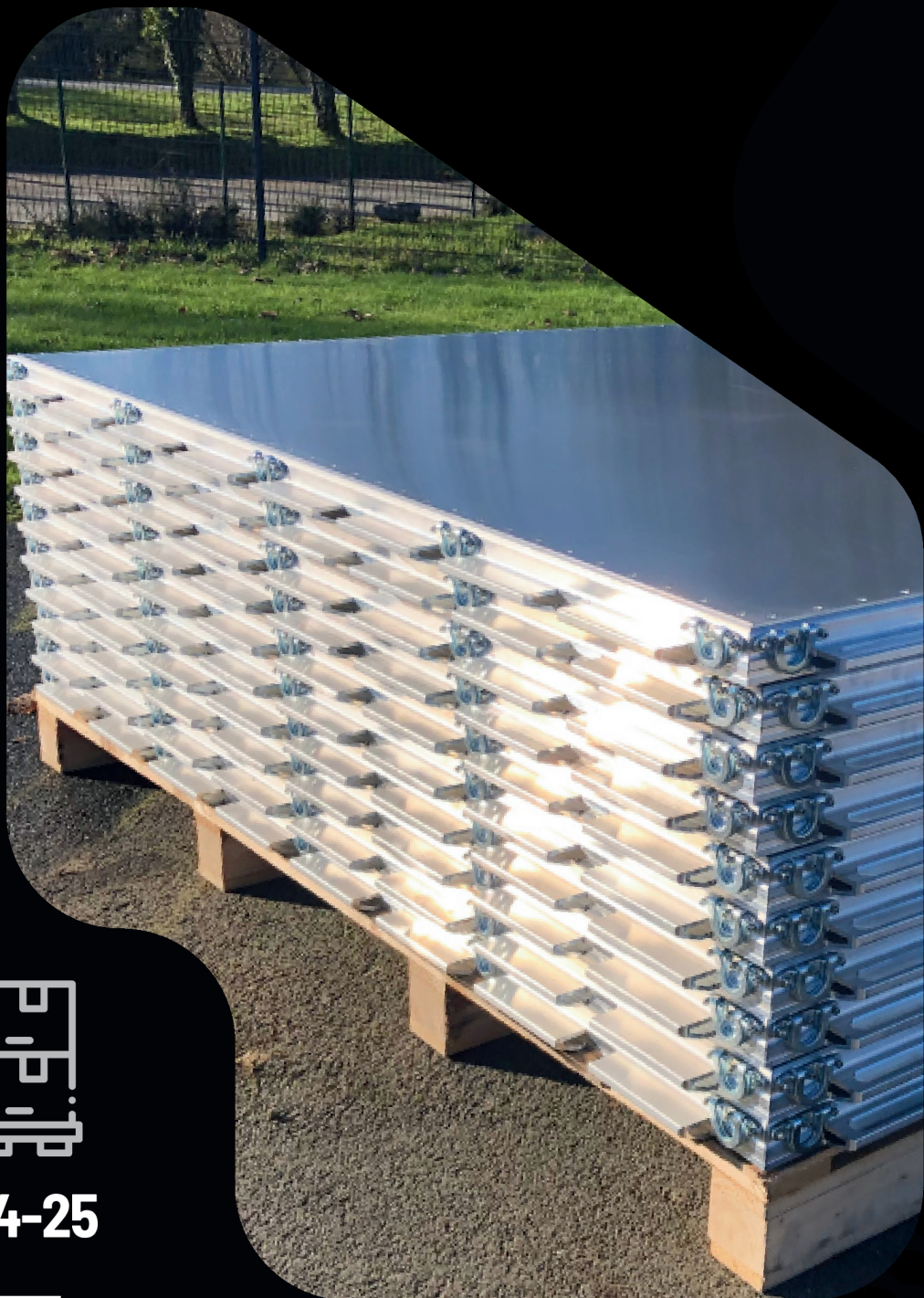




**CLASSIC TECHNOLOGISTS
AND TRADE PVT. LTD.**

463L CARGO PALLETS FOR MILITARY AIRCRAFT



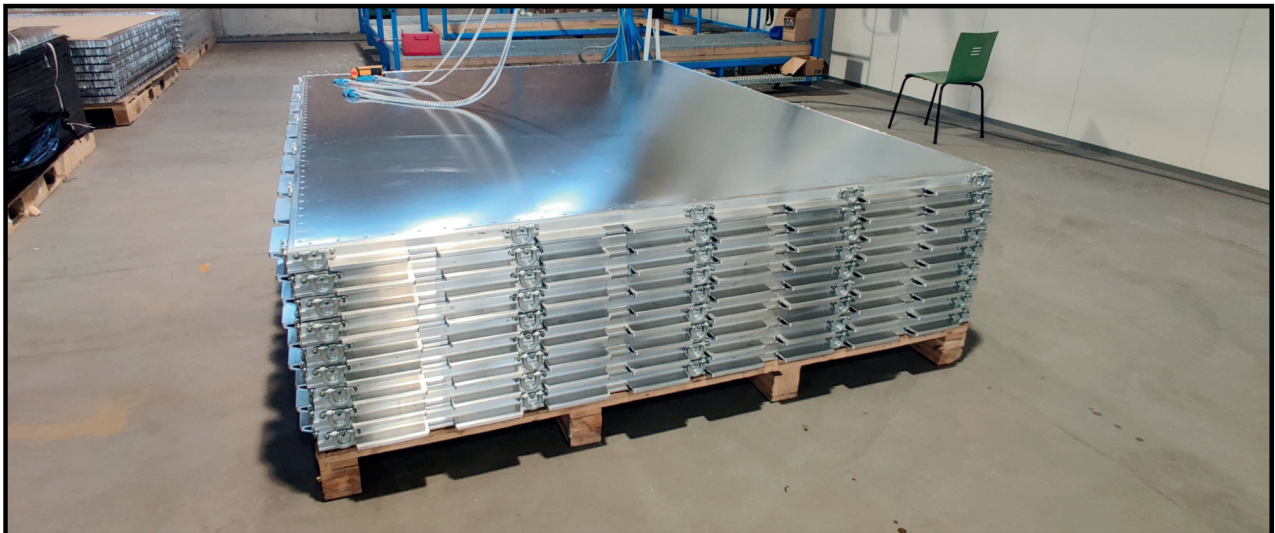
2024-25

ABOUT US

At **Classic Tecnologistics and Trade Pvt Ltd**, we are proud to be India's **only manufacturer of 463L Cargo Pallets**, providing cutting-edge logistics solutions tailored to the demanding needs of military air transportation. Our pallets are designed to meet the stringent requirements of the **MIL-810 standard**, ensuring that they are lightweight, strong, and easy to handle in military aircrafts.

We are honoured that our designed and manufactured pallets used operationally on the **C-17 Globemaster, C-130 Hercules, C-295** and **Chinook helicopter** and is procured by **Indian Air Force**. This is a testament of the quality standard and reliability of our products. Each pallet is manufactured using state-of-the-art processes and undergoes stringent quality checks to ensure durability, performance, and compliance with global military standards.

With a strong focus on innovation and precision, we are committed to supporting defence operations both in India and globally, delivering world-class solutions that enhance mission readiness and operational efficiency.



MISSION:

To provide the highest quality military-grade logistics solutions, ensuring that defence forces have the tools they need to transport and protect critical equipment, enabling mission success.

VISION:

To be a global leader in military logistics, recognised for pioneering advanced cargo solutions and setting new benchmarks in quality, innovation, and performance, while proudly supporting the defence forces of India and beyond.



ABOUT PRODUCT

463L CARGO PALLET

Our **463L Cargo Pallets** are specifically designed to meet the rigorous demands of military air transport. Built to comply with the 463L standard, these pallets ensure secure cargo loading and restraint in military aircraft, offering strength, durability, and ease of use.



KEY FEATURES:

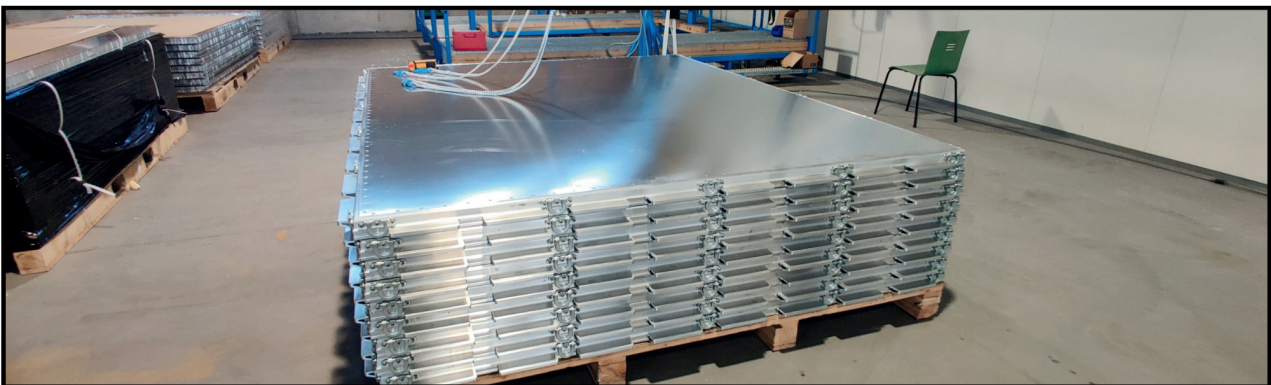
- **Standard-Compliant Design:** Designed to integrate seamlessly into the military aircraft cargo compartment, fully compliant with the 463L standard.
- **Durable Construction:** Manufactured using 7000-series aluminium sheets and a high-strength aluminium honeycomb core, the pallets are lightweight yet robust, capable of withstanding heavy loads.
- **Ease of Maintenance:** Riveted edges enable easy repairs without welding, and each pallet comes with a Component Maintenance Manual and Illustrated Parts List for convenient servicing.



SPECIFICATIONS OF PALLET AND NET

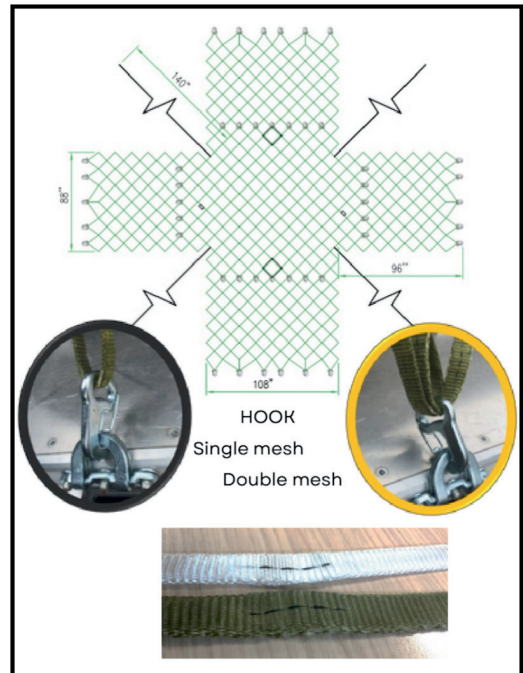
Technical Specifications:

- **Dimensions:** 108 x 88 in / 2.74 x 2.24 m
- **Thickness:** 2.25 in / 57 mm
- **Tare Weight:** 300 lb / 136 kg
- **Maximum Gross Weight:** 10,000 lb / 4,000 kg
- **Fittings:** 22 D-fasteners (BS > 3,336 daN / 7,500 lbf) in any direction
- **NSN:** 1670-145968572
- **Materials:** 7075 T6 aluminium alloy sheets with aluminium honeycomb core.
- **Markings:** 4 data-label in a corner for easy identification



Cargo Net Specifications:

- Confirms to **MIL-DTL-27444E (USAF) Standard**
- **Base Size:** 88" x 108" (2.24m x 2.74m)
- **Height:** 96" (2.44m)
- **Lashing Line Length:** 140" (3.56m)
- **Max Gross Weight (MGW):** 10,000 lb / 4,545 kg
- **Volume:** 14.5 m³
- **Lashing Lines:** High-tenacity polyester webbing with 4 adjustable lashing lines in black or other colors (available upon request).
- **Net Webbing:** Available in natural white or army green, compliant with flammability standards (FAR 25 855(d) & 25 853(a)).
- **Locking Hooks:** 22 automatic locking hooks (zinc-plated steel) for secure attachment to the pallet, and 24 automatic locking hooks for height adjustment and cargo lashing.
- Three piece configuration (one Top and two Side nets), as demanded by customers also manufactured confirming to **MIL-DTL-27444E (USAF) Standard**.





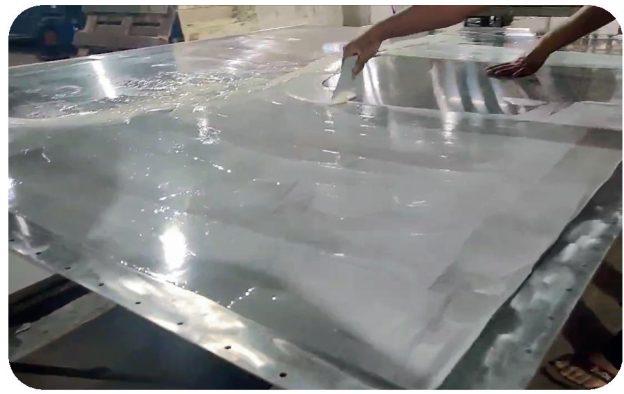
MANUFACTURING PROCESS

Our **463L Cargo Pallets** are manufactured through a precise and streamlined process to ensure durability and quality, using advanced materials and techniques.

1. Aluminium ingots (AL7075) are hot & cold rolled into sheets.
2. Sheets are stretched, Laser cut to accurate dimensions, and drilled on VMC.



3. Honeycomb cores are manufactured, stretched, and cut to accurate dimensions
4. Sheets are prepared for gluing, glued bonded with 52mm Honeycomb.



5. The panel is heated and pressed, to form a sandwich.





MANUFACTURING PROCESS

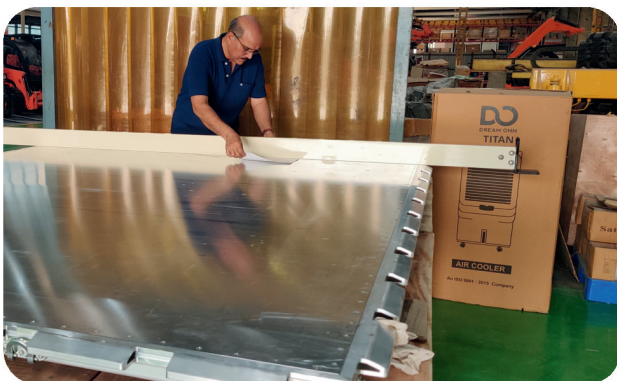
5. The panel is heated and pressed, to form a sandwich
6. Al-7021 alloy edge extrusions are integrated on the panel during final assembly.



7. Each pallet undergoes rigorous testing, certification, and quality assurance (QA) checks during each manufacturing process and before delivery.
8. This process guarantees high performance, durability, and compliance with the 463L standard, making our pallets ideal for military air transport.

Quality Assurance:

Our pallets are subject to stringent QA checks using advanced tools and instruments, ensuring they meet the highest standards for military applications.





OUR EXPERTISE IN MILITARY LOGISTICS

At Classic Tecnologistics and Trade Private Limited, we take pride in being India's only manufacturer of 463L Cargo Pallets, offering world-class solutions for military air transport. Our products are engineered to meet the highest global standards in durability, weight efficiency, and performance, ensuring seamless integration with military aircraft such as the C-17 Globemaster III, C-130 Hercules, and more.

Our innovative manufacturing process, combined with strict quality control measures, guarantees that our pallets provide superior strength and reliability under the most demanding conditions. These pallets are integral to ensuring safe and efficient cargo transport for the Indian Air Force and other military forces.

Project Success and Expertise

We have successfully executed projects worth over Rs. 60 Crores for the Indian Air Force, including the supply of 463L Cargo Pallets and other critical logistics solutions. Our notable accomplishments include:

- Supply of 463L Cargo Pallets for military airlift operations
- Supply of Mobile Containers for field logistics
- Supply of AR/VR Simulators for advanced training exercises

Our Mission and Resources

Our mission is to provide the defence forces with the most advanced and reliable logistics solutions, ensuring mission readiness and operational efficiency. We employ a team of skilled professionals and engineers from defence services, research laboratories, and technical universities, ensuring that each product meets the highest standards of excellence.

Our state-of-the-art manufacturing facilities, coupled with modern electronic and mechanical workshops, enable us to deliver superior products and provide training and support to our valued customers. We are registered with various defence establishments and adhere to stringent business practices, ensuring the supply of high-quality products and services.



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