

CLARK TRACKS high performance for maximum work life

FOREST MACHINE TRACKS



BUILT WITH PRIDE ENGINEERED ON EXPERIENCE

With nearly 40 years of expertise, Clark Tracks has established a strong reputation as a trusted supplier of high-quality forest machine tracks to the world's leading forestry equipment manufacturers.

Since early 2025, Nordic Traction Group has centralized all track and chain manufacturing under one roof at a state-of-the-art facility in Loimaa, Finland.

We take pride in supplying high quality products and service to every customer, worldwide.

clarktracks.com

Three levels of selection in order for you to find the best suited track for your machine.

Machine &

Terrain 😜 🕡 🔾



Great care should be taken when selecting tracks as some will perform better than others in specific terrain. Although Clark Tracks cannot make exact recommendations due to the fact working conditions, machine or tyre limitations and terrain can vary considerably, our website aims to help all customers make an informed decision.

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Design & Quality

Grouzer

CX HD

Single Wheel

Grouzer HD

CX

Designed and manufactured in our own dedicated track production factory by skilled engineers, trained in all aspects of track manufacture. This allows us to react quickly and economically to customer requirements and ensures that we have control of all aspects of manufacture and quality control.

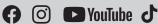
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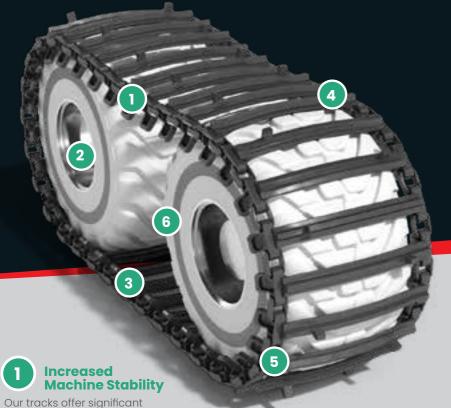




Why Choose Clark Tracks?

Every set of Clark Tracks are manufactured from special boron alloy steel. The durability and toughness of the steel is maximised using specialised induction heating processes. Specifically designed and manufactured

steel sections and forgings are used to give high performance combined with the longest possible working life. Each set of tracks has been manufactured for use with a particular tyre and should only be used as recommended by this handbook.



improvements in the stability of a machine by increasing the traction footprint and lowering the machines centre of gravity. This is particularly advantageous on steep slopes with loader crane movements.



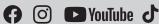
Putting the link system close to the effective rolling radius of the tyre reduces the drag the track adds to the machine / transmission.



Clark Tracks Lite-Link System combined with our advanced flotation profiles (see tracks in the FL, TXL and TXCL ranges) have been specifically designed to minimise ground disturbance by reducing pressure on sensitive soils and ensuring constant levels of grip and traction.









Increased Traction

Using our tracks will significantly increase traction over normal tyres. This allows forest machines to climb slopes and negotiate obstacles that would otherwise have been impossible.



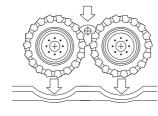
Reduced Ground Pressure

Using our tracks will increase the overall footprint of the machine and spread its weight over a much bigger ground contact area. This reduces ground pressure by as much as 50% or more over normal tyres and allows machines to be driven in conditions often impassable without tracks.



Tyre Protection

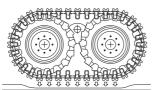
Clark Tracks are compatible with a wide range of tyres, offering protection from punctures and other damage, and in many cases, increasing the overall lifetime of the tyre.



BEFORE

Bare Tyres:

- Increased Ground Pressure
- Less Flotation
- Deep Ruts
- Soil Disturbance and Compaction



AFTER

With Clark Tracks:

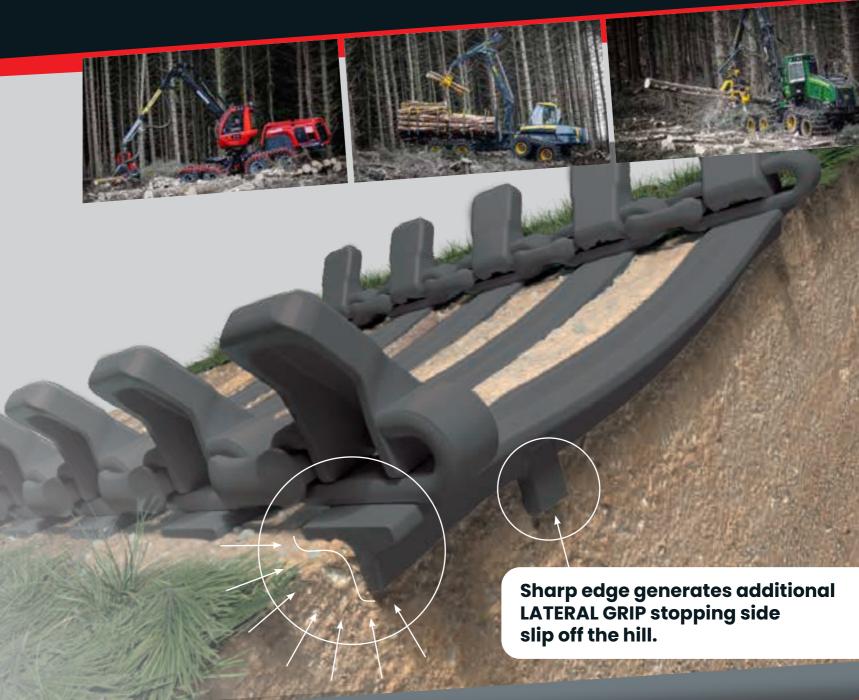
- Increased Contact Area
- Lower Ground Pressure
- Increased Flotation
- Greater Machine Stability
- Increased Traction
- Reduced Ground Disturbance

Lateral Traction

Tracks in our DEMANDING and MULTI-TERRAIN class can either have standard width plates (ends on the C-Link) or extended for additional traction and flotation. In most cases these are finished with a square edge to reduce side slippage on icy forest roads or when traversing moderate slopes (traversing slopes should be avoided if possible to eliminate risk of machine roll-over).

Tracks for FLOTATION (sensitive and soft ground) are available with extended plate widths, for example; TXL and ATF. These tracks feature upturned edges to reduce soil damage whilst steering and reduce root or brash cutting, making them particularly suited to thinning operations.

- No slippage off hill
- Cut edge generates Lateral grip
- No lost time on job
- Profits kept to a maximum
- No driver frustration
- Two edges gripping laterally
- Additional spikes can be specified to most tracks to increase forward and lateral grip







ALL TERRAIN, ALL SEASON

Terra85 is the ultimate all-terrain, all-season track. Featuring a double grouser track plate, grip and flotation are assured along with heat treatment for cold weather durability. The low profile also means less vibration and a smoother ride.

TRACK USAGE GUIDE















HEAVY DUTY ALL TERRAIN, ALL SEASON

As the Heavy Duty counterpart to Terra85, our Terra95 tracks provides all the benefits of the Terra85 such as reduced vibration and cold weather durability to the heavier machines. The Terra95 is also suitable fo Scarifying and Skidder operations

TRACK USAGE GUIDE

Machine

Climate

Ground































THE NEW LEVEL OF **PRODUCTIVITY**

Introducing our ultimate all-terrain, all-season track, engineered to boost productivity in any environment. The innovative Adjustable Haggis Link makes tensioning fast and easy. With an optimized profile, it delivers the same bending resistance as the Terra95 while being 30% lighter, ensuring unmatched efficiency without sacrificing strength. Built for year-round performance, it effortlessly clears snow and mud, withstands rocky terrain, and provides exceptional grip with double spikes and 15mm extensions.

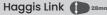
TRACK USAGE GUIDE





















EASY AND ERGONOMIC TENSIONING

TerraX introduces the innovative Adjustable Haggis Link (AHL), setting a new standard in convenience, replacing traditional joining links to make tensioning faster and easier than ever.

Each AHL offers 60 mm of tensioning, and with nine per track, you achieve an impressive 54 cm of total adjustment. Paired with our user-friendly tool, a single link can be tensioned in under two minutes, streamlining maintenance like never before.

TerraX with AHL will be available for order in H2 2025. Until then, you can order TerraX with traditional joining links.



















AGGRESSIVE HEAVY DUTY ALL TERRAIN

FXS is a leading development of the Terra95 track. Each plate has two large paddle spikes that bite the toughest terrain to provide excellent traction. The durable design gives extra stability and flotation to provide confidence driving in arduous terrain.

TRACK USAGE GUIDE









Haggis Link 28mm











THE BEST CHOICE **FOR DEEP SNOW**

Artic tracks are great for all-year use on areas with heavy snow in the winter months. Wide spaced square section track plate design prevents mud and snow from packing between the plates and tyre, they also offer flotation on soft ground. The design ensures superior grip and traction to machines working in demanding conditions.

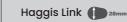
TRACK USAGE GUIDE



Ground



Flotation

















ALL-TERRAIN



DEFAULT CHOICE FOR DEMANDING TERRAIN

The Grouzer is a popular track with outstanding traction and climbing ability. This track is able to cope with almost any terrain and machine. Clark Tracks, "Grouzers" are the choice of the professional looking to challenge the toughest terrain.

Flotation ••••

Haggis Link 128mm

TRACK USAGE GUIDE

Machine 🚣 📣

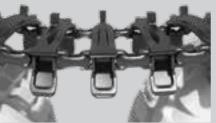












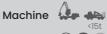




CLIMBING XTREME FOR STEEP HILLS

CX is a further Grouzer development, featuring wide paddle spikes, doubled up on each track plate. This track is best suited to Harvesters and light to medium Forwarders. They give peak performance for climbing with unsurpassed traction.

TRACK USAGE GUIDE











Grip

















THE HEAVY DUTY **OPTION FOR DEMANDING TERRAIN**

This Heavy Duty development of Grouzer has been designed with all the traction and climbing qualities of the original Grouzer. Grouzer HD has a thicker core to support heavy forwarders and skidders.

TRACK USAGE GUIDE



Climate (1)





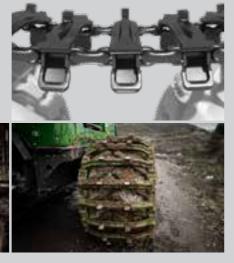


Flotation











HEAVY DUTY CLIMBING XTREME

CX HD in a new Heavy Duty development of CX, a member of the Grouzer family. CX HD has a thicker core to support heavy forwarders and skidder. Designed with the same aggressive spike pattern as the original, CX HD provides maximum traction in the most demanding terrain.

TRACK USAGE GUIDE

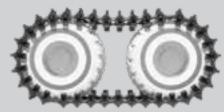


Climate (III)



























GROUZER SINGLE WHEEL

A single wheel track that delivers maximum climbing capability for 6-wheeled machines. Grouzers give exceptional traction and require less maintenance than tyre chains

TRACK USAGE GUIDE





Climate (1)







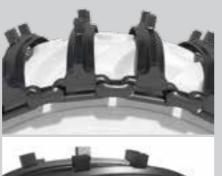




Flotation ••••











GROUZER HD SINGLE WHEEL

Grouzer HD single wheel track delivers maximum climbing capability for Heavy 6-wheeled machines. Grouzer HD's give exceptional traction and require less maintenance than tyre chains.

TRACK USAGE GUIDE



Ground 🚇 📦



















SINGLE WHEEL





ULTRA FLOTATION

TXL tracks are in a class all of their own when it comes to flotation. Numerous studies have proven that TXL offers the best traction and lowest ground pressure of any track. The flexibility of our production enables many options. Typically Asymmetric and Symmetrical extensions are available in any width required by our customers, enabling operations on the most sensitive soils with minimal ground disturbance.

Flotation

TRACK USAGE GUIDE









EXTRA









TXL is the Ultra-Flotation track designed for the forest.

The 4 grousers provide better traction than any other professional use flotation track ensuring you can keep moving forwards. Inside, a high single grouser provides good grip between the track and tyre, even in wet and boggy conditions. TXL can be specified in a variety of widths, typically 930mm or 1000mm for 710/45-26.5 Tyres. Extended width TXL can be specified as either Symmetrical or, where clearances are tight, asymmetrical is possible.









ALL YEAR, ALL TERRAIN FLOTATION

ATF is designed for use in wet marshy conditions and also snow and ice. An advanced design is used to enable better cleaning and ejection of snow and mud. Wide and upturned edges give flotation whilst a pinched midsection generates traction.

TRACK USAGE GUIDE



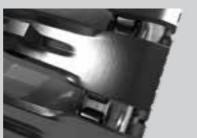
Climate (1)





Haggis Link (1) 28mm









EXTREME FLOTATION

Flotec is an extreme flotation track for very soft and wet terrain. Excavator-style track plates are flat and wide, and have a very short distance between the plates. High side paws make sure the tracks stay on the tyre.

Flotec tracks minimize the ground pressure as the the surface pressure is distributed evenly across the flat track plate. This way maximum flotation is achieved and soil damage is kept to a minimum.

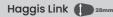
TRACK USAGE GUIDE























FLOTATION





GRIP AND FLOTATION

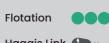
TXGL is the best of TXL and Grouzer combined to get forest machines through the wettest and marshiest ground and then climb demanding slopes with ease.

TRACK USAGE GUIDE



Climate (1)

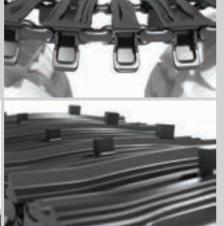














TERRAX COMBI

TXC takes advantage of the legendary TXL and combines them with the traction of the TerraX track. This gives better climbing effort than the standard TXL. TXC tracks are the leaders in mixed; soft terrain and demanding slopes.

TRACK USAGE GUIDE





Flotation

Haggis Link 1 28mm















FLOTATION

Spare Parts

At Clark Tracks we carry a large stock of spare parts to suit all our track models that can be shipped anywhere in the world at short notice.



QTT415 Universal Track Tensioner

The Universal Track Tensioner is installed between the track end links. The tracks are then tensioned one side at a time, using a battery operated ratchet gun, ratchet wrench or



Track End Plate Links

Available to suit Clark 24mm or 28mm track repair links, end links can be welded onto the tracks of any make or model during refurbishment.



Track Tensioner Tool QTT400

For fast, easy tensioning this tool fits tracks without extensions. Adjustment is via a 3/4" drive ratchet and 38mm socket onto the end nut (not supplied).



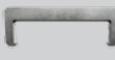
Track Joining Links

Available for 24mm and 28mm link systems and Long and Short lengths. Clark Tracks Joining Links are designed for ease of use. Forged from heat treated boron alloy steel for maximum hardness and strength.



Track Tensioner Tool QTT401

Tensioner for tracks with extensions. The extended fork legs allow the tensioner to be engaged on the inside of the track links.



Fitting Staples

Fitting staples make track tensioning even easier. Used in line with the Quickie Track Tensioner, these devices hold the track in the correct position for fitting to the machine.



Track Tensioner Tool QTT402

For single wheel Grouzer tracks without side paws, the QTT402 features high strength pins to engage the tracks and tension with ease.



Repair Links

Forged links and track plate end links are available in a range of sizes for the repair of all types and sizes of tracks. They are manufactured from heat treated boron alloy steel for strength and hardness, resulting in a durable, hard wearing link.



Track Tensioner Tool QTT403

Angled tensioner for single wheel tracks with side paws.



AHL Track Tensioner QTT101

Lightweight & compact tensioner for Adjustable Haggis Links, working range 100-190mm.



AHL Track Tensioner QTT201

Lightweight tensioner for Adjustable Haggis Links, working range 220-420mm.

Anti-Skid Spikes

Anti-Skid spikes are designed to stop the forest machine sliding sideways when crossing side slopes. They are normally between 40mm and 50mm in height, depending on track model, one spike per plate alternating left and right from track plate to track plate.

Spikes are available in a range of sizes for welding to forest tracks. Manufactured from heat treated boron alloy steel which is easily welded, these spikes combine hardness with strength.

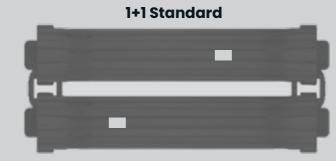
Depending on track model and expected usage, various spike may be available to you.

The following options may be available.

- No spikes at all for level ground and forest
- Two spikes per plate (one each side)
- Higher and lower height spikes (40mm, 50mm and 60mm in stock)
- Spikes welded to different position on track plate
- Paddle Spikes 100mm wide by 50mm high, for ultimate climbing
- Road Spike where the spike is at the outside of the plate, above the link











Clark Tracks technical department will advise options and possibilities.

Customised Tracks

Although we offer a wide range of products at Clark Tracks, we understand that there are a number of variables that affect your selection, such as ground and working conditions or machine type.

If you find that none of the tracks shown meet your needs fully, we can customise our existing track products to suit customer requirements or, where viable, will consider the design and manufacture of a specialist track.

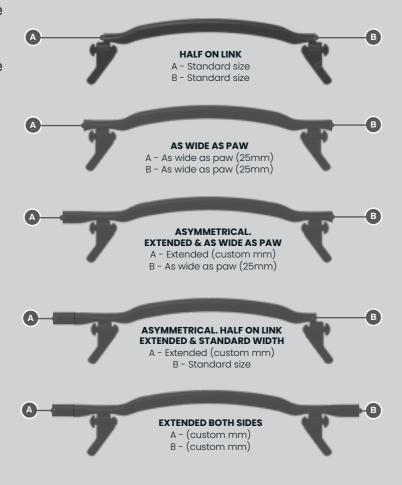
Extra Plate Width

It is often possible for us to increase the overall width of the track by simply increasing the length of the track plate during manufacture. We therefore offer the following track plate options:

- Extended both sides
- Extended more on one side than the other. Often done where there is little clearance between machine bodywork and tyre side wall
- Folded down track plate ends.
 It should be noted that this is not always possible.

Extra width options are limited by track model and tooling constraints. Please email Clark Tracks technical department to discuss options and availability.

Asymmetrical **(A)** & **(B)** width sizes can be manufactured to suit you needs.



Flat Plate Option

To maximise flotation, you can order the following products with flat track plates: Terra85, Terra95, TerraX, Grouzer, TXCL, TXGL and TXL.



Driving with Tracks

Tracks increase machine stability, offer increased traction and flotation. However, in order to obtain maximum advantages from using tracks, the following points should be duly observed:

- The correct track must be selected for each task, considering terrain, machine size and type, tyre type and size to which the tracks will be fitted, driver experience and working practices
- Tracks must be correctly fitted and tensioned
- Tracks should not hit or foul any bodywork

- Special note should be made of tracks which have worn anti-skid spikes.
 These spikes prevent lateral sliding of tracks, particularly on side slopes and should be replaced when worn
- Tyres must be inflated to correct working pressure - usually maximum permitted tyre pressure. (See website for more details)

Driving Speed

The maximum driving speed with tracks should never exceed 12km/h.

This applies even on flat smooth surfaces or forest roads. Speeds should be considerably reduced in the forest and reduced further with a loaded Forwarder and when operating on extreme terrain.

Repairs & Support

Please consult Clark Tracks
Technical Support Department
prior to commencing repairs.

+358 207 927 511 clarktracks@clarktracks.com





Track Identification and General Rules

Each set of tracks carries identification badges giving the exact tyre size and tread pattern for which the track was designed. Also included here is date of manufacture and serial number. It is essential that the correct track is used for each tyre type.

It is essential that the correct track is used for each tyre type.

As a general rule, close spaced tracks with wide plates are better suited to soft terrain. Wider spaced tracks with narrower plates are better suited to harder terrain and steeper slopes, offering greater climbing ability.

However, it should be noted that tracks with close spaced plates are not suited to use in heavy snow conditions or some types of sticky mud conditions. This is due to the potential of material being unable to escape between the track plates and building up

between track and tyre which can, in extreme cases, cause machine bogey transmission problems.

Each set of tracks carries identification badges giving the exact tyre size and tread pattern for which the track was designed. Also included here is date of manufacture and serial number.

Running-in Your Tracks

When tracks are new, they will quickly slacken off over the first few days of use and will require retensioning.

Retensioning involves the replacement of long track links with short track links and then the removal of one full track plate in order to maintain correct tension. This process should be done using the Clark Tensioner Tool as described in the following fitting instructions.

This slackening of new tracks is not any form of material stretching, but simply a bedding in process of the many components in the track.

It can be expected to retension tracks frequently for the first week of work, with this task becoming less frequent as the tracks bed in. It is also expected to have to remove one complete track plate within the first three or four weeks of work and perhaps a second track plate after three to six months of work.

The amount of wear experienced by the track link over it's working life is dependent upon the abrasiveness of the terrains together with the load and tension experienced by the tracks. (Overtensioned tracks will wear more quickly).

After the initial bedding in process, retensioning will become less frequently required.

Tensioning of Tracks

Tracks should be run with as low a tension possible providing that:

- The tyres are not slipping and spinning inside the track
- 2. The track is not falling off the tyres
- 3. The track is not hitting the bodywork or any part of the machine
- 4. No damage to the tyres from the tracks

Tracks which are over tensioned unnecessarily will stress axles and hub bearings and increase tyre and track wear. Recommended track tension gives a sag of between 40mm to 70mm in the center of the track between the tyres.

CHECK TYRE PRESSURES REGULARLY

Track Delivery

The tracks are supplied in four sections, with two joined sections used per side of the machine. They are manufactured in standard lengths based on tyre size and may be too long, requiring removal of one full track plate section to achieve

This depends on tyre wear and can vary by machine type and bogie design.





This task should only be carried out by a trained operative. Please carry out a risk assessment to ensure safety for yourself and others.



Fitting Double Wheel Tracks

STAGE 1

Lay out the Track

Lay out the track with the track paws face down. Use a good quality strong rope, such as nylon with a Ø20mm, and attach it to the center of the last track plate.

Feed over the middle of the bogie tyres, and place the excess rope under the second tyre as shown in the diagram below. The rope should be jammed tightly in place.

STAGE 2

Drive the machine forward

Drive the machine forward so that the wheels bite down on the rope trapped underneath, as shown in the diagram below. This will haul

the tracks onto the rear tyres.



STAGE 3

Insert the two fitting staples

When the track is sitting fully on the machine as shown in the diagram, the two fitting staples (supplied with the track) can be inserted to hold the ends together. The rope should now be removed. Each section of track has been manufactured to a standard length so plates might need to be removed in order to achieve the correct tension. This is dependent upon whether the track is fitted to new or worn tyres and can also vary due to machine type and bogie design.



STAGE 4

Drive the machine forward again

Drive the machine forward so that the stapled section is in

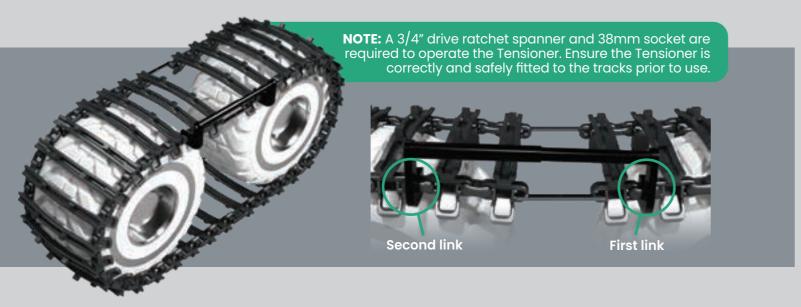




STAGE 5

Place the Track Tensioner

The track Tensioner should then by placed on either end of the track, on either the right or left side, and a ratchet used to tighten the track. The staple should then be replaced by the track joining link. This process is then repeated on the other side of the track.



STAGE 6

Fitting of track joining links

These links must be fitted with the smooth surface of the link facing towards the tyre, with the end plate fitted to the outside. Fitting these links the wrong way round can result in tyre damage with the link pins contacting the tyre side wall.

STAGE 7

Ensure correct track tension

Where tracks are run too slack, with excessive amount of centre sag, there are potential problem with tracks falling off. There is also a danger of tracks hitting and rubbing on bogie drive boxes and in extremely neglected cases, wearing grooves and holes in the drive box.

Fitting Single Wheel Tracks

Each track will be supplied on 2 pallets. Check the serial number, tyre size and tread pattern found on the identification badges. It is essential for the correct tracks to be used with your tyre type.





This task should only be carried out by a trained operative.

Please carry out a risk assessment to ensure safety for yourself and others.

STAGE 1

Lay out the Track

Lay out the track with plate facing upwards. Use a good quality strong rope or strap and attach it to the centre of the last track plate.



STAGE 2

Drive the machine forward

Place the rope or strap over the middle of tyre; place the excess under the tyre jamming tightly in place.

Drive the machine forward so that the wheel bites down on the rope or strap, trapping it underneath and hauling the track onto the tyre.

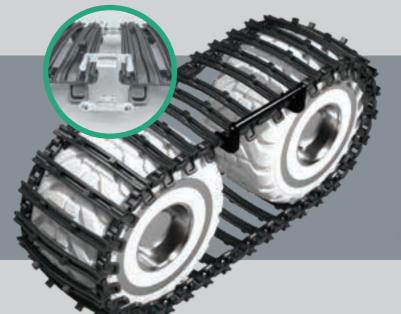


TRACK TENSION: The removal of one full track plate may be required to obtain the correct tension. This may be dependent upon whether the track is fitted to new or worn tyre.

CHOOSE YOUR TENSIONER









Our QTT401
Track Tensioner
extended legs
and can fit
over the track
extensions
fitting on the link
system between
the track plates.



Our QTT402
Track
Tensioner
has pins to
fit into the
link system.
At this point
the rope or
strap can be
removed.



STAGE 3

Insert staples tools

When the track is on the tyre add staples.





STAGE 5

Fitting of track Joining Links



These links must be fitted opposite from that of a band track with the end plate facing towards the tyre, and the male part fitting from the outside.







STAGE 4

Insert the two track tensioner tools

Staple can now be removed. Leaving the last track plate free to move.





STAGE 6

Ensure correct tension & tyre pressure

Where tracks are run too slack there is potential for track to falling off.



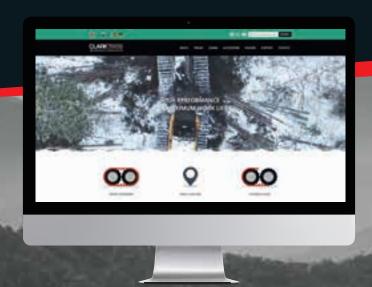


NOTE: A 3/4" drive ratchet spanner and 38mm socket are required to operate the Tensioner. Ensure the tensioner is correctly and safely fitted to the tracks prior to use. Where lynch pins are provided, these must be fitted to tensioner first to prevent dislodging during fitting.

NOTE: Fitting these links the wrong way round can result in tyre damage. Tyres MUST be run at correct pressure, check manufactures recommendations.



Clark Tracks take pride in supplying high quality products and service to every customer, worldwide.



*Usage Note: User discretion should be taken as Clark Tracks cannot make exact recommendations due to the fact that working conditions, machine or tyre limitations and terrain can vary considerably. The ultimate decision of suitability of a track type for a specific application must lie with the owner/user of the machine. Our aim is to help customers make an informed decision.

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