ENGINEERING & DESIGN

Heliport complete design, structural analysis and detailed drawings

Staffed with highly qualified engineers, our helidecks are designed according to CAP 437, FAA, ICAO Annex 14, and any other applicable international standards.

We manage state-of-the-art software to provide the most efficient designs. Regarding offshore helidecks, our designs are approved and certified by classification societies like DNV-GL, BV or ABS under request.

MANUFACTURE & SUPPLY

Aluminum helidecks and related equipment

We have developed our own line of aluminum planks (Aludeck®) for the helipad pancake. Our range of products includes all necessary elements to get a functional heliport; from the aluminum pancake to a wide variety of related equipment. All the items are prefabricated to be suitable for container or truck transport and easy assembly at site.

All our products have European Certification of quality.

INSTALLATION PROCESS & FRICTION TEST

A simple assembly process

Our aluminum helidecks can be easily assembled at the client’s site. We ship to any location the client request and the helideck arrives ready for assembly. Thanks to our all bolted design, no drilling nor welding must be performed. We prepare and deliver installation kits, including a detailed plan and drawings, to be implemented by local staff under HELITECNICA supervision. In addition, we offer the friction grip tester service for onshore and offshore heliports and the possibility of a turnkey service.
ALUDECK® SERIES

Aludeck® Series is our patented aluminum structural deck, especially designed for elevated helidecks.

Aludeck® can be placed on any kind of structure, and it covers the full range of helicopters in the market.

WHY ALUMINUM?

- Lightweight
- Structurally resistant
- Easy to install
- Marine-grade alloy
- Corrosion-resistant
- Cost effective
- Ready for tailored solutions
- Equivalent to steel (fire resistance)
- Recyclable

Safe Aludeck®

Safe Aludeck® is our aluminum plank that incorporates a passive fire suppression system.

This system allows to extinguish the fire in less than 5 seconds, providing optimal safety measures.

HELINET®

Helinet® is our own perimeter safety net for offshore and rooftop heliports.

Manufactured from stainless steel and aluminum, Helinet® is highly resistant to corrosion, and it does not burn, melt or deteriorate. We also provide a foldable safety net.

HELIPORT EQUIPMENT

We supply all sorts of heliport equipment:

- Visual aids
- Firefighting system
- Landing net
- De-icing system
- Helideck monitoring system
- Rescue equipment
- Non-Directional beacon

info@helitecnica.com
Our helidecks are equipped with the latest safety equipment, and are suitable for extreme weather conditions. Benefits: lifecycle savings, minimum maintenance and long shelf life, among others.

We provide the best solutions for any kind of offshore installation.

- Fixed platforms
- Accommodation vessels
- Jack-up drilling rigs
- FPSO
- FSO
- Seismic vessels
- MODU
- Drilling ships
- Production ships

Markets

**OFFSHORE**

"SEDU LABIN" M.O.D.U.
Crosco - Croatia

"ISAAC NEWTON" O.S.V.
Jan de Nul - Croatia

ALUMINUM CATAMARAN
Armon Shipyards - Spain

PLOCAN
Acciona - Spain

BD3WPP Project
ONGC - India

"WIND OF CHANGE" S.O.V.
Cemre Shipyards - Turkey

"WIND OF CHANGE" S.O.V.
Cemre Shipyards - Turkey
**ONSHORE**

Helitecnica helipads are the perfect choice for hospitals and commercial buildings.

Thanks to the properties of Aludeck® Series, our aluminum landing platforms can be placed on the top of any construction, keeping the resistance of concrete and being much more lightweight.

Some advantages of rooftop helipads:

- Lower environmental impact, especially concerning noise pollution.
- Lack of obstructions for approach and departure operations.

---

**Markets**

- CRUCES HOSPITAL
  Bilbao, Spain

- JESUS CHILDREN HOSPITAL
  Warsaw, Poland

- PARIS LARIBOIÉRE HOSPITAL
  Paris, France

- UNIVERSITY EMERGENCY HOSPITAL
  Bucharest, Romania

- SANTA BARBARA HOSPITAL
  Ciudad Real, Spain

- PUIGCERDÀ HOSPITAL TRANSFRONTERER
  Puigcerdà, Spain-France

- JESUS CHILDREN HOSPITAL
  Warsaw, Poland

- UNIVERSITY HOSPITAL
  Salamanca, Spain

---

info@helitecnica.com