

Case Study - The Walt Disney Company

Laundry Systems Maintenance

Steam Tunnel laundry systems need repairing, modifying and rebuilding due to constant use and yet must be available every day to carry out heavy workloads.

The troubleshooting of electrical, electronic and pneumatic controls and rebuilding pumps, valves and regulators are all standard daily maintenance tasks.

Laundry Steam Tunnels are tunnels filled with steam that is blown by a large squirrel fan driven by an electric motor at the top of the unit. The purpose of such a device is to give garments made of a mixture of poly and cotton fibres a 'pressed' look without actually having to press them. A Steam Tunnel can process hundreds of garments and uses an assembly line process.



LOBO provides easy top access

The garments are hung on a conveyor belt that takes them through a steam-filled tunnel heated to the correct temperature to bring about relaxation of the fibres within the garment and eliminate any wrinkles.

The Problem

The top of the Steam Tunnel is not normally load bearing and has no edge protection system, and access to service the top of the Steam Tunnel is required to perform preventive and corrective maintenance and so a safe system needs to be put in place to resolve these issues.

The Solution

The LOBO System is a work platform scaffold product that combines the flexibility and strength of traditional scaffolding with the simplicity and mobility of tower systems but is much more versatile, and no assembly tools are required.

It can be made into any shape or size and is perfect for maintenance and production applications.

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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

The LOBO System flat packs for transportation and is easy and quick to erect, versatile and strong. Options include an integrated sliding lifting beam and the TowerStore, a secure storage unit.

Your maintenance crews can assemble the system quickly and safely around, under or above machinery, vessels or conveyors and specifically in restricted areas. Your maintenance tasks can be better controlled, and outsourced scaffolding labour costs can be reduced without compromising safety.

The LOBO System can be configured to meet these requirements, produce a work platform for safe access to the top of the Steam Tunnel and provide an edge protection system around the top perimeter.

The LOBO System can be adjusted and bespoke designed to access side panels on the tunnel.

Lint, which needs to be removed every 3 hours, prevents the necessary cooling and this can create a fire hazard if not dealt with properly.

The electric motor requires inspection every 2 weeks and may need to be removed every 6 weeks, for closer inspection.

The LOBO Lifting Slider Beam can be configured and an integral feature to provide the lifting solution.

Product Benefits

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

c) The LOBO System's steel structure ensures many years of product life 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) The LOBO System's modular approach means components fully integrate and can be hand-carried.



Edge protection

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Cost Benefits

Experience shows that deploying the LOBO System reduces the costs associated with hiring and the labour costs of constructing traditional scaffolding.

By reducing reliance on outsourced scaffolding, cost savings will be achieved – usually well within 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 task 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 competitive ongoing training costs.

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