

CHOOSING THE RIGHT HEIGHT

A Guide to Choosing the RIGHT PRODUCT



How To Choose The Right Tower For The Job

A -Consider the type of work you're doing.

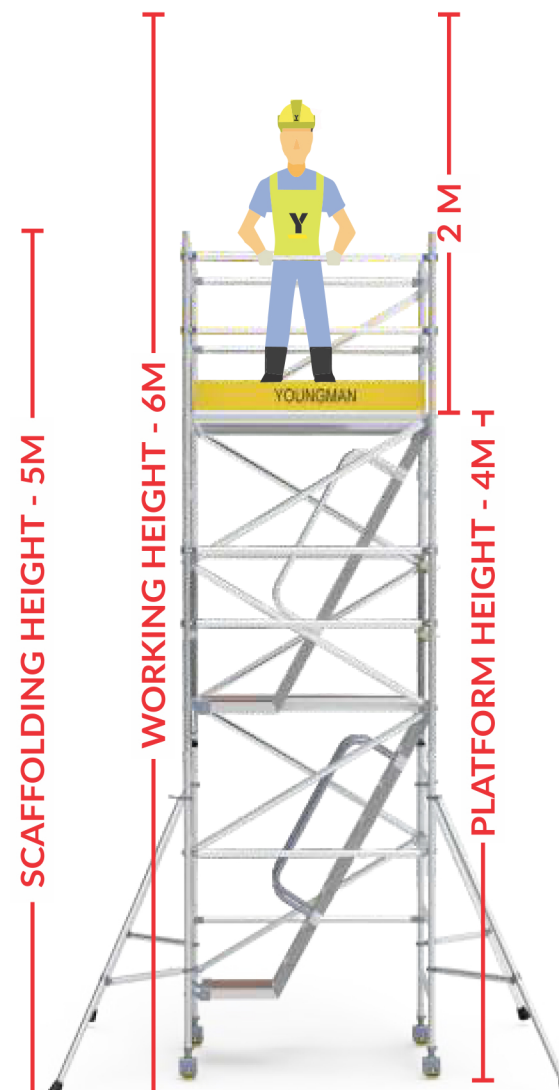
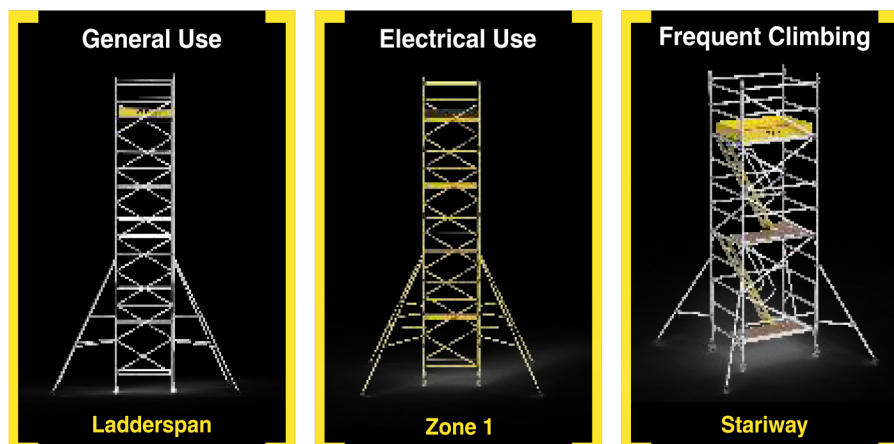
Have you completed a risk assessment to determine you are using the right type of equipment ?

If you need to work at height for long periods of time, for example, over 30 minutes, a tower may be a suitable choice over traditional equipments like ladders.

What Requirements do you have ?

From standard tower to unique product solution, BoSS towers are designed with specific job in mind.

The matrix below will give you an idea of suitable products depending on your requirements.

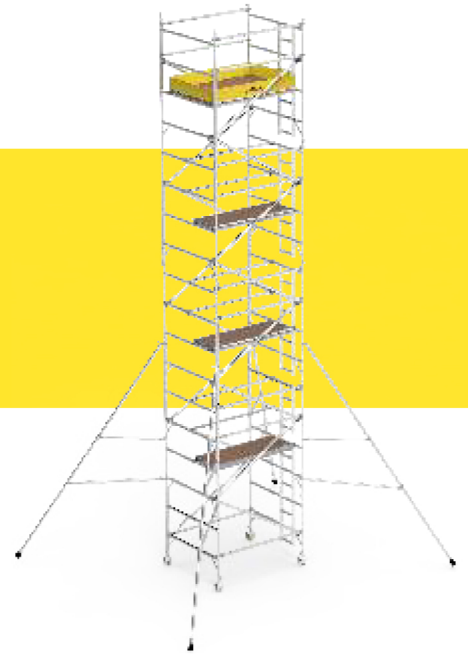


BOSS RANGE

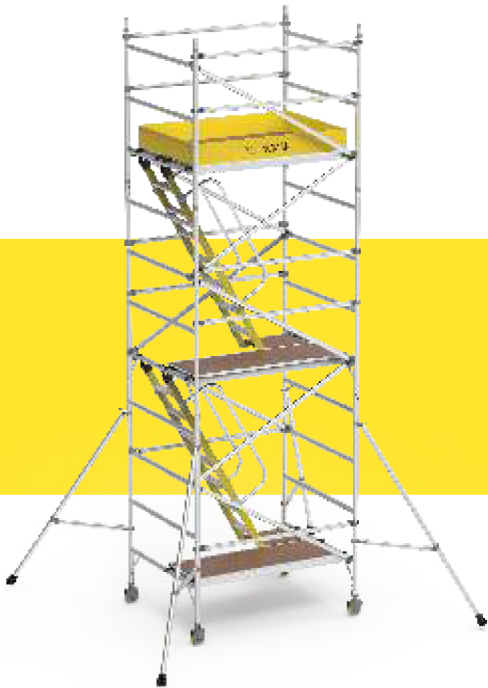
Youngman's BoSS scaffold range is a market-leading tower technology designed for professional users and manufactured with cutting-edge technology to assure consistent safety and quality. It is renowned for its strength, stability, and safety.

BOSS towers can be equipped with stairways, bridge scaffolds, cantilevers scaffolds, and rail trollies thanks to the different frame options. They're meant to be quick and simple to build, and they come with leading safety features including 3T - Through the Trapdoor construction method, ribbed rung tubing for improved grip and with internal ladders for safe and comfortable access.

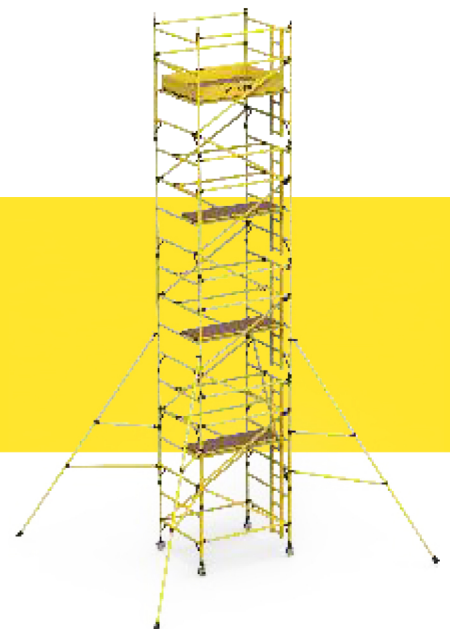
LADDERSPAN



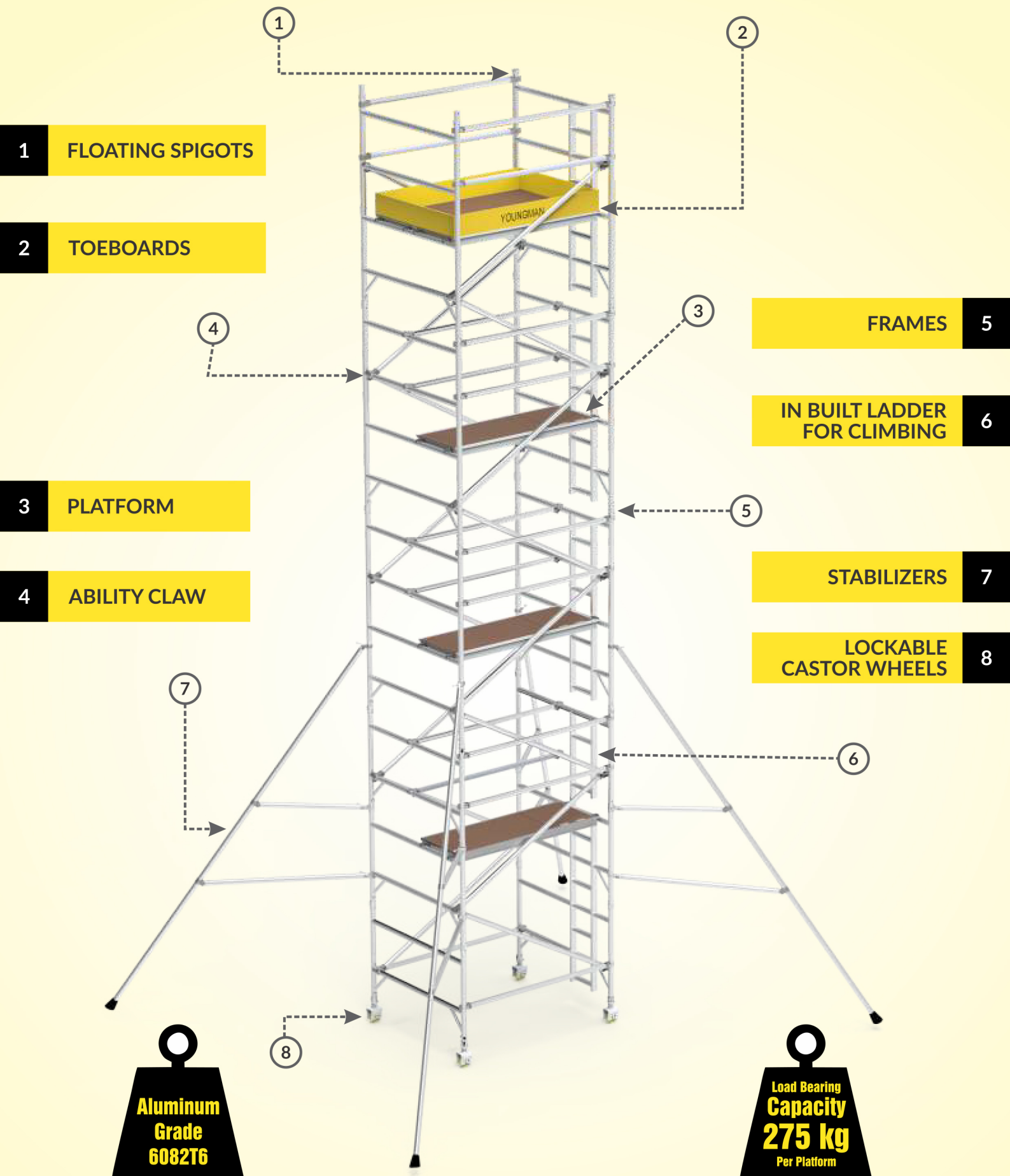
STAIRWAY



BOSS ZONE 1



TECHNICAL SPECIFICATIONS



LADDERSPAN

The BOSS LADDERSPAN is a smart platform scaffold for professionals in all industries that includes a modular platform tower system that is adaptable for use on both indoor and outdoor projects.

The ladder-equipped tower system makes it possible to safely ascend and descend to the working area. For the BOSS Ladderspan tower system, a variety of 0.85m and 1.45m frame widths in 1.8m or 2.5m platform lengths are available.

Our constantly evolving design makes sure that diagonal bracings are placed between frame joints, allowing only vertical weight to be applied to the joints. They have guardrail in place before operator ascends at every platform making it very safe to use.

WHY LADDERSPAN ?

- Extremely simple to assemble and dismantle
- It is lighter because there are fewer components.
- Moves easily
- Height adjustments are possible every 500mm.
- Meets EN1004 requirements



275 kg per platform



950 kg per tower*



EN 1004:2004 **TUV NORD**

TECHNICAL SPECIFICATION

DOUBLE WIDTH 1.45m

Platform (LxW)

1.8 x 1.45m

2.5 x 1.45m

SINGLE WIDTH 0.85m

Platform (LxW)

1.8 x 0.85m

2.5 x 0.85m

*Including Self Weight of the Tower



BOSS ZONE 1

The FRP (Fibreglass) electrical shockproof Scaffold Tower- Boss Zone 1 is the top industrial fibreglass access tower in the world and is based on the well acclaimed BoSS aluminium tower. This tower is non-conductive and non-sparking, making it ideal for regions with a risk of electrocution. They are also non-reactive in chemical zones, making them useful in situations where aluminium or steel scaffolding is inappropriate.

While being as strong as aluminium or steel, the non-corroding fibreglass is easy to handle in all weather conditions because it doesn't get particularly hot or cold. Even in slippery situations, ribbed rungs on built-in ladders provide a secure grip. All of the safety measures you would anticipate from a Youngman are included in the Zone 1.

WHY ZONE 1 ?

- Electric shock-proof, non-conductive components for application around electrical hazards
- Non-corrosive, ideal for use in close proximity to chemical risks
- It may be installed on a rail trolley, making it more suitable for use in electrical applications on railway line and metro rails.
- Simple to use and clean, making it ideal for environments that priorities cleanliness
- Authorized for use in essential Zone 1 sites.



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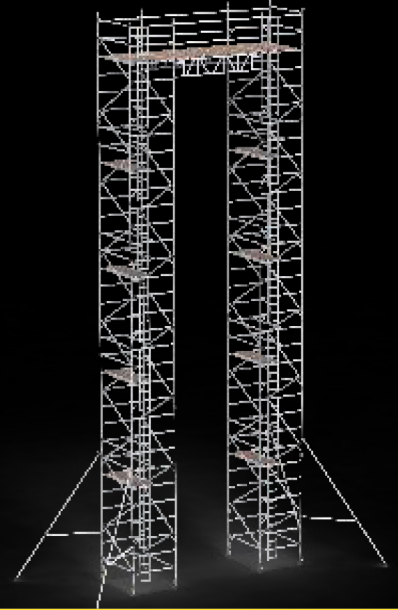
ATTACHMENTS

For Ladderspan, Stairway Tower & Zone 1

BRIDGE SYSTEM

BOSS Aluminum access towers are attached to aluminium lattice beams to create a broad, uninterrupted safe working space or to climb over barriers.

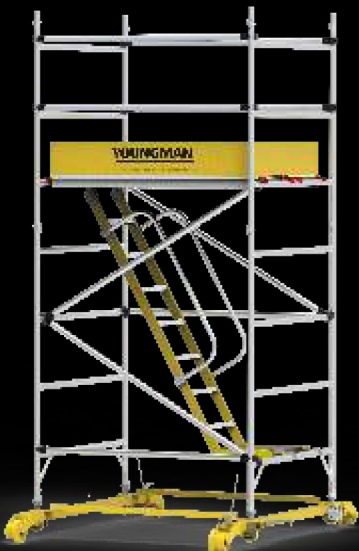
Available in four lengths—1.9 metres, 2.5 metres, 3.1 metres, 4.1 Meters and 6 meters—that may be used with Boss 1.8- or 2.5-meter-long deck length single- or double-width towers. It uses common deck sizes and provides quick, gap-free, trip-hazard-free platform building with locking claws.



CANTILEVER SYSTEM

Boss Cantilever is a type of scaffold that is built to angle out from a structure .The platform can be extended parallel to the tower or in front of the tower to the width option of 0.85m or 1.45M. Cantilever Ladders provide access to otherwise unreachable areas by means of an extended platform at the top of the ladder.

Cantilever Ladders are perfect for accessing tanks, shelving units, storage containers, or anywhere else a standard ladder cannot reach while providing a safe, stable working platform. Counterweights are must to ensure the stability of the tower.



RAIL TROLLEY

The Rail Trolley is designed to use 'On-Track' in conjunction with the Boss Zone 1 and the 1450 Stairway/Ladder span tower system to Access areas above the rail head.

Each Scaffold trolley is equipped with a fail safe braking system and is supplied with brake handles.

The scaffold trolley complies with RIS- 1701-PLT.

FITOUT MASTER

Fitout Master is an excellent access solution for interior design and maintenance projects, and it's simple to transport, store, and install. They're adaptable for inside use, fitting through tight spaces to complete any indoor work-at-height task, and they're light enough to move around easily.

WHY FITOUT ?

- They are extremely portable and modular
- Simple to store and transport
- Operated by a single person
- Moves through standard doorways and hallways
- Adjustable platform height change of 0.26 metres.
- Platform Height from 0.72 to 6 Meters



TECHNICAL SPECIFICATION

Platform Height	0.7m - 6m
Platform Size (LxW)	1.8 x 0.7m



EN 1004

*Including Self Weight of the Tower

SITE PHOTOGRAPHS



SUSPENDED SCAFFOLD

YOUNGMAN'S OVERHANGING SCAFFOLD

Light Weight

Time Saving

Less Manpower Needed

Less Volume

No Ground Space Restriction

Proper safety as per EN standards

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The Experts in Safety... Since 1947

TECHNICAL SPECIFICATIONS

Load Capacity	2.5kN/m ²
Platform Dimension	1.8m x 0.4m
Beam Length	4.1m & 6.1m
Aluminium Grade	6082T6
Tested By	Intertek
Height Range	Up to 30m (*Can Go More Depending on Site Condition)

