

# CLARK TRACKS

high performance for maximum work life



## Products and Applications

April 2025

# CONTENTS

- Tracks production
- Why use Clark Tracks?
- Link system
- Haggis link
- Identification of tracks
- Tyres
- Customisation
- Selecting the right track

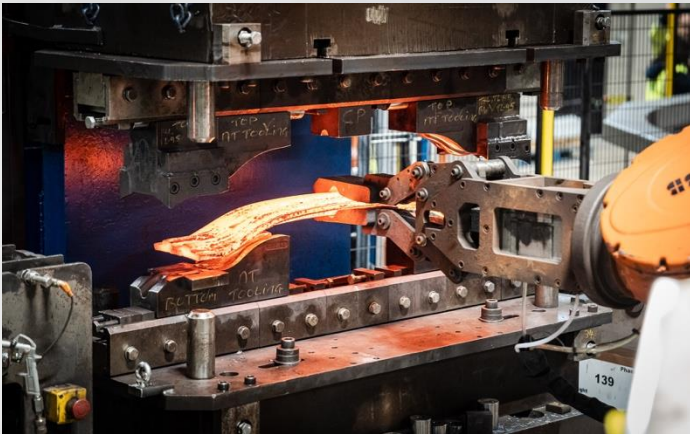
## Tracks

- MULTI-TERRAIN
  - Arctic, Terra85, Terra95, TerraX
- DEMANDING
  - FXS, Grouzer, Grouzer HD, CX, CX HD
- FLOTATION
  - TXL, TXCL, TXGL, ATF
- SINGLE WHEEL
  - GSG, TXSG



# Track production

- Clark Tracks Ltd founded and operating since 1988. Part of Nordic Traction Group since 2007.
- Certified ISO9001 process
- Production moved to Loimaa, Finland in the beginning of 2025



# Project Footprint – Relocating Track Operations

- Track production moves closer to key Forestry customers
  - Improved responsiveness to customer needs
  - Shorter lead times in the Nordics
- Centralising production into one site enhances operational efficiency and capabilities
  - Economies of scale
  - Improved logistics
  - Centralised R&D
- Focus on long-term sustainability
  - Access to Nordic green energy and sustainable supply chains





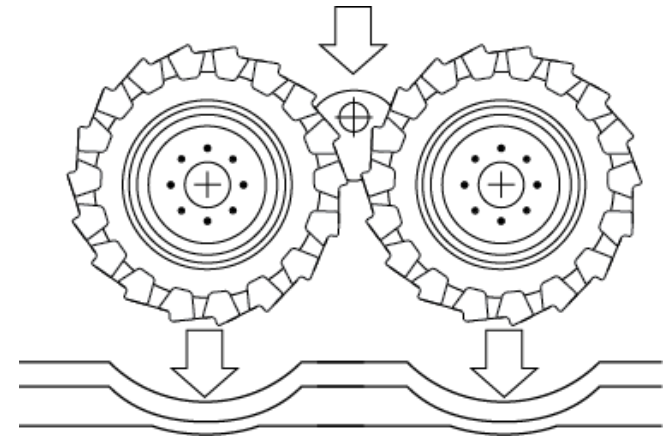
# Project Footprint Schedule

- Construction work started in the March of 2024 with wall elements installed in May and roof installation in June. Indoor work starts in August
- Track final assembly work is ongoing at Loimaa plant already
- Production continues in Scotland until November 2024
- Machinery will be moved from Scotland to Finland during Nov-Dec 2024
- Loimaa plant will be fully operational in March 2025

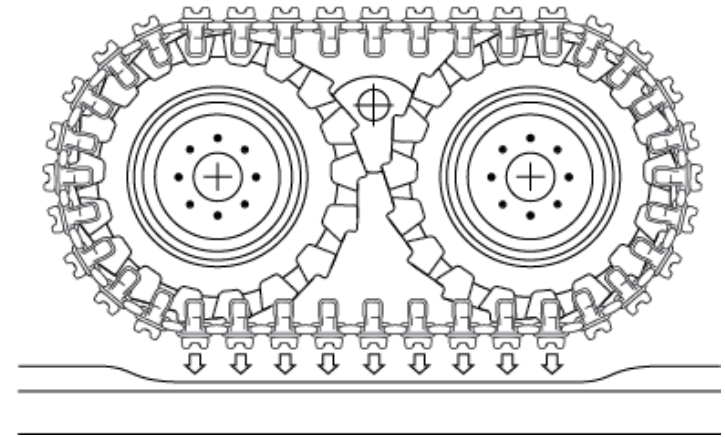


# Why Use Tracks?

- Increased contact area
- Lower ground pressure
- Increased flotation properties
- Better machine stability
- Increased traction capability
- Reduced ground disturbance
- Reduced fuel consumption
- For protecting the tyre



WITHOUT TRACKS



WITH TRACKS FITTED

# Link System

- Side mounted joining links are positioned at the same level as the tyre surface  
→ a smoother running track that absorbs much less machine driving power than any other link systems
- The track is held onto to the tyres of the machine using a system of side paws, which have the added benefit of protecting the tyres side walls
- All our tracks are delivered with **28mm Haggis Links** with special ovoid pins that maximise service life and reduce the need for re-tensioning maintenance

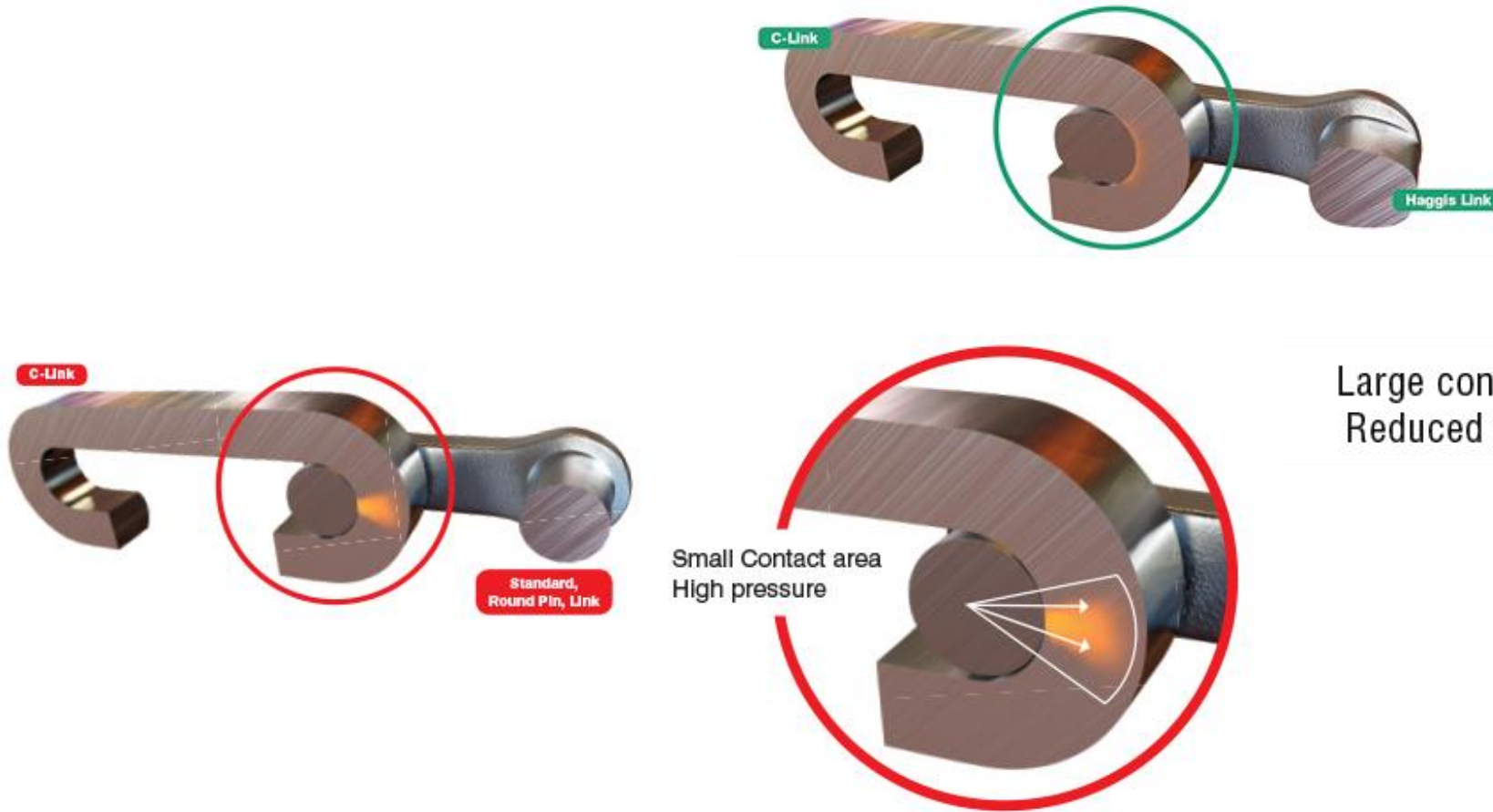




- Bearing surfaces matched
- Maximum contact area
- Reduced contact pressure
- Reduced wear
- Protects the C-Link from premature wear
- Reduced maintenance and machine downtime as less re-tensioning and adjustments are required
- Specially designed side flanges inhibit link twisting.

# Standard vs Haggis Ultra Link

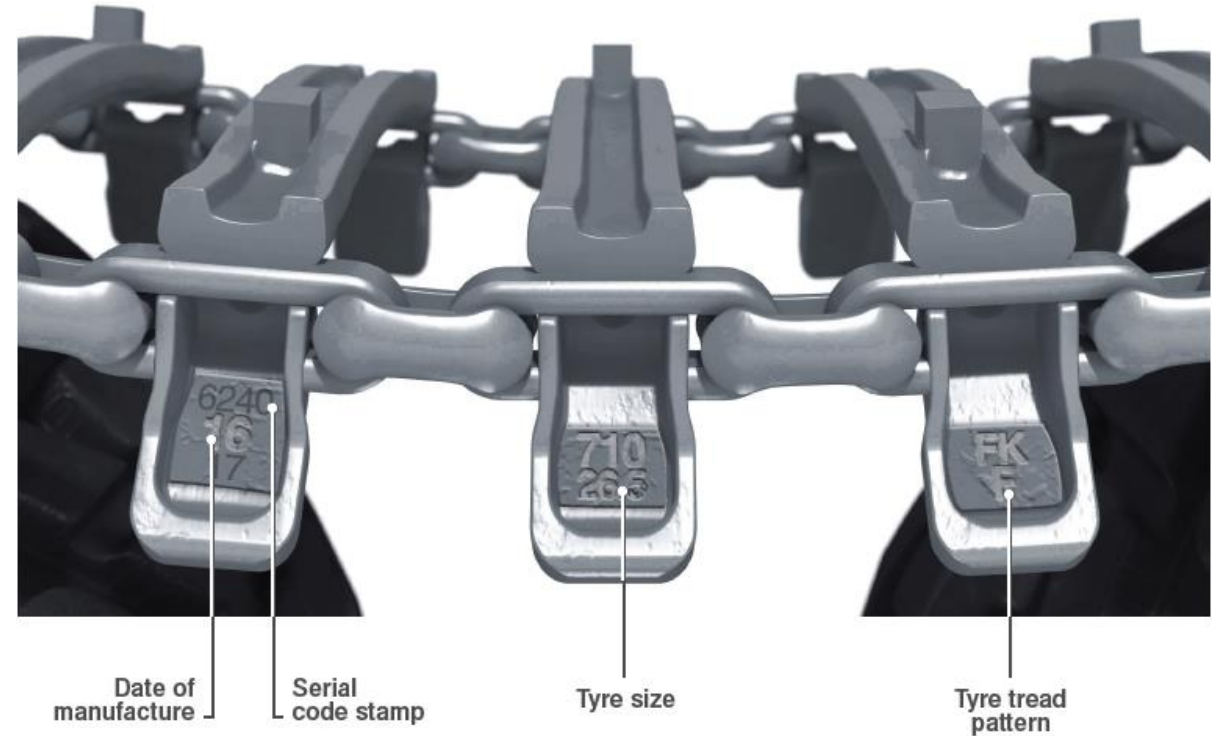
TRACK LIFE EXTENDER





# Identification of tracks

- Each set of tracks carries identification badges that provides the exact tyre size and tread pattern for which the track was specifically designed to use with
- The badges also includes the date of manufacturing and a unique serial number to identify the tracks
- **It is very important that the correct track is used for each specific tyre type!**



# Customisation – Track Plates

- Terrains, customer preferences and general limitations of use may require a slightly different product from standard.
- If you find that none of the tracks shown meet your needs fully, we can also customise our existing track products to better fit the customer requirements or, where viable production wise, can consider the design and manufacture of a specialist track
- We offer the following track plate options:
  - Extended both sides
  - Extended more on one side than the other. Often used where there is little clearance between hull of the machine and the tyre side wall
  - Folded down track plate ends. In some cases, this process is not always possible to produce





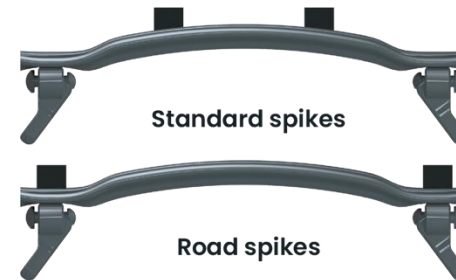
# Customisation – Flat Track Plates

- Curved plate (standard)
  - Better tyre fit and better traction between the tyre and the track plate
  - Better maneuverability
- Flat plate
  - Maximum flotation
  - Smaller rolling resistance
- Flat plates are available for
  - Terra85
  - Terra95
  - Grouzer
  - TXCL
  - TXGL
  - TXL
- *Tracks for TRS2 tyres are by default more flat than the ones designed for FKF2*



# Customisation – Anti-Skid Spikes

- **Anti-Skid** spikes are designed to stop the forest machine sliding sideways when it is crossing side slopes.
- They are normally between 40mm and 50mm in height, depending on the track model, one spike per plate alternating left and right from track plate to track plate
- Depending on track model and expected track usage, the following options can be available:
  - **No spikes at all** – for level ground and forest roads.
  - **Two spikes per plate** (one each side)
  - **Higher and lower height spikes** (40mm, 50mm and 60mm in stock)
  - **Spikes welded to a different position** on the track plate
  - **Paddle Spikes** – 100mm wide by 50mm high – for extreme climbing
  - **Road Spike** – spike is located at the end of the plate, above the link



# Selecting the Right Track

- Great consideration and care should be taken when selecting tracks as some tracks will perform better than others in a specific terrain
- As a general guideline:
  - **close spaced tracks with wide plates** are better suited for **soft terrains**, and
  - **wider spaced tracks with narrower plates** are better suited for **harder terrains and steeper slopes**, offering better climbing ability
- Our **Track Compass** tool makes selection **easy, fast** and **reliable**







# Our Tracks



## MULTI-TERRAIN

*Tracks that are suitable in a multi-terrain environment*

- **Arctic**
- **Terra85**
- **Terra95**
- **TerraX**

## DEMANDING

*Tracks that are dedicated to steep incline ground conditions*

- **FXS**
- **Grouzer**
- **Grouzer HD**
- **CX**
- **CX HD**

## FLOTATION

*Tracks that are suitable in soft ground conditions*

- **TXL**
- **FLOTEC**
- **TXC**
- **ATF**

## SINGLE WHEEL TRACKS

*Single Wheel tracks for Skidders and 6W Harvesters*

- **GSG**
- **GSG HD**



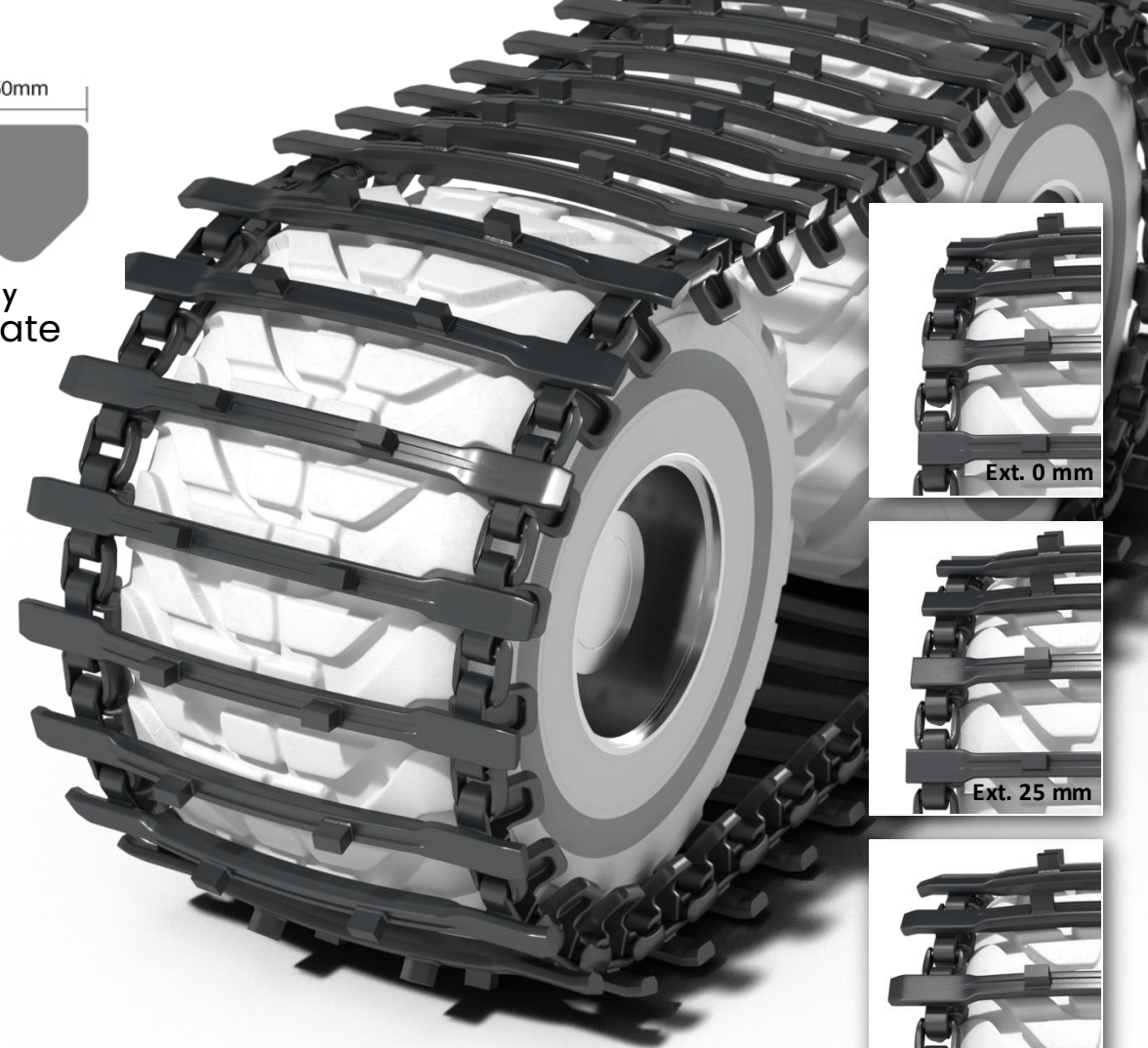


# ARCTIC

**Arctic** tracks are great for all-year use on areas that experience heavy snow during the winter months. Wide spaced square section track plate design prevents mud, dirt and snow from packing between the track plates and the tyre

The design also guarantees superior grip and traction for machines working in demanding and varying conditions. Track plates are delivered with 60mm extensions on both sides, widened and bent to offer flotation on soft ground

- Excellent snow cleaning
- All-year use thanks to extended track plates
- Square section track plate for optimal traction in rocky terrain
- Excellent climbing ability
- Different in/out extension options available as symmetric or asymmetric: 60/60, 25/60, 0/60, 25/25, 0/0



Ext. 0 mm



Ext. 25 mm



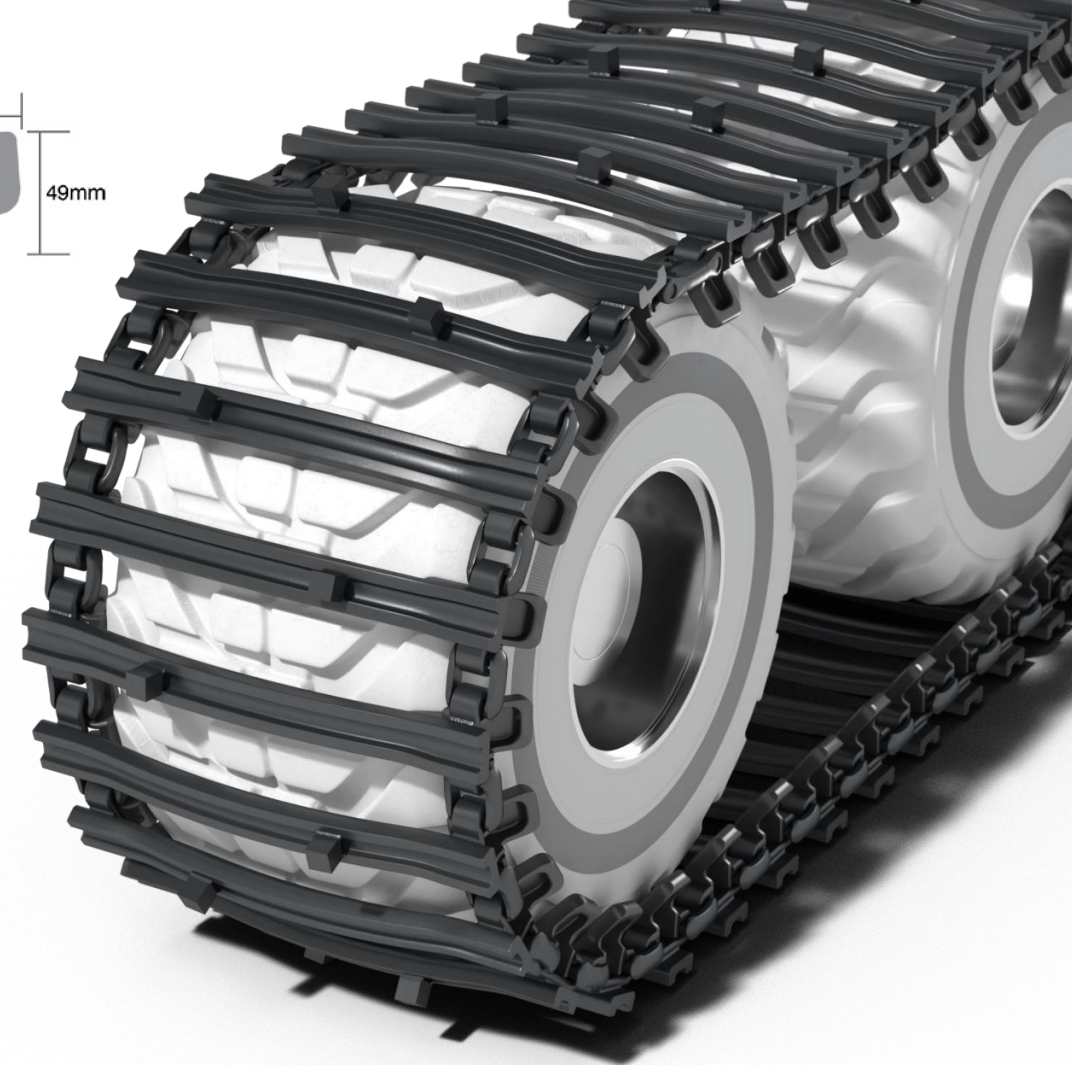
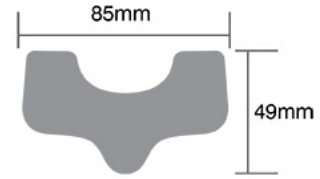
Ext. 60 mm







# TERRA85



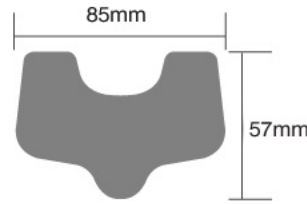
**Terra85** is the ultimate all-terrain, all-season track. Featuring a double **Grouzer** track plate, grip and flotation are guaranteed. The low profile also means less vibration and a smoother ride.

- Low profile design reduces vibration and results in lessening machine operator fatigue
- Arguably the best multi-terrain tracks available anywhere
- Can be used all year round



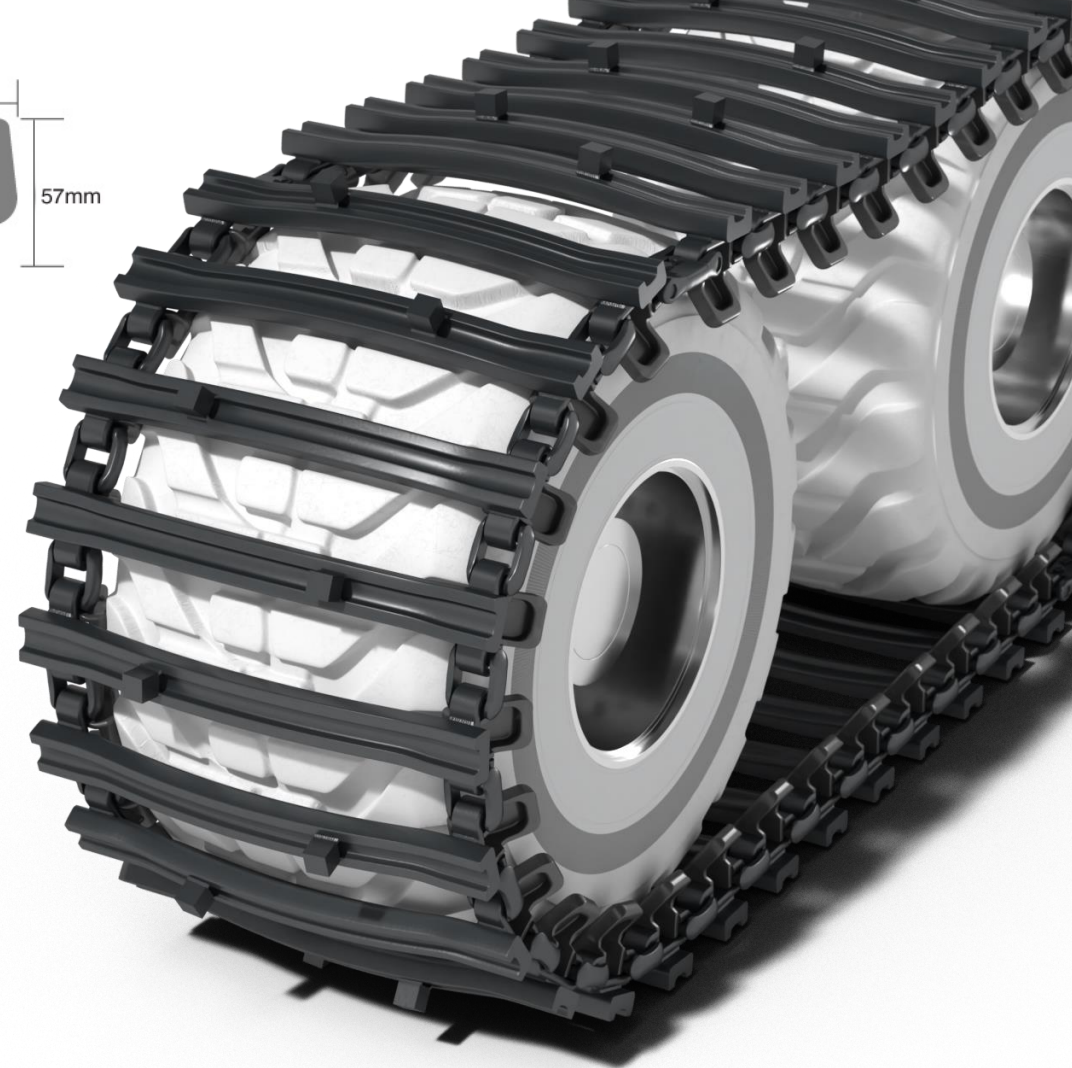


# TERRA95

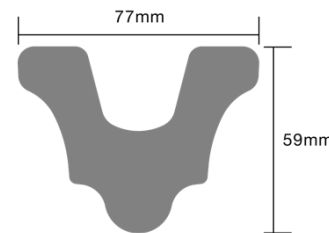


**Terra95** is the undisputed and industry leading heavy duty, all-terrain, all-season track. Heavy plate section and our 28mm durable links ensure long service life even when fitted to the latest high horsepower, heavy Forwarders and Harvesters

- Arguably the best multi-terrain tracks available anywhere
- Particularly suited for medium to large harvesters and forwarders, 14t payload upwards
- Low profile design reduces vibration and results in lessening the operator fatigue
- All season use; guaranteed Winter and Summer performance
- Durable and hard wearing, even on rocky terrain
- Suitable for Scarifying and Skidder operations







## *The new level of productivity*

- **Adjustable Haggis Link** replaces conventional joining links **making tensioning fast and ergonomic**
- New **optimised track profile**
  - Same **bending resistance** as in Terra95
  - Surface area of the plate is **30% smaller** than in Terra95, 10% smaller than Terra85
  - The overall weight of a track set is nearly 10% less compared to the Terra85 and 20% compared to the Terra95. In practice this means about **500 kg** per track set for 750/55-26.5 tires.
- **All season use**; assured Winter and Summer performance
  - Profile shape ensures **snow cleaning**
- **Durable** and hard wearing, even on rocky terrain
- **Double spikes** and **15mm extensions**



Machine



Climate



Terrain



Grip



Flotation

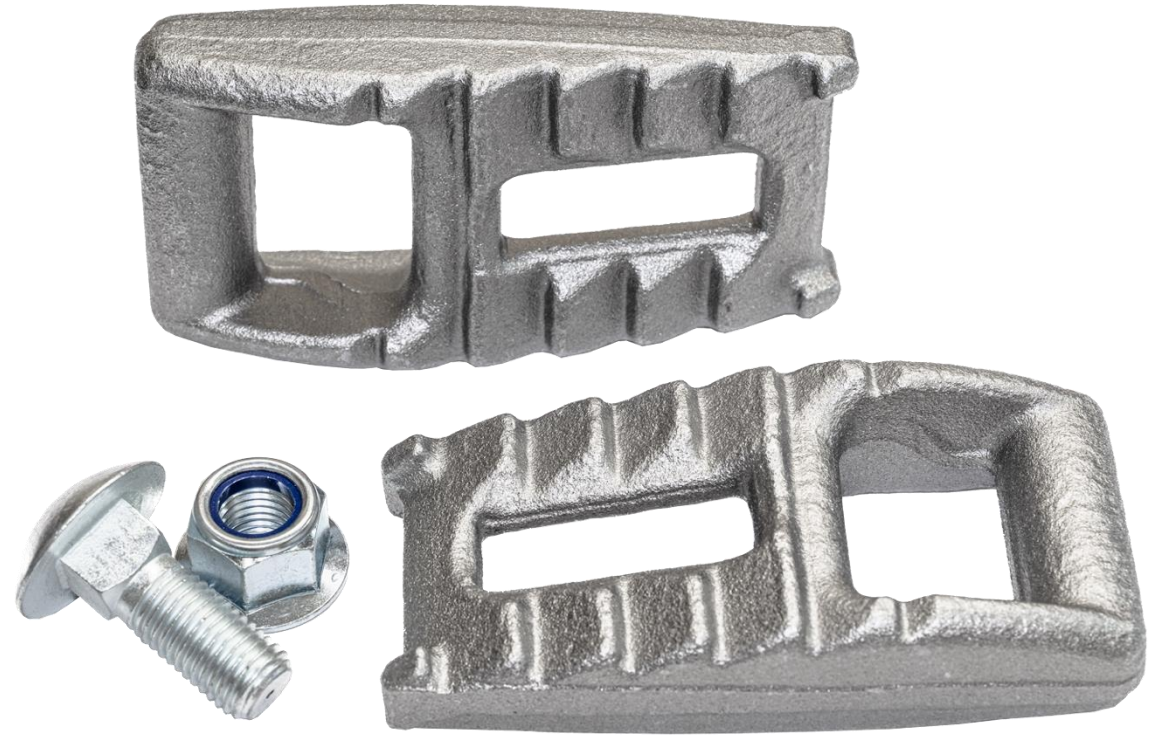




# TERRA<sup>X</sup>

## NEW ADJUSTABLE HAGGIS LINK

- **New joining link solution** from Clark Tracks
- Tensioning is **fast** (less than 5 minutes) and **ergonomic** – [see video >>](#)
- Tensioning is also more precise with increments of 20mm, making it **easy to keep the track always in the optimum tension**
- Shortening of track can be done in the forest without fire tools, resulting in **increased uptime**
  - **60 mm** adjustment per link. **9 AHLs** per track means **540mm** maximum adjustability
  - Additionally, **tree track plates** can be easily removed from between the AHLs
- No need for additional, different size joining links as **all parts are pre-installed to the track**
  - This means also less scrap metal



**CLARK** TRACKS  
high performance for maximum work life





**TERRAX**

ADJUSTABLE HAGGIS LINK  
Minimum Length



◆ ----- 18 cm ----- ◆

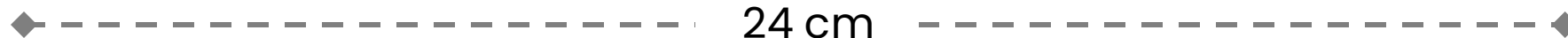
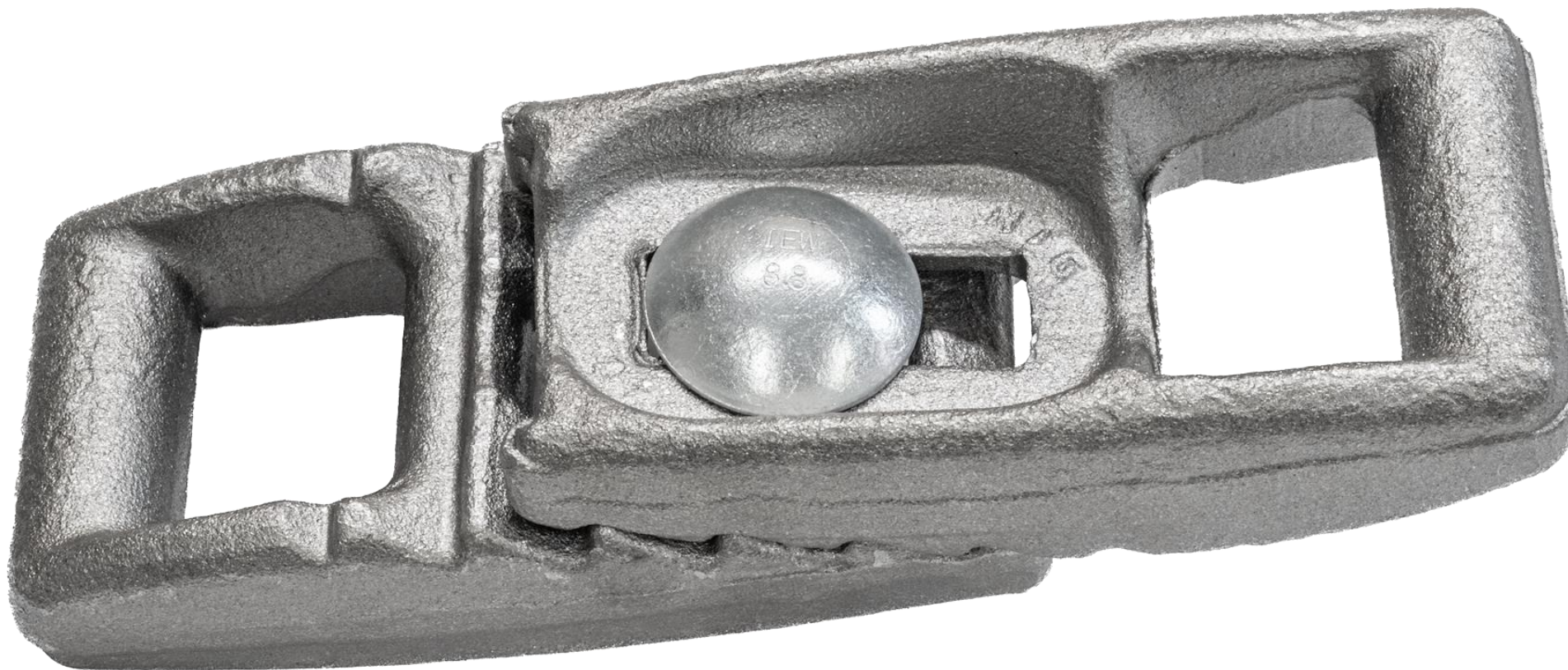




**TERRAX**

ADJUSTABLE HAGGIS LINK  
Maximum Length

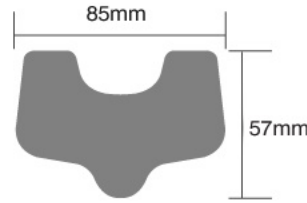
**+60 mm**



24 cm



# FXS



**FXS** is an aggressive **SUPER DUTY** Multi-Terrain track. It is built to be robust and provide extra stability and flotation. Each track pad has 25mm extensions on both sides

Huge paddle spikes (100mm wide, 50mm tall) grip into the toughest terrains in the world and provides maximum traction at all times

These tracks are suitable for the heaviest Forwarders and six-wheel Skidders working on slopes and formidable terrain. Specifically hardened 100mm wide (50mm high) double paddle spikes on each track pad guarantees aggressive grip on the most demanding ground conditions

- Durable design and components meant for the most formidable terrain
- Operator confidence with supreme grip and flotation



Machine



Climate



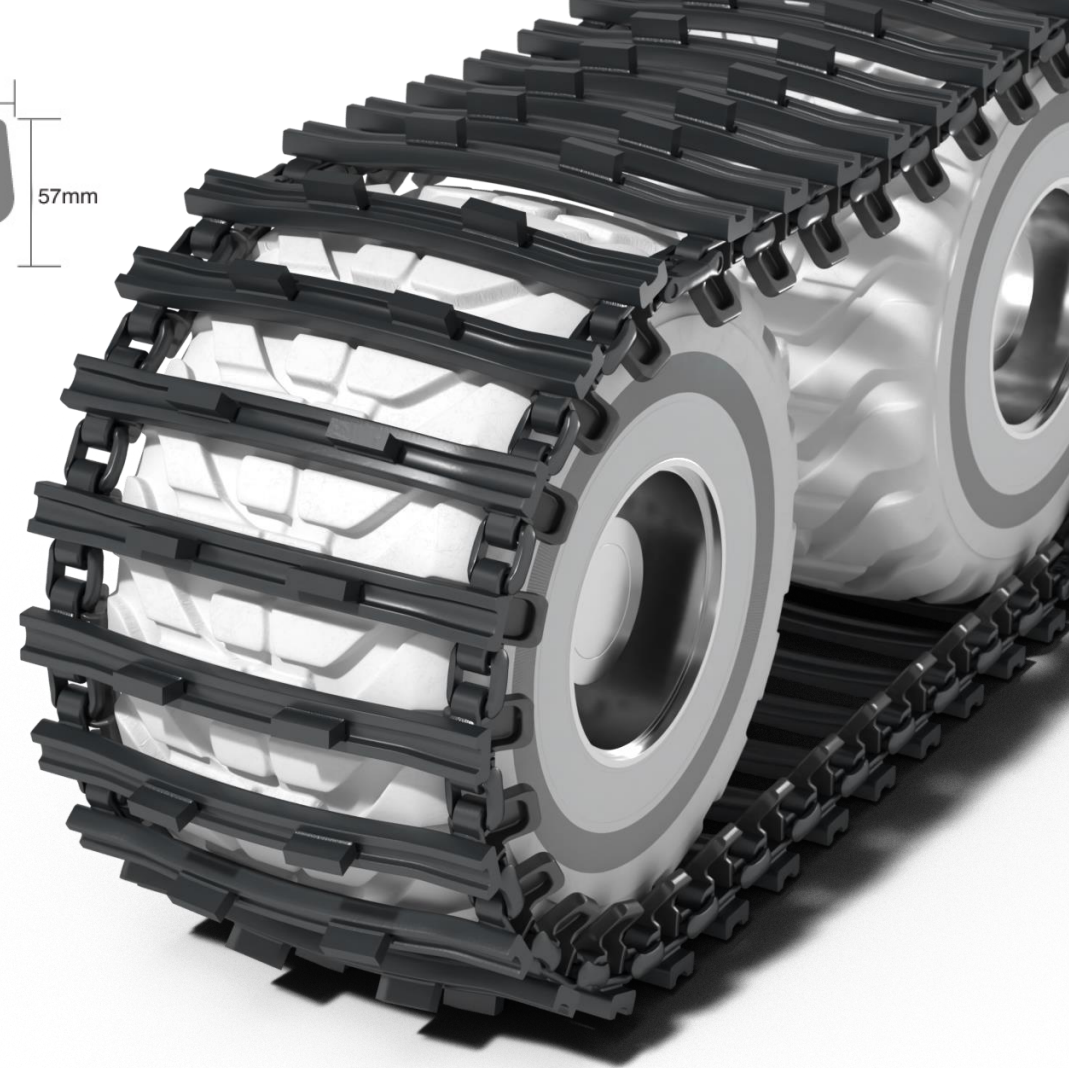
Terrain



Grip



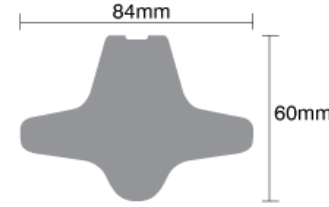
Flotation







# GROUZER



The **Grouzer** is a popular track with outstanding traction and climbing ability. This track is able to manage with almost any terrain and machine

**"Grouzers"** are the choice of a logging professional looking for challenging even the toughest terrain

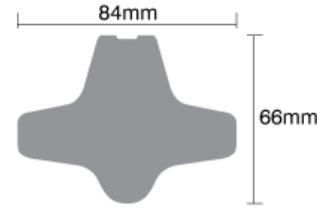
- Single **Grouzer** section giving operator confidence and security in virtually all terrains
- All-season, all-terrain usage
- Exceptional climbing ability





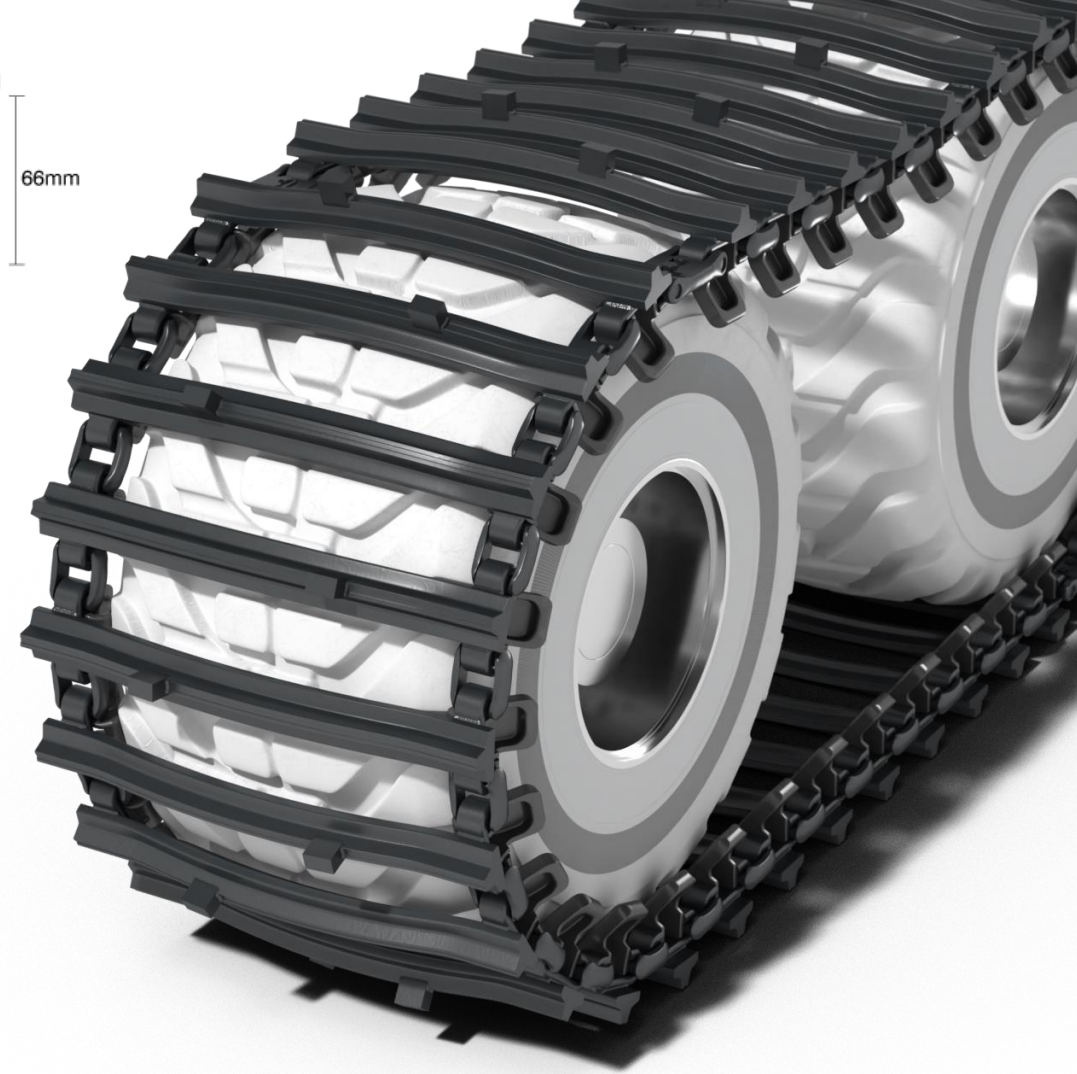


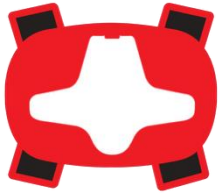
# GROUZER HD



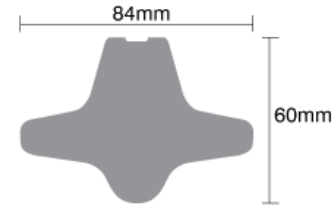
**Heavy Duty** version of the **Grouzer** track for the heaviest Forwarders and Skidders, with outstanding traction and climbing capabilities

- Single **Grouzer** section giving operator confidence and security in virtually all terrains
- All-season, all-terrain usage
- Exceptional climbing ability
- Suitable for tyre sizes 750 wide and above





**CX**



**CX** is a further version of **Grouzer** development generation track, featuring wide paddle spikes, doubled up on each track plate

This track is best suitable for Harvesters and medium to heavy Forwarders

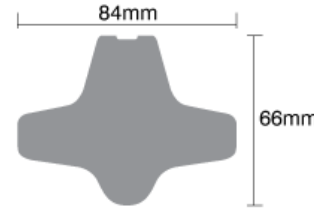
They give peak performance for climbing with unmatched traction

- Aggressive spike pattern for climbing
- Maximum traction





# CX HD



**CX HD** is a new **Heavy Duty** development generation of the **CX**, a member of the **Grouzer** family

**CX HD** has a thicker core to support heavy Forwarders and Skidders

Designed with the same aggressive spike pattern as the original, **CX HD** provides maximum traction in the most demanding terrain

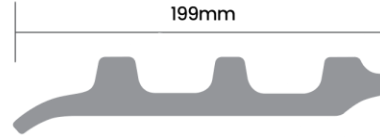
- Aggressive spike pattern for climbing
- Maximum traction
- Suitable for tyre sizes 750 wide and above







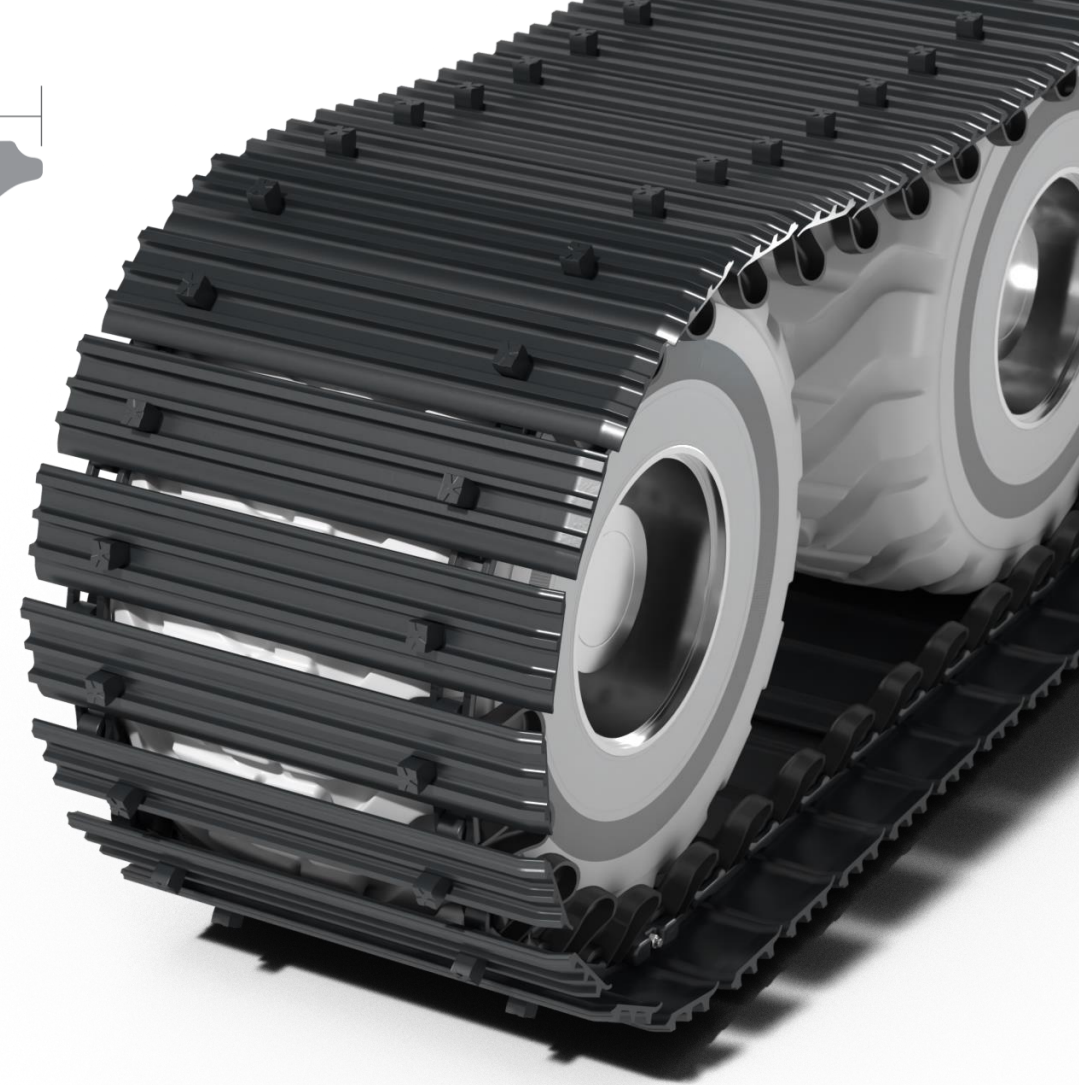
# FLOTEC



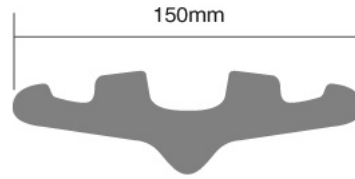
Flotec is an extreme flotation track for soft and wet terrain. Excavator-style track plates are flat and wide and have a very short distance between the plates. High side paws make sure the tracks stay on the tyre.

Spikes improve traction and lateral grip. Anti-skid rods inside the track plates prevent the tyres from spinning inside the tracks.

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.



*NOTE: caution advised to be aware for snow or mud packing*



**TXL** tracks are in its own class when it comes to **ULTRA FLOTATION**.

Comparative tests have proven that the **TXL** offers the best traction and the lowest ground pressure of any other track available

- Advanced flotation track that offers excellent traction
- Close spaced, extra wide tracks for maximum flotation
- Suitable for machines of all weights
- Suitable for forestry roads (without side slip spikes) and sensitive soils
- Available with extra width where machine design permits it
- Lowest ground pressure track from Clark Tracks portfolio
- Standard widths are 930mm and 1000mm



Machine



Climate



Terrain



Grip



Flotation

*NOTE: caution advised to be aware for snow or mud packing*



**TXL**

## Standard Extensions



930 mm symmetric



930 mm asymmetric



1000 mm symmetric



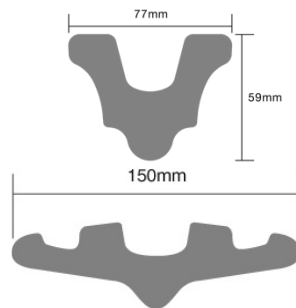
1000 mm asymmetric





**TXC** takes the advantages of the legendary **TXL** and combines them with the traction of the new **TerraX** track

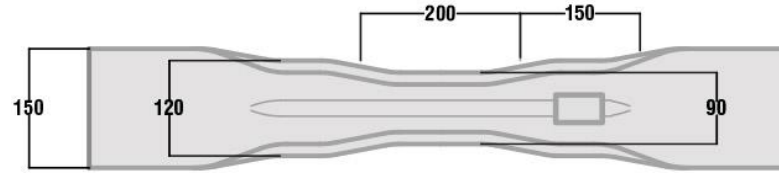
- Improved traction and climbing compared to **TXL**
- Better cleaning when used in muddy and snowy conditions



*NOTE: caution advised to be aware for snow or mud packing*



ATF

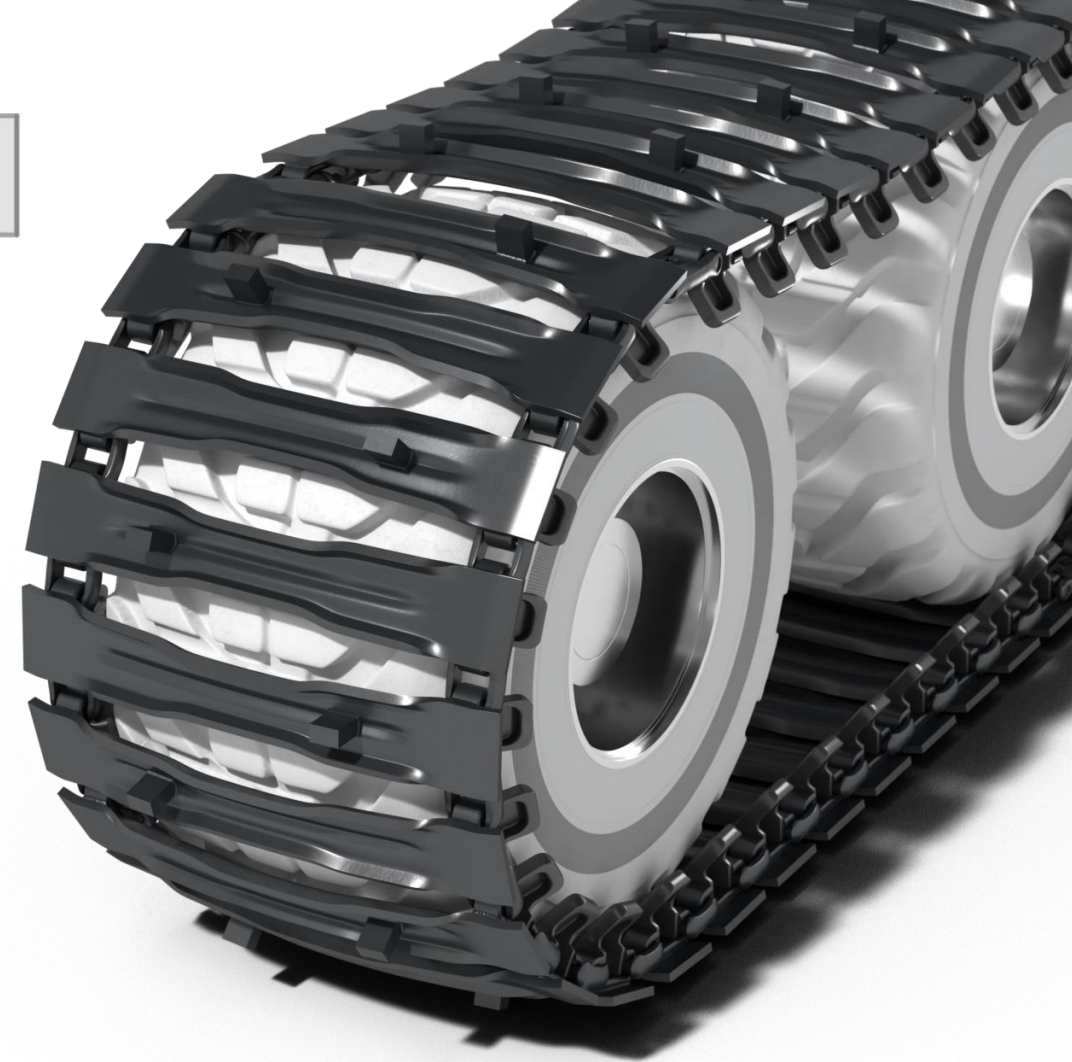


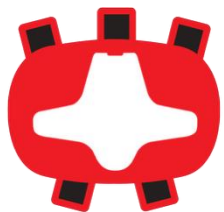
Designed to be used in wet marshy conditions and also on snow and ice

28mm **Haggis-links** provides better cleaning and removal of snow and mud

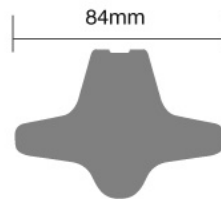
Wide and upturned edges give flotation while a pinched mid-section generates traction

- Wet and marshy, snow and ice performance
- Broad, upturned edges for flotation, grip and easy steering





**GSG**



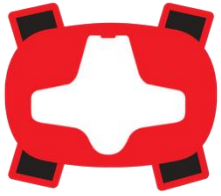
**Grouzer Super Grip (GSG)** is the single wheel track that delivers maximum climbing capability for 6-wheeled machines

**GSG** give exceptional traction and require less maintenance than tyre chains

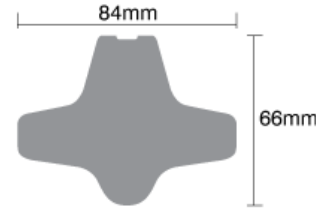
- Maximum grip and low maintenance







# GSG HD



**Grouzer Super Grip Heavy Duty (GSG HD)** is the **Heavy Duty** development version of the popular **GSG** single wheel track for large Skidders and 6-wheeled machines

- Featuring 100mm wide paddle spikes for exceptional climbing capabilities
- Maximum grip and low maintenance



# Tools and Parts

Clark Tracks also has a large stock of spare parts and can ship anywhere in the world at short notice

These spare parts includes for example:

- Track End Plate Links
- Track Joining Links
- Fitting Staples
- Repair Links
- Tensioners
- Spikes



# NEW: QTT415 Universal Track Tensioner

- Universal tensioner, which works with all track models (excluding KOPA / OFA Flotec)
- Lightweight and easy to operate from top of the tracks (weight 12,5 kg)
- **HAVEL** mechanical and hydraulic tensioners are also available directly from us



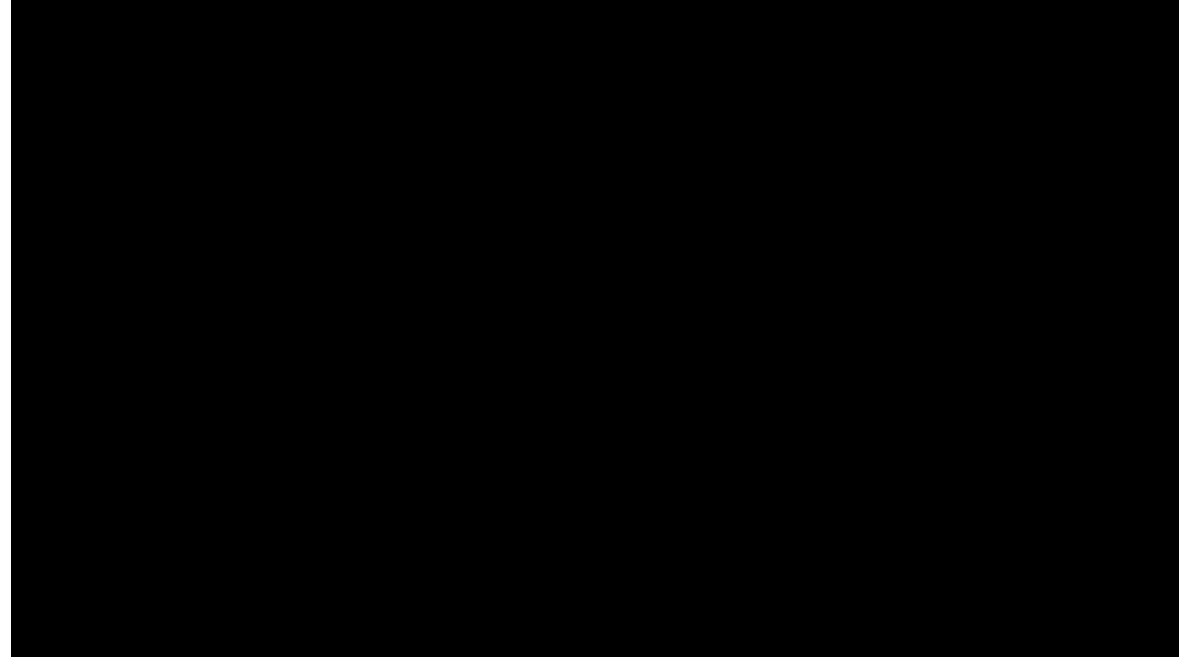


# Track Fitting

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

- The tyres are not slipping and spinning inside the track
- The track is not falling off the tyres
- The track is not hitting the hull of the machine or any other part of the machine
- The track is not causing any damage to the tyres
- Tracks which are unnecessarily overtensioned will stress the axles and hub bearings and increase the tyre and track wear
- Recommended track tension creates a sag between 40 mm to 70 mm in the centre of the track between the tyres

*Fitting instructions*



# Contact information

## Sales Director

Perttu Mäkinen, +358 50 911 0586 [perttu.makinen@nordictraction.fi](mailto:perttu.makinen@nordictraction.fi)

## Finland

Jarmo Mäkelä, +358 207 927 511, [jarmo.makela@nordictraction.fi](mailto:jarmo.makela@nordictraction.fi)

## Scandinavia

Stefan Nilsson, +46 730 55 84 87, [stefan.nilsson@nordictraction.se](mailto:stefan.nilsson@nordictraction.se)

Magnus Grihp, +46 730 54 20 29, [magnus@nordictraction.se](mailto:magnus@nordictraction.se)

## Central Europe

Daniel Koppenhöfer, +49 1575 2412588, [daniel@nordictraction.de](mailto:daniel@nordictraction.de)

## UK & Ireland

Garry Henderson, +44 1387 722370, [garry@clarktracks.com](mailto:garry@clarktracks.com)

## Canada

Urban Fredriksson, +1 844 909 6164, [urban@nordictraction.ca](mailto:urban@nordictraction.ca)

## USA

Dan Kissinger, +1 207 855 3973, [dan@nordictraction.us](mailto:dan@nordictraction.us)

## Rest of the World

Mikko Heikkilä, +358 40 642 7733, [mikko.heikkila@nordictraction.fi](mailto:mikko.heikkila@nordictraction.fi)

Nordic Traction Oy

Hirvikoskentie 128

32200 Loimaa

[clarktracks@clarktracks.com](mailto:clarktracks@clarktracks.com)

[www.clarktracks.com](http://www.clarktracks.com)

