

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 that has applications right across Manufacturing, Maintenance and Process Industries.

Key Problems

a) Manufacturing:

Aviation research, development and manufacturing traditionally use bespoke wooden or welded metal fixed frames systems for safe working at height. 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 around the plant.

b) Maintenance:

Plant maintenance requires regular access to elevated areas, which are awkward and difficult 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. This simple system can be assembled by anyone, as the components are modular. LOBO's steel legs and components can be flat packed when not in use and transported easily for storage or utilisation elsewhere.



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Conformities

EU: BS EN1004:2004 BS 1139 parts 3 & 4,

USA: Complies to OSHA CFR 29 1926 450-454 & sub part L& codified under 29 CFR 1910.27(a).

Canada: CSA Z797-09 and 269.2 (M87 and -16)

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



b) Maintenance

The LOBO System can be assembled quickly, easily and safely around, under or above machinery or aircraft – by your in-house maintenance crew. This means out-sourced scaffolding labour costs can be reduced without comprising safety. Areas, previously considered difficult to get to can now be accessed with ease for maintenance and cleaning purposes. In addition, it is available 24/7 and so 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. Simply 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 meet all your access needs safely.

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 associated with hiring scaffolding and constructing bespoke access systems. By reducing your reliance on out-sourced scaffolding and engineering companies cost savings will be achieved – easily in 12 months.



With this quantifiable reduction in costs comes the added savings associated with reduced downtime and greater productivity from your maintenance department! Available 24/7, quick to erect – and above all 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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