

## Application – Clean Room



A cleanroom is an environment typically used in hi-tech manufacturing or scientific development with low environmental particles, such as dust, airborne microbes, and chemical vapours. Clean rooms control the level of contamination specified by the number of particles per cubic meter/ft at a specified particle size.

ISO 14644-1 cleanroom standards are used extensively throughout semiconductor, biotechnology, life sciences, pharmaceutical and nuclear research industries. Within these environments, the application of LOBO provides a safe working-at-height solution that is ISO 7 compliant and meets all safety regulations.

### Product Concept

The LOBO System is a simple-to-use work platform product that combines the versatility and strength of traditional scaffolding with the simplicity and mobility of aluminium tower systems.

LOBO can be assembled by any competent person quickly and safely without needing tools. This allows labour costs to be controlled & reduced. Its unique ability to increase productivity whilst maintaining uncompromising safety standards puts the LOBO System in a class of its own.

The system comprises electroplated steel legs of various heights with adjustable top and fixed-side bracing clamps. Tubes are then passed through the hand-tightened clamps to form a trestle. This trestle forms the basis of the system to which sway braces, wheels, guardrails, outriggers, adjustable extensions and even a slider lifting beam can be added to enhance the construction.

[www.lobosystems.com](http://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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### Versatile

The unique and patented hand-tightened clamp, when combined with LOBO components and tube, allows the creation of a work platform system around, under, over or even through any large or fixed object, for example, machinery, a production line or other high-cost asset. LOBO allows safe, working at height access, to awkward to get to areas for maintenance or cleaning, or to facilitate production. Its modular design and versatility can be used in almost any industrial application.



### No Tools and Multiuse.

The unique and patented LOBO clamp allows the system to be assembled without the use of tools and the need for qualified scaffolding engineers. The LOBO System has been designed to assemble by in-house maintenance engineers and technicians who can quickly reconfigure the system, adapting and adjusting it from one project to another. The system can be assembled, disassembled and reassembled quickly and is immediately available, unlike traditional scaffolding that qualified scaffolders must assemble.

### Safe & Secure

The unique and patented LOBO clamp allows guardrail attachment at any point on the system at any stage of its construction. As a result, LOBO makes it possible for personnel to assemble a system without being exposed to the risk of a fall, thereby meeting current safety regulations. Health and safety issues have been considered at every stage, and complete product training is recommended to ensure safe usage.

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## Benefits

### Lowering Costs:

Reduce the labour cost of an outsourced scaffold company. The unique multipurpose versatility and adjustability of the LOBO System bring cost and labour savings. Design illustrations are simple and cost-effective to create using LOBO Configurator.

### Safety:

Guardrails can be fitted anywhere to provide fall protection and maximise safety. LOBO is stable and rock-solid, enhancing efficient performance. These attributes create a safer working environment

### Flexible

The product can be configured into any size or shape to fit into difficult-to-get and awkward areas. No other system can offer this combination of safety, flexibility, adjustability, simplicity and cost-benefit.

### No Tools & Flat Packs:

Spanners, wrenches and hammers are not required, and the fast assembly process means it's quicker than tube, clamp, and other traditional systems. LOBO flat packs so they can be transported and stored easily.

### Expandable:

LOBO will upscale and fully adapt; more extensive and complex systems can be assembled by adding more standard components. LOBO will grow and adjust to any future requirement, protecting the initial investment.

### Training

LOBO Systems always recommends full product training to all users to ensure competency.



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