CLARK TRACKS™

high performance for maximum work life

Forest Machine Tracks

Flotation | Multi-Terrain | Demanding

www.clarktracks.com

Multi-Terrain | Demanding | Flotation

ENGINEERED ON EXPERIENCE, BUILT WITH PRIDE

Welcome

Clark Tracks Ltd specialise in developing and manufacturing forest machine tracks to suit almost all Cut-to-Length machines and Skidders. Our company can supply tracks in various sizes and designs to suit virtually all terrain, all climates and all machine types.

This brochure has been collated to offer assistance, both in track selection and in the use of our tracks. The information provided will help you to achieve maximum performance as well as trouble free operation throughout the working life of your tracks.

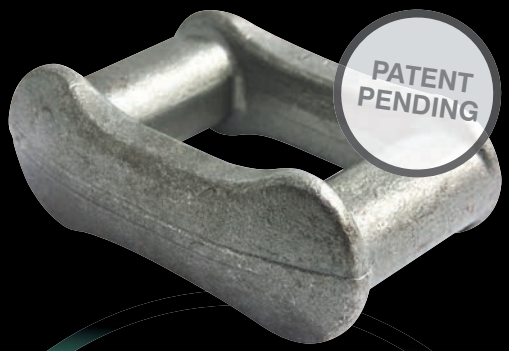
Stewart Kelly
Director

CONTENTS

Haggis Link	3
Terra85 - multi-terrain	4
Terra95 - multi-terrain	6
FX - heavy duty multi-terrain	7
Grouzer - demanding-terrain	9
CS - climbing special	9
CX - climbing xtreme	9
TXL - ultimate flotation	10
TXFX - heavy duty flotation	12
TXCL - multi-terrain flotation	12
TXGL - demanding flotation	13
FL15 - advanced flotation	14
FL16 - advanced flotation	14
SFL15 - super flotation	15
SFL16 - super flotation	15
ATF - all-terrain flotation	15
Rocky - snow and ice	17
GSG - ultimate climbing	17
TXSG - super grip flotation	17
Skidder Compatible Tracks - Terra 95, FX, GSG	18
Chains	19
Anti Skid Spikes	20
Extra Track Plate Width	21
Tensioner Tools	22
Spare Parts	23

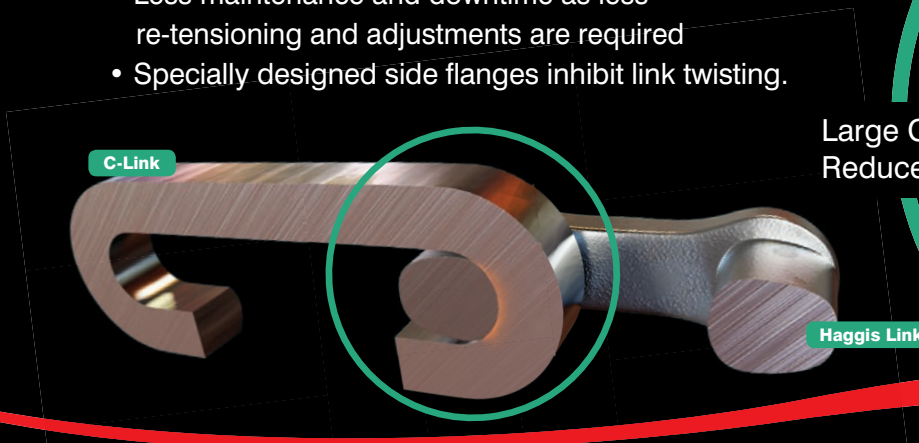
KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | 28mm 24mm Link sizes

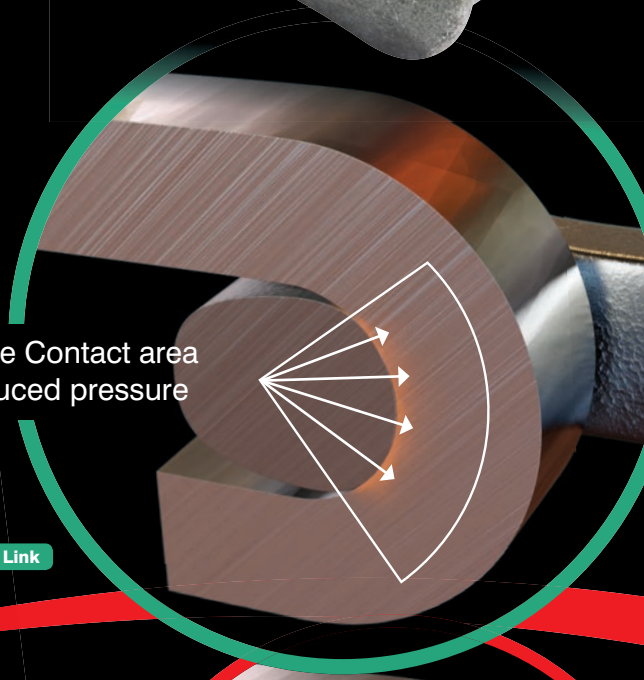
Haggis Ultra Link
TRACK LIFE EXTENDER



HAGGIS LINK INSTALLED

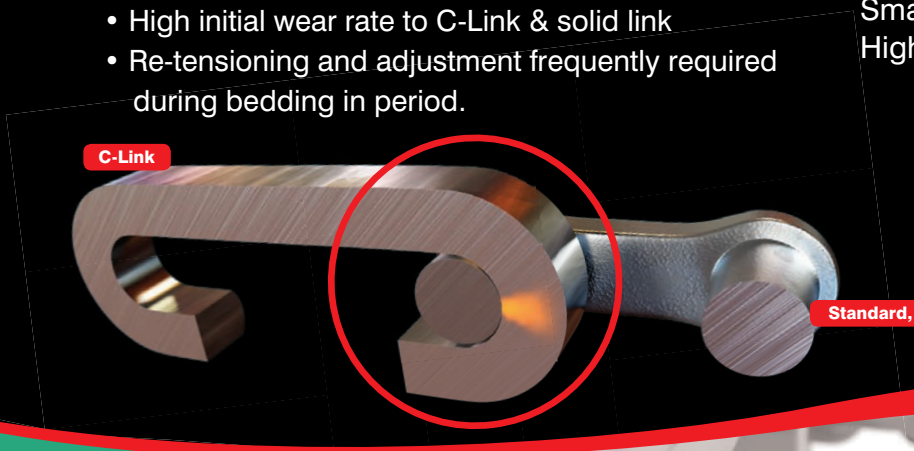
- Bearing surfaces matched
- Maximum contact area
- Reduced contact pressure
- Reduced wear
- Protects C-Link from premature wear
- Less maintenance and downtime as less re-tensioning and adjustments are required
- Specially designed side flanges inhibit link twisting.

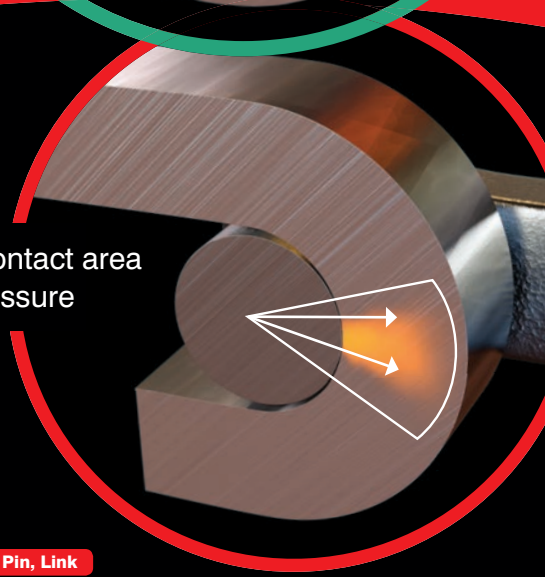




STANDARD TRACK LINK

- Contact surfaces mismatched
- Smaller contact area
- High pressure on contact surface
- High initial wear rate to C-Link & solid link
- Re-tensioning and adjustment frequently required during bedding in period.





UPGRADE TO THE HAGGIS LINK TODAY!

*NOT AVAILABLE ON ATF TRACKS

www.clarktracks.com
E: clarktracks@clarktracks.com *T:* +44 (0) 1387 722370

CLARK TRACKS™
high performance for maximum work life

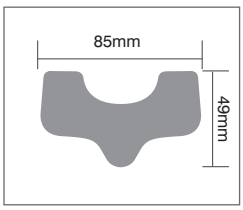
TERRA85

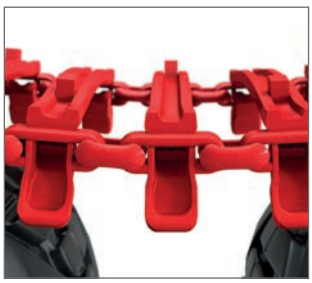
MULTI-TERRAIN

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

- **Low profile design reduces vibration and results in less operator fatigue**
- **Arguably the best multi-terrain tracks on the market**
- **Use all year round**
- **Special heat treatment for cold weather durability.**

Machine | Climate | Ground Cond | Grip ●●●●○ | Flotation ●●●●○ | Link 28mm 24mm





CLARK TRACKS™
high performance for maximum work life

KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | Link sizes 28mm 24mm

PONSSE
PONSSE

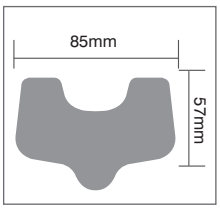
TERRA95

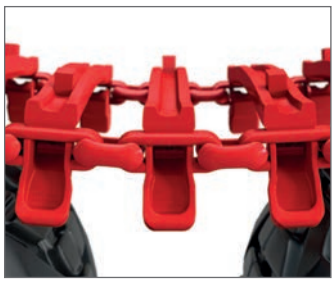
MULTI-TERRAIN

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

- **Arguably the best multi-terrain tracks on the market**
- **Particularly suited to medium and large harvesters and forwarders, 14t payload upwards**
- **Low profile design reduces vibration resulting in less operator fatigue**
- **All-season use; assured Winter and Summer performance**
- **Durable and hard wearing, even on rocky terrain**
- **Suitable for scarifying and Skidder operations.**

Machine Climate Ground Cond Grip Flotation Link 28mm





CLARK TRACKS™
high performance for maximum work life

KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | Link sizes 28mm 24mm

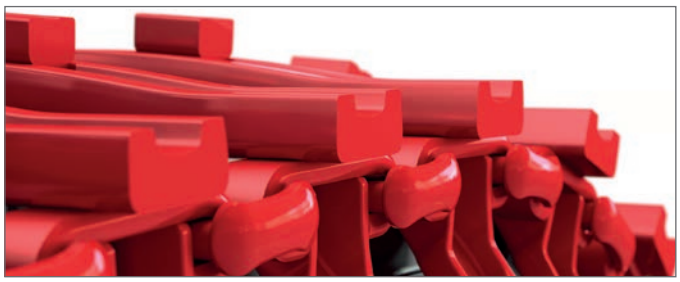
FX

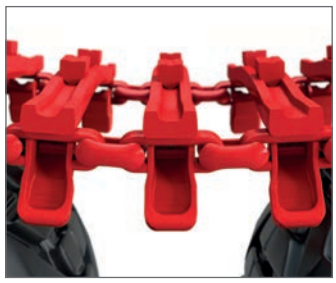
HEAVY DUTY MULTI-TERRAIN

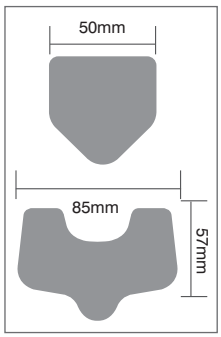
FX is a development of the heavy duty Terra95. These tracks are built for endurance and are suited to the heaviest Forwarders working on the toughest terrain. Double Rocky spikes on each track pad are secure and extremely long lasting compared to standard spikes, even on stoney ground. FX tracks are the informed choice for the professional forester looking for maximum productivity from their heavy weight forwarder.

- **Durable design and components for the most arduous terrain**
- **Confidence with supreme grip and flotation.**

Machine Climate Ground Cond Grip Flotation Link 28mm







CLARK TRACKS
high performance for maximum work life

E: clarktracks@clarktracks.com T: +44 (0) 1387 722370

GROUZER

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.

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

Machine Climate Ground Cond Grip Flotation Link 28mm 24mm

CS

CLIMBING SPECIAL

CS is a development of the popular Grouzer track. Traction is maximised through the addition of wide paddle spikes to the track pad and long shovel spikes to the edges. These tracks can take Harvesters and medium Forwarders further and more safely than before on demanding slopes. The pinnacle of climbing tracks.

- **Aggressive spike pattern for climbing**
- **Maximum traction**

Machine Climate Ground Cond Grip EXTRA Flotation Link 28mm 24mm

CX

CLIMBING XTREME

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

- **Aggressive spike pattern for climbing**
- **Maximum traction**

Machine Climate Ground Cond Grip EXTRA Flotation Link 28mm 24mm

TXL

ULTIMATE FLOTATION

TXL tracks are in a class all of their own when it comes to ULTRA FLOTATION. Numerous studies have proven that TXL offers the best traction and lowest ground pressure of any track. This places them in a whole new class of flotation tracks. The flexibility of our production enables many options. Typically Asymmetric and Symmetrical extensions are available in any width required by our customer thus enabling operations on the softest and most sensitive soils with minimal ground disturbance. TXL is offered as standard width, 930mm and 1000mm from our regular track range. Both 930mm and 1000mm are available in symmetrical or asymmetrical designs. Please consult your dealer or Clark Track technical department for further details.

- **Advanced flotation track that offers excellent traction**
- **Close spaced, extra wide tracks for maximum flotation**
- **Suitable for all weights of machines**
- **Suitable for forest roads (without side slip spikes) and sensitive soils**
- **Available with extra width where machine design permits**
- **Clark Tracks lowest ground pressure track.**

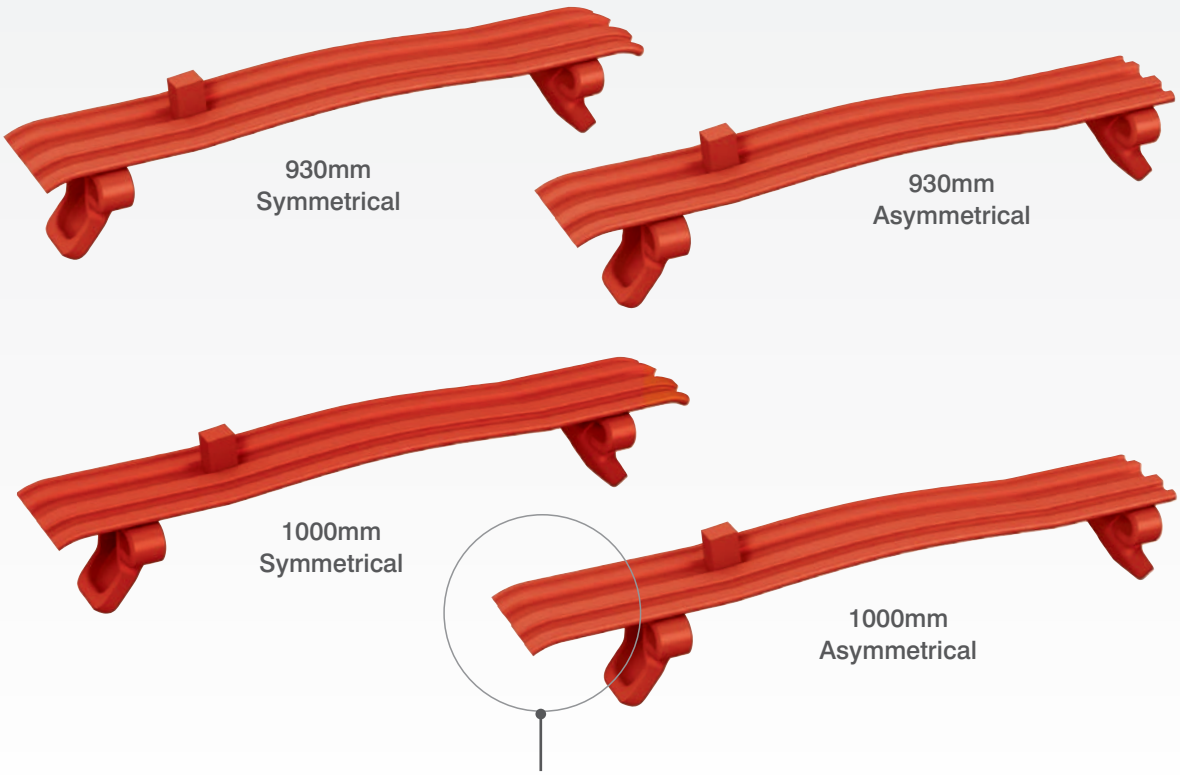
Machine | Climate | Ground Cond | Grip | Flotation | Link 28mm 24mm

KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | Link sizes 28mm 24mm

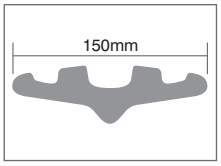
Extra Track Plate Width options for TXL

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 offer both Symmetrical and Asymmetrical versions of TXL at 930mm and 1000mm as shown below. Some width and tyre combinations are not possible, please consult your dealer or Clark Tracks technical department for further information.

- **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.**

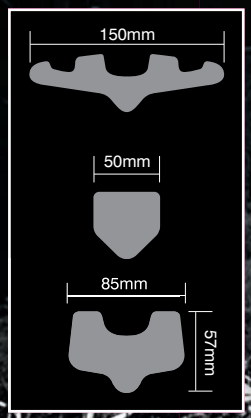


For customised width options, please see page 21



TXFX

HEAVY DUTY FLOTATION



TXFX takes TXCL to the heaviest machines. Featuring FX and TXL track pads, even the heaviest machines can work on sites featuring soft, muddy terrain and then climb moderate slopes.

- **Improved traction and climbing for heavy forwarders compared to TXL**
- **Better cleaning when used in some mud and snow conditions (caution advised to be aware for snow or mud packing).**

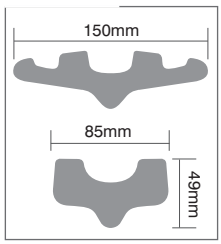
TXCL

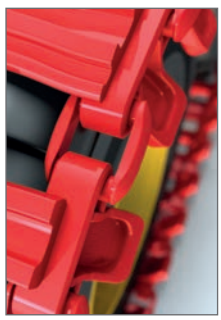
MULTI-TERRAIN FLOTATION

TXCL takes the advantages of the legendary TXL and combines them with the traction of the Terra85 track. This gives better climbing effort than the standard TXL. TXCL tracks are the leaders in mixed; soft terrain and moderate slopes.

- **Improved traction and climbing compared to TXL**
- **Better cleaning when used in some mud and snow conditions (caution advised to be aware for snow or mud packing).**

Machine | Climate | Ground Cond | Grip | Flotation | Link 28mm 24mm





CLARK TRACKS™
high performance for maximum work life

KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | Link sizes 28mm 24mm

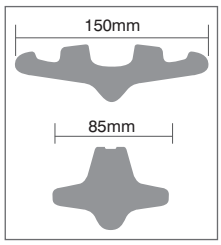
TXGL

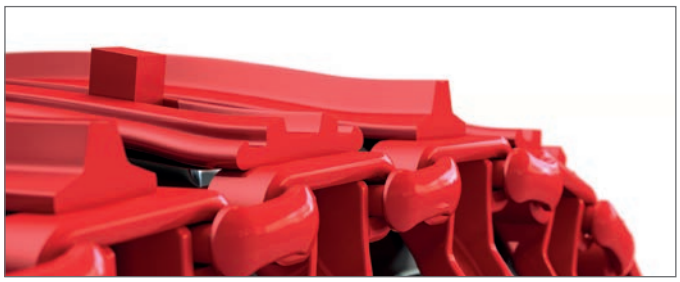
DEMANDING FLOTATION

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.

- **Maximised traction and climbing compared to TXL alone**
- **Better cleaning when used in some mud and snow conditions (caution advised to be aware for snow or mud packing).**

Machine | Climate | Ground Cond | Grip ●●●●○ | Flotation ●●●●● | Link 28mm 24mm





FL15

ADVANCED FLOTATION

Flotation, FL15 is a high-flotation track suited to Harvesters and light to medium Forwarders.
The low ground pressure and good grip help maintain productivity in wet and marshy conditions.

- **Wide, close spaced flotation plate design offers low ground pressure**
- **Tried and proven 'U' shape plate ensures excellent traction.**

Machine Climate Ground Cond Grip Flotation Link 28mm 24mm

FL16

ADVANCED FLOTATION

Flotation, FL16 is the high flotation track suited to larger harvesters and medium to heavy forwarders. Strong, tough and durable, the FL16 is the clear choice for heavier machines in wet and marshy conditions.

- **Wide, close spaced flotation plate design offers low ground pressure**
- **Tried and proven 'U' shape plate ensures excellent traction.**

Machine Climate Ground Cond Grip Flotation Link 28mm 24mm

CLARK TRACKS™
high performance for maximum work life

KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | Link sizes 28mm 24mm

SFL15

SUPER FLOTATION

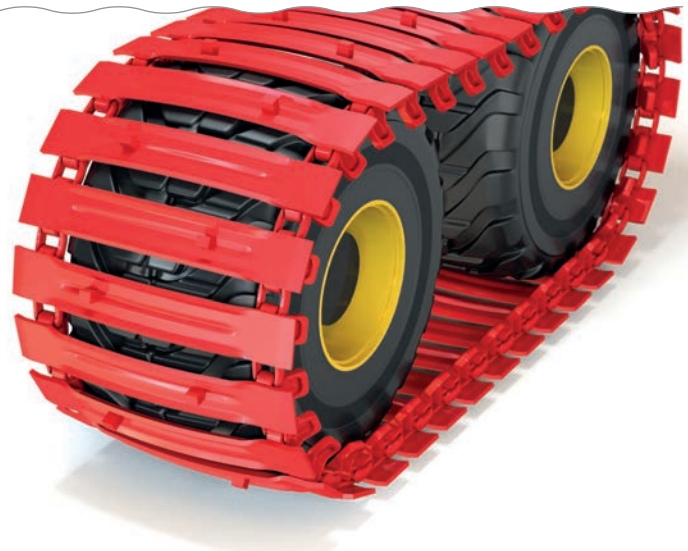
The SFL15 track is an extended variant of the FL15. Featuring upturned edges, these tracks are perfect for thinning and working on brash mats. In addition, the end profiles enable easier steering which is extremely beneficial in thinning operations. Suitable for Harvesters and Forwarders up to 15t payload.

- **Symmetrical upturned edges**
- **Upturned edges protect roots and don't cut brash**
- **Easier steering.**

Machine Climate Ground Cond Grip Flotation Link 28mm 24mm

SFL16

SUPER FLOTATION



The SFL16 track is a special variant of the FL16. Featuring upturned edges, these tracks are perfect for thinning and working on brash mats. In addition, the end profiles enable easier steering which is extremely beneficial in thinning operations.

- **Symmetrical upturned edges**
- **Upturned edges protect roots and don't cut brash**
- **Easier steering.**

Machine Climate Ground Cond Grip Flotation Link 28mm 24mm

ATF

ALL-TERRAIN FLOTATION

Designed for use in wet marshy conditions and also snow and ice. A special link system is utilised to enable better cleaning and ejection of snow and mud. Wide and upturned edges give flotation whilst a pinched mid-section generates traction

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

Machine Climate Ground Cond Grip Flotation Link 24mm

CLARK TRACKS™
high performance for maximum work life

KEY

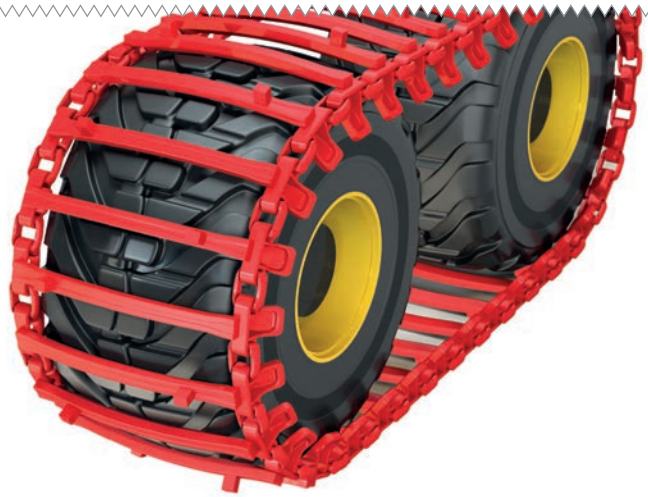
Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | 28mm 24mm Link sizes

ROCKY

SNOW AND ICE

Rocky tracks feature a wide spaced square section track plate design. This gives superior grip and traction to large machines working in demanding, steep and rocky conditions.

- **Square section track plate for optimum traction in rocky terrain**
- **Heavy duty for use on large machines**
- **Exceptional climbing ability.**



Machine Climate Ground Cond Grip Flotation Link 28mm 24mm

SINGLE TRACK

GSG

ULTIMATE CLIMBING

Grouzer Super Grip (GSG) is the single wheel track that delivers maximum climbing capability for 6-wheeled machines. GSG's give exceptional traction and require less maintenance than tyre chains.

- **Maximum grip and low maintenance.**

Machine Climate Ground Cond Grip Flotation Link 24mm

SINGLE TRACK

TXSG

SUPER GRIP FLOTATION

TXSG is the solution for 6 wheeled harvesters looking to maximise productivity on the safest and most sensitive forest areas. TXSG increases the machine footprint and reduces ground pressure considerably.

- **Additional Flotation on soft or sensitive soils.**

Machine Climate Ground Cond Grip Flotation Link 24mm

TERRA95

MULTI-TERRAIN

Terra95 is a class leader for heavier Cut-To-Length machines, and also for Skidders with Tandem or Bogie axles.

Skidders are notoriously hard on their tyres and tracks, which is why the Heavy Duty Terra95 is the best track bar design to maximise productivity through good traction, tyre protection and long service life. Terra95 is a must for the latest Skidders.

- **Arguably the best multi-terrain tracks on the market**
- **Low profile design reduces vibration resulting in less operator fatigue**
- **All-season use; assured Winter and Summer performance**
- **Durable and hard wearing, even on rocky terrain**
- **At time of order, please specify the exact machine make, model, tyre and bogie length.**

Machine Climate Ground Cond Grip Flotation Link 28mm

FX

HEAVY DUTY MULTI-TERRAIN

FX tracks are based on the extremely robust Terra95. These tracks are built for endurance and maximum traction, even on the toughest terrain. Double Rocky spikes on each track pad are secure and extremely long lasting compared to standard spikes. FX tracks are the vital component for harnessing the raw power and torque of the biggest most powerful Skidders built.

- **Robust design for the most arduous terrain**
- **Confidence with supreme traction**
- **Harnesses the power of your Skidder and delivers it securely to the forest floor**
- **At time of order, please specify the exact machine make, model, tyre and bogie length.**

Machine Climate Ground Cond Grip Flotation Link 28mm

GSG

ULTIMATE CLIMBING

Grouzer Super Grip (GSG) is the single wheel track that connects your Skidder to the terrain so you can stay in control. GSG's for Skidders give exceptional traction and require less maintenance than tyre chains.

- **Maximum grip and low maintenance**
- **Control and safety.**

Machine Climate Ground Cond Grip Flotation Link 28mm

Skidder manufacturers have various rules relating to the fitting of traction aids (Tracks and Chains). It is the operators responsibility to ensure they comply with these rules prior to fitting traction aids.

CLARK TRACKS™ high performance for maximum work life

KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | Link sizes 28mm 24mm

Chains

Clark Tracks Ltd. now offer a range of chains for the most popular Cut-To-Length and Skidder machines (see table below for available tyre sizes). Our CTC-Xplorer range has been developed in conjunction with our sister company OFA, producers of the worlds largest range of Forestry Chains for professional use.

CTC-Explorer chains are made from boron steel and are available in
2 different material thicknesses. 16mm and 19mm.
2-diamond model gives good grip and is a good choice as an all around chain.
3-diamond model also has excellent side protection against slash damages etc.

	Part Code	Tyre Size	net weight [kg]
CTC-Xplorer 16	CT93589668	710/45-26.5, 700/50-26.5	435
CTC-Xplorer 16	CT93589756	750/55-26.5	425
CTC-Xplorer 16	CT93589676	700/55-34	463
CTC-Xplorer 16	CT93589736	700/70-34	527
CTC-Xplorer 16	CT93588321	23.1-26	422
CTC-Xplorer 19	CT93589228	28.1-26 (28L-26)	583
CTC-Xplorer 19	CT93589230	30.5-32	640
CTC-Xplorer 19	CT93589232	35.5-32	781

The above table information is for 2-diamond models.
For 3-diamond models or additional tyre
sizes please contact us.

3-Diamond

2-Diamond

SUIT YOURSELF!

DESIGN YOUR PERFECT TRACK WITH OUR CUSTOMISATION OPTIONS

CUSTOMISATION

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.

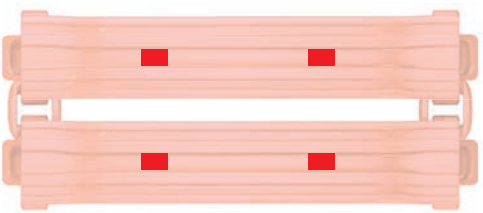
Spikes are available in a range of sizes for welding to forest tracks. Manufactured from heat treated boron alloy steel which is easily welded, these spikes combine hardness with strength. Welding instructions are available at **www.clarktracks.com**

We can offer the following Anti-Skid Spike options:

- **No spikes at all - for level ground and forest roads**
- **Two spikes per plate (one each side)**
- **Higher and lower height spikes (40mm, 50mm, 60mm and 70mm in stock)**
- **Spikes welded to different position on track plate**
- **Paddle Spikes – 75mm wide by 50mm high – for ultimate climbing**
- **Rocky Spike – 75mm extra heavy duty spikes for Terra 95's.**

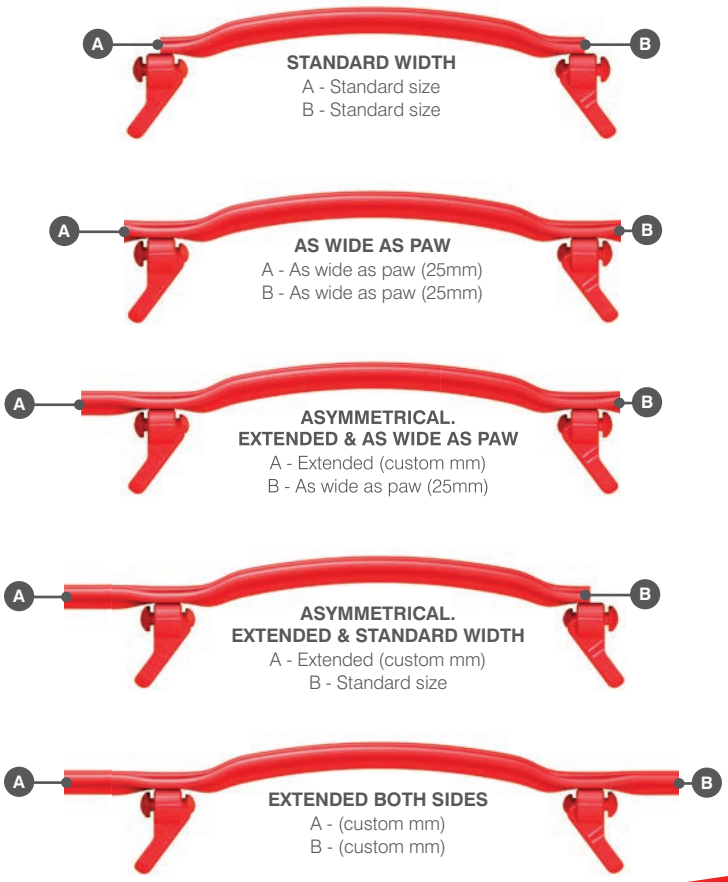
1+1 STANDARD

2+2 TRACTION UPGRADE



Clark Tracks technical department will advise of options and possibilities

Irongray Park, Dumfries, DG2 0HT, Scotland, UK
t: **+44 (0) 1387 722370** • e: **clarktracks@clarktracks.com**



Extra Track 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.

Clark Tracks technical department will advise of options and possibilities

Irongray Park, Dumfries, DG2 0HT, Scotland, UK
t: **+44 (0) 1387 722370** • e: **clarktracks@clarktracks.com**

NEW • NEW • NEW • NEW • NEW

Clark Tracks Ltd - Hydraulic Tensioner – QTT500

Hydraulic Tensioner – QTT500

The ultimate tool for fitting your Clark Tracks, our new QTT500 contains a rechargeable battery and hydraulic power to simplify the process. The hydraulics are incredibly powerful, exerting nearly 3t of closing force to enable effortless tensioning.

Quickie Track Tensioner Tool QTT400

For fast, easy tensioning this tool fits most types of forest tracks. Adjustment is via a 3/4" drive ratchet and 38mm socket onto the end nut (not supplied).

Track Tensioner Tool QTT401

The QTT401 is a specially extended variant of the robust QTT400. The extended fork legs allow the tensioner to be engaged on the inside of the track links. This is beneficial where a QTT400 is not able to be used due to space constraints or where the track plates have been extended (e.g. TXL).

Track Tensioner Tool QTT402

For single wheel tracks (GSG tracks) the QTT402 features high strength pin to engage the tracks and tension with ease.

KEY: Harvester | Forwarder over 14 Tonne | Forwarder under 14 Tonne | Skidder | Multi-terrain | Demanding | Flotation | Temperate | Ice | Snow | Link sizes 28mm 24mm

Spare Parts

Clark tracks carry a large stock of spare parts and can ship anywhere in the world at short notice.

e: **clarktracks@clarktracks.com** • t: **+44 (0) 1387 722370** • w: **www.clarktracks.com**

Nisula Tensioner

As an alternative to the QTT tensioner, there is also a conventional mid-mounted tensioner.

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 Joining Links

Available in 24mm and 28mm diameter sizes, Clark Track Joining Links are designed for ease of use. Forged from heat treated boron alloy steel for maximum hardness and strength, these links combine one bolt locking with smooth tyre friendly profiles.

The new 24mm and 28mm Links combine bolt head locking, for single spanner tightening, and a new tapered locking tongue design.

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 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.

CLARK TRACKS™

high performance for maximum work life

Clark Tracks Ltd. Head Office

Irongray Park, Dumfries, DG2 0HT, Scotland, UK

Tel: +44 (0) 1387 722370 Fax: +44 (0) 1387 720978

Email: clarktracks@clarktracks.com

www.clarktracks.com

*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. © Clark Tracks 2017

Designed and printed by: hoggettcreative.co.uk

CT080-ENG-GEN