

Application - Aviation and Aerospace

The LOBO System is a re-configurable work platform product that combines the flexibility and strength of traditional scaffolding with the simplicity and mobility of aluminium systems, and no assembly tools are required. This combination provides a versatile access system with applications across Manufacturing, Maintenance and Process Industries.

Key Problems

a) Manufacturing:

Aviation research, development and manufacturing traditionally use bespoke wooden or welded metal fixed frame systems for safe working at height. However, as they cannot be adjusted, they do not meet the changing requirements of these industries. In addition, when not in use, they take up a lot of space and cannot be easily transported.

b) Maintenance:

Plant maintenance requires regular access to elevated areas, which are awkward and challenging to reach, with each task being different from the last. Working at height must be accomplished safely, and traditionally, outsourced scaffolding companies and fixed aluminium tower systems have been deployed. Outsourced scaffolding labour is expensive and not available 24 x 7. Aluminium frame systems are cumbersome, inflexible, difficult to transport and will not adjust to fit into awkward areas.

The Solution

a) Manufacturing

The LOBO System, utilising its unique patented clamp, can be reconfigured and adjusted, without the need for tools, into any shape or size required and no assembly tools are required. Anyone can assemble this simple system, as the components are modular. In addition, LOBO's steel legs and components can be flat packed when not in use and transported easily for storage or utilisation elsewhere.



www.lobosystems.com

Conformities

EU: BS EN1004-1:2020 & EU: BS EN1004-2:2021 (BS 1139)

USA: OSHA CFR 29 1926 450-454 & subpart L & codified under 29 CFR 1910.27(a).

Canada: CSA Z797-18 and 269.2 -M87

Australia: AS/NZS 1576.1:2010 and AS/NZS 1576.3:2015 Tower

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b) Maintenance

Your in-house maintenance crew can assemble The LOBO System quickly, easily and safely around, under or above machinery or aircraft. This means outsourced scaffolding labour costs can be reduced without compromising safety. Areas previously considered difficult to access can now be easily accessed for maintenance and cleaning purposes. In addition, it is available 24/7 and so it puts you in control of what and when you schedule your maintenance tasks.

Product Benefits

a) LOBO is scalable, adaptable and adjustable to meet your ongoing and changing requirements. Add more components or alter your existing configuration to satisfy the demands of the next task. Protect your initial investment with a product that will safely meet all your access needs.

b) LOBO is a rigid and stable product which meets or exceeds current safety regulations. Guardrails can be fitted in seconds at any point in the assembly process.



c) LOBO's steel structure ensures

many years of product life cycle and a system that will not shake or rattle. The system also includes anti-sway braces and outriggers for total rigidity on taller systems.

d) LOBO's modular approach means components are fully integrated and can be hand-carried. Fully constructed systems can also be made mobile by the addition of wheels.

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Cost Benefits

Experience shows that deploying the LOBO system reduces the costs of hiring scaffolding and constructing bespoke access systems. By reducing your reliance on outsourced scaffolding and engineering companies, cost savings will be achieved – easily in 12 months.



With this quantifiable cost reduction comes the added savings associated with reduced downtime and greater productivity from your maintenance department!
Available 24/7, quick to erect and safe, it is immediately adjustable for your next job with no staff waiting time while new fixed-frame structures are built.
Re-configurable, again and again, this product comes with no disposal costs and minimal replacement and ongoing training costs.

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