFACES



QUARANTINE PROTECTION



COMBINED CONFIGURATIONS POSSIBLE



PIONEER AND DRIVER OF INNOVATION IN RESCUE AND SAFETY TECHNOLOGY.

Thinking Safety – AUTOFLUG is true to this motto. A medium-sized family firm now in the third generation, AUTOFLUG has been a leading provider of products and services since the early days of aviation, specifically focusing on rescuing people and ensuring their safety.

As a globally recognized supplier and service partner of the international aviation industry and for defence technology, the company with approximately 250 employees develops, produces and services a wide range of textile, mechanical and electronic components and systems, among others.

AUTOFLUG, based in Rellingen (Schleswig-Holstein, Germany), has decades of experience and expertise in the areas of rescue and safety, ergonomics, textiles, mechanical systems, precision engineering, electronics, software as well as measurement and control technology.

The AUTOFLUG range of products and services comprises:

- Safety seats for helicopters, transport aircraft and land vehicles
- Maintenance and repair of Martin-Baker ejection seats for the German Air Force
- Harnesses and restraint systems for aircraft and land vehicles
- Protective equipment for pilots, such as NBC and anti-G suits
- Personal survival packs (PSPs)
- Rescue parachutes, brake parachutes and recovery parachute systems
- Fuel measuring and control systems for aircraft and land vehicles
- Technical/logistical support: Technical logistics, technical documentation, training solutions, obsolescence management

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AUTOFLUG airFAST
FOR A400M & C-130 HERCULES



AUTOFLUG airFAST FOR A400M & C-130 HERCULES – EXTEND YOUR CAPABILITIES.



MODULAR AND FAST

AUTOFLUG airFAST allow aircraft operators to extend the capabilities to a more comfortable passenger transport in a military cargo aircraft. Passengers (VIP, Politicians, Press, Civilians) who require higher safety and comfort standards may use the forward facing airliner economy seats instead of the troop seats on the side wall.

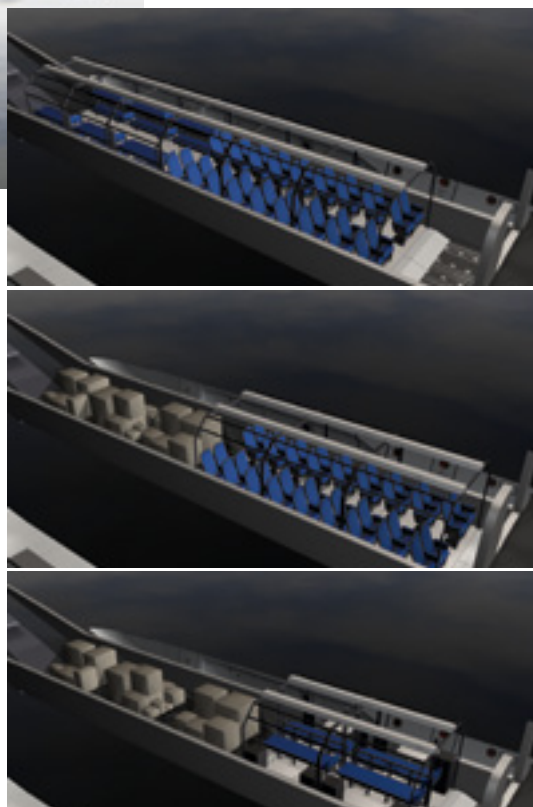
CONVERTED TO YOUR ACTUAL NEEDS

The Medical Pallets allows quick conversion of a A400M or C-130 into a flying hospital with full medical capabilities. The flexible installation system can be used with intensive care units, stretchers, boxes, seats and tables. It can be combined with the seat pallets to have adequate seats for the medical staff.



EXTREMELY FLEXIBLE

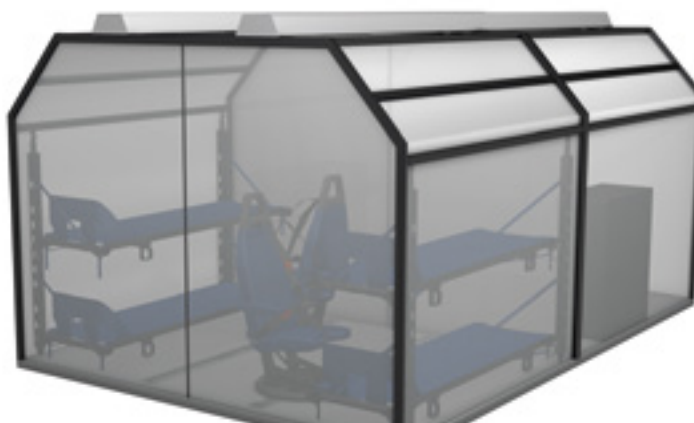
If required, the aircraft can be converted from passenger to medical or cargo transport in short time. The pallets can be prepared outside of the aircraft and installed when needed. It is not necessary to have a dedicated aircraft with specific equipment waiting for these special missions.



SEAT PALLETS

Seat pallets are made from Aluminum Alloy on a HCU-6 compatible base (108 x 88 inch) and fit into standard cargo handling systems. Each pallet provides modern airliner safety standards with 16g crash safety for 12 passengers per pallet. Up to 84 passengers can be carried on 7 pallets in one C-130. They cover the complete floor and provide an obstacle free surface.

- Robust Aluminum alloy structure
- Fungus, fluid and fire resistant
- Up to 84 seats per aircraft on 7 pallets per aircraft
- 12 seats in 3 rows per seat pallet (30 inch seat pitch)
- 4 seats per row (double seat on each side)
- Quick installation (1 hour)
- 16g economy airline seat
- Single aisle
- Emergency oxygen in overhead boxes
- Non-textile floor (easy to clean)
- Flat floor free of obstacles
- Mixed operation possible (combination of seat pallets, medical pallets and cargo)

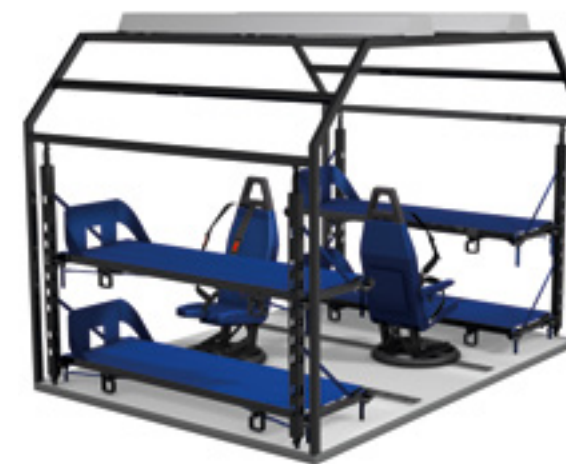


MEDICAL PALLETS

The Medical Pallets are based on the same pallet and frame as the seat pallets.

The pallets allow flexible configurations of medical equipment. It can be individually equipped with customised interfaces for new or already existing equipment like intensive care units, NATO-stretchers, medical assistant seats, boxes, cabinets and tables.

- Compatible to seat pallets (same base)
- 7 pallets per aircraft (seat pallets and medical pallets, combinable)
- Quick installation (1 hour)
- Individually equipped (existing equipment can be used)
- Intensive care unit plus medical attendant seat
- Provisions for up to 6 NATO stretchers
- Boxes, cabinets and tables
- Refrigerator
- Medical oxygen supply
- Separation curtains
- Emergency oxygen in overhead boxes (cabin pressure loss)
- Non-textile floor (easy to clean)
- Fungus, fluid and fire resistant
- Flat floor free of obstacles



QUARANTINE PROTECTION

Available for every pallet and combination of pallets, for example as airlock installation to prevent contamination after attendance from people under quarantine

REASONED SOLUTION FOR MAXIMUM EFFICIENCY – MAIN BENEFITS AT A GLANCE.

MODULARITY AND FLEXIBILITY

- Seat pallets, medical pallets, other equipment and cargo can be flexibly combined

QUICK INSTALLATION

- Seat pallets and medical pallets can be prepared outside the aircraft and are installed in the aircraft within short time

HIGHER SAFETY

- 16g crashworthy passenger seats, fulfilling EASA CS25 requirements
- Emergency oxygen supply and life vests
- Patients and medical staff safely secured.

HIGHER COMFORT

- Seat pallets contain modern standard airline seats with armrest and tables

PROVEN TECHNOLOGY

The AUTOFLUG pallets for C-130 are based on the new A400M seat pallet system.

DIMENSIONS & WEIGHT

Overall dimensions

- Length: 2300 mm (90 inch)
- Width: 3000 mm (118 inch)
- Height: 2150 mm (85 inch)

Base footprint

- 108 x 88 inch (HCU-6 standard)
- Weight (empty pallet): 400 kg
- Weight Seat Pallet: 600 kg
- Weight Medical Pallet: 500 kg (with Intensive Care Unit and seat)

