

YOUR LES®

QUICK GUIDE

TO

RATCHET STRAPS



WHAT IS A RATCHET STRAP?

Ratchet Straps are typically made from polyester mesh and are a key component in tying down and securing cargo during the lifting process.

They are also known as tie-downs and can help ensure all cargo stays in place and does not move or shift during transportation.

IMPORTANT FACTORS TO REMEMBER WHEN USING RATCHET STRAPS

Always make yourself aware of the working load limit (WLL) of your strap(s)! You can typically locate the WLL on the webbing of your strap with it being clear to identify the weight restrictions and read the correct handling requirement.

The WLL gives you an indication of how much weight the version you are using can handle before getting damaged or to its breaking point. We recommend that you always consider the WLL, as if ignored, can potentially lead to personal injury and become costly due to mishandling or breaking of goods being carried.

“ WLL gives you an indication of how much weight the version you are using can handle ”

WLL UP TO 10
TONNES

MBS UP TO
10,000daN

WIDTHS UP TO
100MM

LES
LIFTING EQUIPMENT STORE®

WHEN SHOULD I USE A RATCHET STRAP?

When transporting loads on the back of a vehicle or securing general cargo. You must be sure that all goods are firmly secured before beginning, as failure to do so can result in dangerous consequence.

DIFFERENT TYPES OF RATCHET/LASHING STRAPS

There are a number of different types available, and depending on the weight and size of cargo will depend on what version you need. The strength of a strap should always be shown on its label, as the Lashing Capacity (LC), and measured in decaNewtons (daN), which gives the user the weight and size that the assembly can handle.

It is very important that when using a tie-down strap that you take into account the break strength and working load limit, which determine what strap you need to undertake your operations safely.

This type of securing equipment is rated by its weight capacity, which can range from 140kg for a light strap, all the way up to 5,000kg (5 Tonnes) for heavy-duty models, therefore, it's important to understand the weight of your cargo before making a purchase.

WHEN DO I NEED TO REPLACE THEM?

The Health and Safety Authority explains how employers and self-employed have legal duties to assess the risks of what they do and provide suitable equipment, information, and training so that drivers and loaders can load vehicles safely.

If there are any frayed webbing, mildew, or any holes or tears in your lashing straps, you should stop using them immediately and purchase a new one, as you severely risk them not being fit for purpose.

“ It's important to understand the weight of your cargo before making a purchase ”

OTHER RECOMMENDATIONS

It is extremely important that you monitor your equipment to ensure that they are safe for use, however, that doesn't mean that you must always replace them, but just give them a tidy up. It might be that your ratchet assembly needs lubricating, in which case you can use a small spray of dry silicone or WD-40 to reduce stiffness.

When you're not using your ratchet straps, it's good practice to store them in a weatherproof, dry, and dark container, so they don't get damaged, and wrap the webbing with a rubber band to stop unravelling.

If you use your straps for carrying heavier loads and sharper-edged items such as steel, concrete, and scrap metal, which can inadvertently damage the strap material, we recommend using corner webbing sleeves to protect the straps.

APPLICATIONS OUTSIDE OF CONSTRUCTION

SECURING VEHICLES: Transporting vehicles can be extremely nerve-wracking, especially if they are expensive. Additionally, if your cargo is unstable, it could you and other road users at risk.

ASSISTING STUCK VEHICLES: If you have a car that has broken down on the side of the motorway, or stuck in mud/snow, ratchet straps can be attached to another vehicle to help pull the vehicle.

BICYCLES, CANOES, KAYAKS: If you decide to go on a family trip, you may need to find a way to secure your recreational items. Ratchet straps are ideal for this type of equipment, allowing you to use your own instead of extortionate rental prices.

TREES & STUMPS: Trees can often be awkward to transport, but this supportive material can help tie-down smaller trees (such as Christmas Trees) to the roof of your vehicle.

FENCES & GARDEN LANDSCAPING: Transporting fence panels and other garden materials can be challenging, but a lashing strap is the perfect invention for tying down big blocks of wood/fences and delivering them to your desired location.

DIY: Thinking outside of the box, you can use this stretchy equipment to help hold items together whilst waiting for silicone/glue to dry. Ratchet straps can help compress two items together to ensure that all angles are stuck together, and your home project is completed to perfection.

OUR MOST POPULAR RATCHET STRAPS



**LASHKING 50MM
RATCHET STRAP 5000KG**
MBS
From £8.33

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**LASHKING 50MM
RATCHET STRAP 5000KG**
MBF
From £7.74

[READ MORE](#)



**LASHKING 75MM
RATCHET STRAP**
10,000KG MBF
From £34.50

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DO YOU NEED ANY RATCHET STRAPS?

At Lifting Equipment Store, we stock a wide range of ratchet straps, suitable for the majority, if not all, tie-down operations.

For further information on large quantity orders, please contact a fully trained member of our Sales Team. At LES, we have the capacity to supply container volumes of webbings and ratchet tie-downs at factory prices.

PLEASE NOTE: Prices are subject to change since the time of guide creation