

ULTRA ACCESS

Correct Installation of a Rope and Wheel

The NASC TG Compliant way to do it...

What are Rope and Wheels?

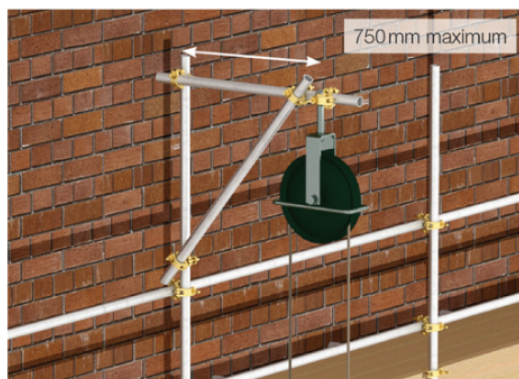
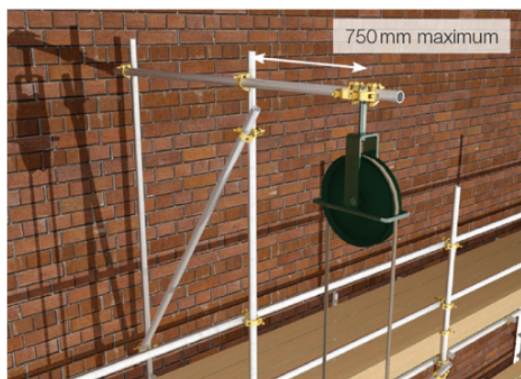
Otherwise known as Ginny Wheels - they are used as the primary device for lifting / lowering materials from (usually) the ground up on to the scaffold (and vice versa), and have been used in the scaffolding industry for the better part of 100 years, to one degree or another.

Generally 18mm thick "Polysteel" Rope is used as part of, and to complete the Rope and Wheel set up, with 1.5m / 5ft "Tails" added to the ends of the rope using Figure of 8 knots to tie materials off.

Installed using Scaffolding Tubes with Load Bearing Couplers (Doubles, Swivels, Band & Plate) ONLY and should not exceed 750mm from the outside connected Node Point to the centre ring of the Wheel.

They should be installed correctly, as per **NASC TG guidance** shown here, with both configurations being suitable.

BE AWARE: that to overload these past their **50kgs limit** could result in serious injuries and/or damage to property.



*Images used from current TG Operational Guidance book, owned by NASC

The 2 recognised installation configurations, with regards to a Rope and Ginny Wheel - to be used with 18mm Rope ONLY

The wheel-type in the infographic above is the "classic" style, with others available on the market which are marketed as "safer" alternatives to use, but these - whilst significantly safer, do have their drawbacks.

Modern auto-locking wheel-types are becoming more prevalent within the industry, but its a bone of contention with many scaffolders favouring the classic type over these newly created and innovative alternatives.

Regardless of the preference: Modern or classic, many scaffolds could not be built without these historic and handy pieces of kit.



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