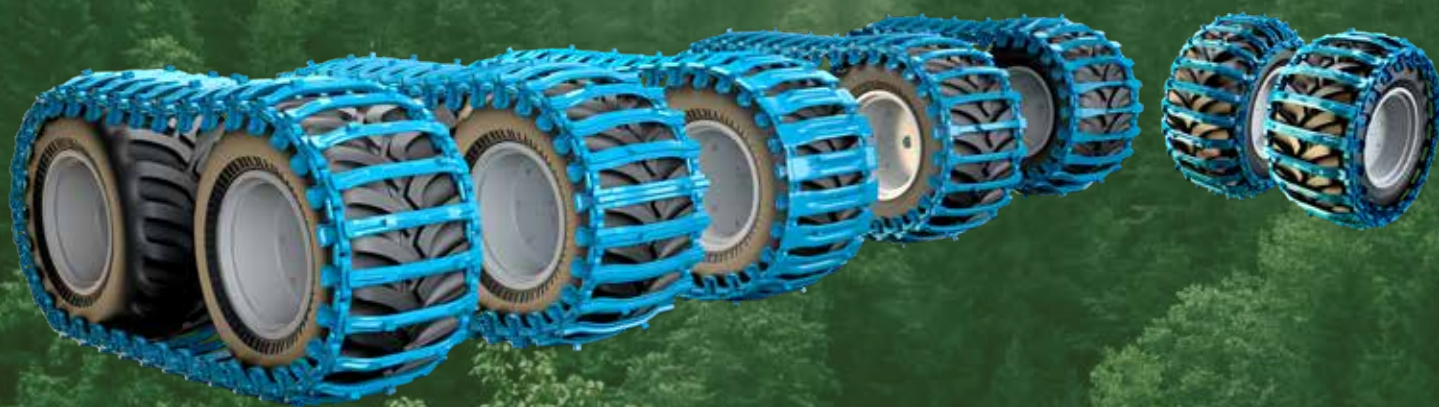

BOGIE AND WHEEL TRACK MANUAL

2024-04-18





FIVE REASONS FOR CHOOSING OLOFSFORS TRACKS

#1 OPERATE WITH GREATER STABILITY AND LOADING CAPACITY

#2 BETTER TRACTION AND PULLING POWER

#3 YOUR TIRES WILL LAST LONGER

#4 ENVIRONMENTALLY FRIENDLY

#5 REDUCED FUEL CONSUMPTION

TABLE OF CONTENTS

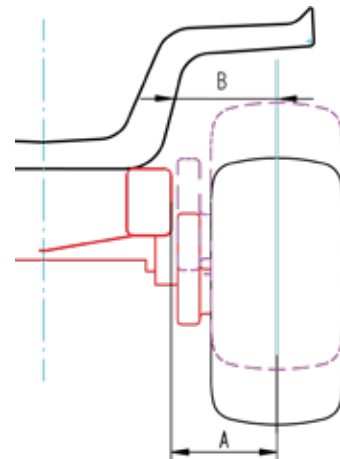
Order information	4
Track shipping and mounting	5
Contacts	6
Track selector - Bogie Tracks	8
Track models - Bogie Tracks	10
Link system dimensions	12
Track components and description	13
Recommended tire pressures	14
Ground pressure	15
Why Tracks?	16
Mounting instructions "Ratchet Tool"	18
Mouting instructions "Geared Tool"	20
Welding instructions "Bogie Tracks"	21
Welding instructions - Wheel Tracks	26
Welding procedure specification	27
Track selector - Wheel Tracks	30
Track models - Wheel Tracks	31
User benefits - Wheel Tracks	32
Skidder Wheel Tracks	33
Track components & description Skidder	34
Track components & description CTL	35
Mounting instructions - Wheel Tracks	36
Operating recommendations - Wheel Tracks	38
Recommended adjustments - Wheel Tracks	39
Track dimensions - Wheel Tracks	41
Machine clearance - Wheel Tracks	42
Ground contact comparison - Skidder	43

ORDER INFORMATION

Important order information to get the right track:

1. **Tire dimension**
2. **Tire brand and model**
3. **Machine type and model. Check available clearance between tire and frame**
4. Ground conditions
5. Type of use
6. Select the correct mounting tool

(No 1-3 are required)



Explanation of tire models in this publication

Nokian	Trelleborg	Alliance	Tianli	Firestone	BKT
FR - Forest Rider	T404	A331	TIFF	Firestone	
FKF - Forest King F	T421	A342	TiHF	FsB	
FKF2 - Forest King F2	T422	A343	TiFG		
TRS, TRS2	T428	A344			
NM - Nordman	T440				
ELS	T480				
LK - Logger King					

Recommended link system

Machines/Maximum load	Tire rim size	Link Ø mm	Link hook mm
Harvesters	22.5	22	15 x 45
Harvesters	24.5	22	15 x 45
Harvesters	26.5	22	15 x 45
Harvesters	28.5	22	15 x 45
Forwarder 8-10 ton load	22.5	22	15 x 45
Forwarder 10 - 12 ton load	24.5, 26.5	22	15 x 45
Forwarder 10 - 15 ton load	24.5, 26.5	26 / 29	20 x 45 / 22 x 50
Forwarder 14 - 20 ton load	26.5, 28.5	26 / 29 / Max	20 x 45 / 22 x 50 / 20 x 45
Forwarder 18+ ton load	26.5, 28.5	29 / 30 / Max	22 x 50 / 30 x 50 / 20 x 45

TRACK SHIPPING & MOUNTING



Track Shipping - Olofsfors Bogie Tracks

Tracks are normally shipped in 4 rolls on one or two pallets. The joining track locks, short, medium, long (8+4+4) are mounted on the ends of the rolls.

For every set of tracks you will need the correct tightening/tensioning tool. Olofsfors has 4 types to offer; chain (for conventional tracks), ratchet tools, and a geared tool. Please ensure that you have the right tool for your tracks.

Note! The tools are purchased separately.



Track Shipping - Olofsfors Wheel Tracks

Wheel Tracks are normally shipped in 4 rolls on one or two pallets. The joining track locks are either mounted on the ends of the rolls or in a joining set box.

The joining set contains two mounting tools, extra track locks and mounting instructions.

Note: 1 set equips 2 tires.

NOTE!

Each pair of tracks (both bogie and wheel tracks) consists of 2+2 rolls. Count the cross members, so you have the same amount in each track.

Always join tracks from the same skid together; to ensure proper installation.

CONTACTS - CUSTOMER SERVICE

Customer Service:

Order: Global

Phone: +46 (0)930-311 40

E-mail: order@olofsfors.se

Olofsfors AB

Olofsfors 11

SE-914 91 Nordmaling

SWEDEN

Mon-Thur	07:30-16:00
Fri	07:30-15:00
Closed for lunch	12:00-13:00

Order: North America

Phone: +1 519 754 2190

Fax: +1 519 757 1100

E-mail: info@olofsfors.com

Olofsfors Inc

121 Roy Blvd., Unit 4

Brantford, Ontario

N3R 7K1

CANADA

Order: Finland, Jyväskylä

Phone: +358 (0) 14 338 8700

E-mail: info@metsatyo.fi

Metsätyö Oy

Kiilatie 5

FI-40320 Jyväskylä

FINLAND

Mon-Fri	08:00-17:00
---------	-------------

Order: Germany

Phone: +49 (0) 7033 32043 10

E-mail: order.gmbh@olofsfors.de

Olofsfors GmbH

Auf der Röte 1

DE-75397 Simmozheim

GERMANY



Customer Service

Global

Emma Jonsson

Phone: +46 (0)930-311 40

E-mail: order.info@olofsfors.se



Customer Service

Global

Lisa Söderstedt

Phone: +46 (0)930-311 40

E-mail: order.info@olofsfors.se



Customer Service

North America

Anne Patis

Phone: +1 (0)519-754-2190

E-mail: anne.patis@olofsfors.com



Customer Service

Germany

Gabriele Rexer

Phone: +49 (0)7033 32043 10

E-mail: gabriele.rexer@olofsfors.de

CONTACTS - SALES

**Marketing Manager***Global***Kjell-Erik Åström**

Phone: +46 (0)930 397 10
Mob: +46 (0)70 323 97 10
E-mail: kjell-erik.astrom@olofsfors.se

**Regional Sales Manager***Sweden, Norway, Denmark, Slovakia, Ireland, UK,
Spain, Portugal, South Africa***Jonas Persson**

Phone: +46 (0)930 396 18
Mob: +46 (0)70 658 00 99
E-mail: jonas.persson@olofsfors.se

**Regional Sales Representative***Sweden, Baltics, Asia, Italy, Czech Republic***Micael Olsson**

Mob: +46 (0)72 400 88 66
E-mail: micael.olsson@olofsfors.se

**Regional Sales Representative***Finland***Markku Sivelä**

Mob: +358 (0)406 546 023
E-mail: markku.sivela@metsatyo.fi

**Regional Sales Manager***Central Europe***Bernd Fuchslocher**

Phone: +49 (0)7033 32043 10
Mob: +49 (0)175 187 1355
E-mail: bernd.fuchslocher@olofsfors.de

**Regional Sales Manager***France***Marc Sieger**

Mob: +49 (0)152 54057138
E-mail: marc.sieger@olofsfors.de

**Regional Sales Manager***North America, USA***Garet Robinson**

Phone: +1 (0)519 754 2190
Mob: +1 (0)519 732 4848
E-mail: garet.robinson@olofsfors.com

**Regional Sales Representative***West Region, North America***D'Arcy Manson**

Phone: +1 (0)604 992 6400
E-mail: darcy.manson@olofsfors.com

**Regional Sales Representative***Atlantic, Québec, Northeast US***Derek LeBlanc**

Phone: +1 (0)506 261 1126
E-mail: derek.leblanc@olofsfors.com

**Regional Sales Representative***South America***Alexandre Lambert**

Phone: +55 (0)11 97373 0202
E-mail: alex.lambert@olofsfors.com

To help you choose the right bogie track for your machine, here is an explanation of the components needed.

1. Cross member

Profile

2. Crossmember type

Light, Normal and Plus

3. Link system

22 – 26 – 29 – 30 – Max

4. Version

Narrow, Standard and Soft

5. Position

SYM = Symmetric

ASYM = Asymmetric

OSS = One Side Short

6. Cleat

NC = No Cleat

SC = Single Cleat

DC = Double Cleat

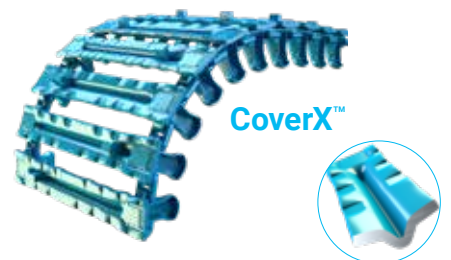
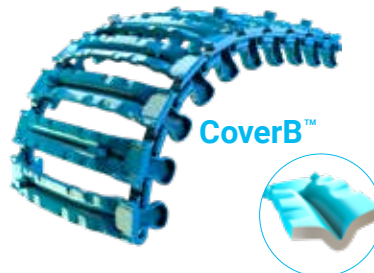
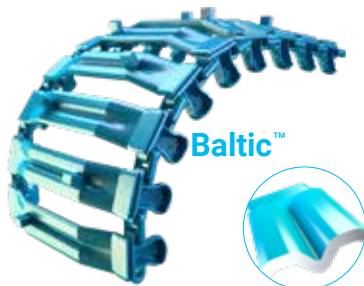
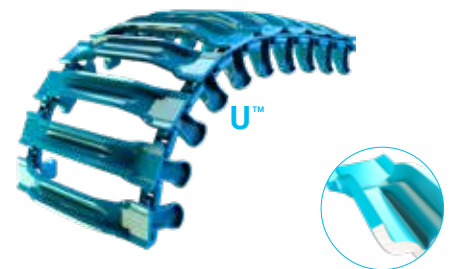
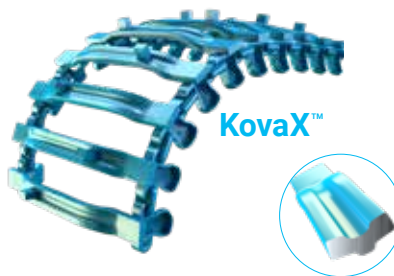
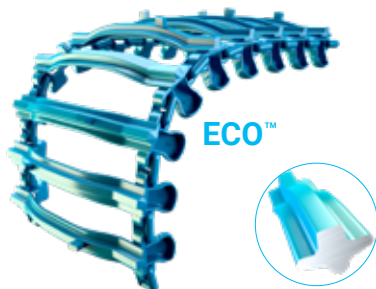
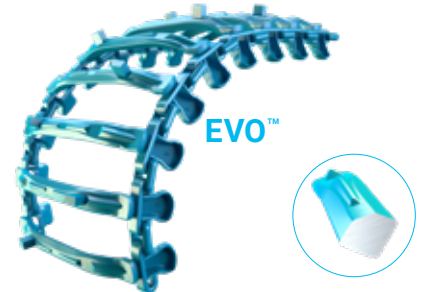
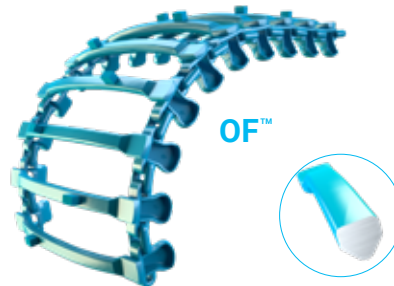
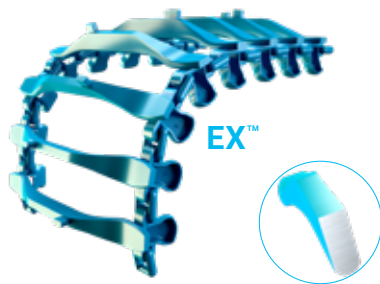
RC = Road Cleat

1. Profile

GRIP

Allround

FLOTATION



2. Cross member type

Cross member thickness, Light, Normal and Plus.

Applicable for certain track types:

Light: Lighter cross members for forwarders with a load capacity up to 12 ton or harvesters with a machine weight up to 15 ton.

Normal: Standard size cross members for forwarders with a load capacity between 12-20 ton or harvesters with a machine weight up to 25 ton.

Plus: A stronger cross member for forwarders with a load capacity between 15-20 tons.

For forwarders with payloads up to 25 tons, please consult with your Olofsfors dealer.

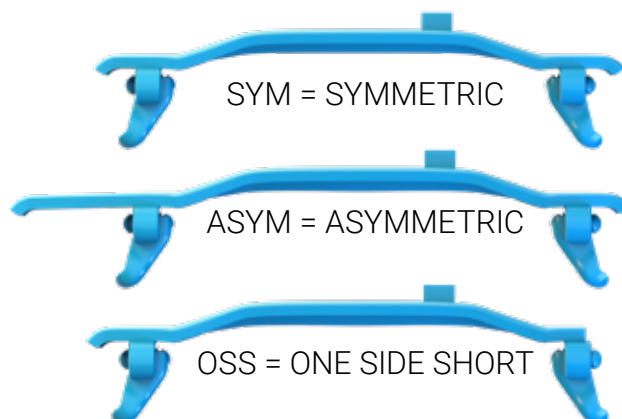
3. Link system



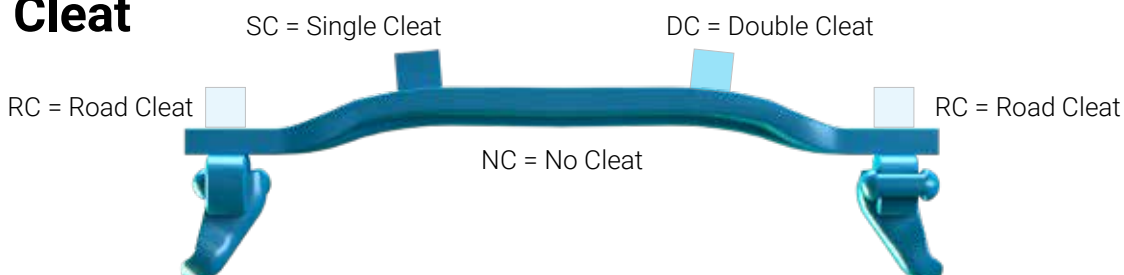
4. Version



5. Position



6. Cleat



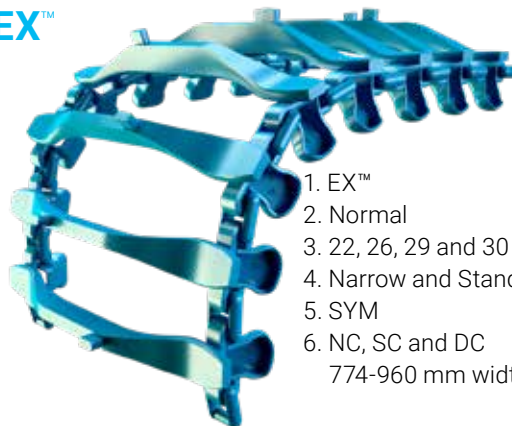
GRIP

GRIP

Our traction tracks are the best choice when you need to make your way over steep terrain. Regardless of the terrain you will be operating in, we have a track that makes your machine climb.

Our Traction Tracks: EX, OF and EVO

EX™



1. EX™
2. Normal
3. 22, 26, 29 and 30 mm
4. Narrow and Standard
5. SYM
6. NC, SC and DC
774-960 mm width

GRIP FLOTATION SNOW

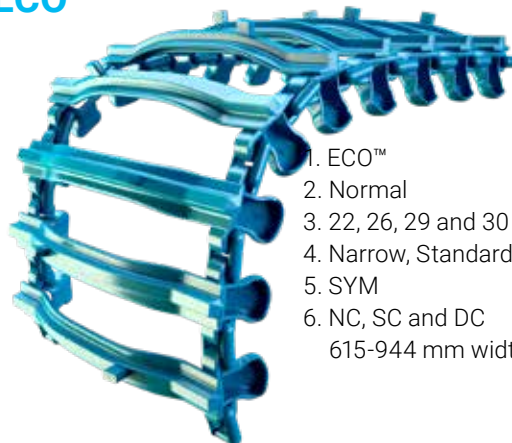
Allround

ALL AROUND

Our All Around tracks manage just about any conditions. There are tracks for all machine types and sizes, and they are ground and tire friendly

Our All Around Tracks: ECO, KOVAX and U

ECO™



1. ECO™
2. Normal
3. 22, 26, 29 and 30 mm
4. Narrow, Standard and Soft
5. SYM
6. NC, SC and DC
615-944 mm width

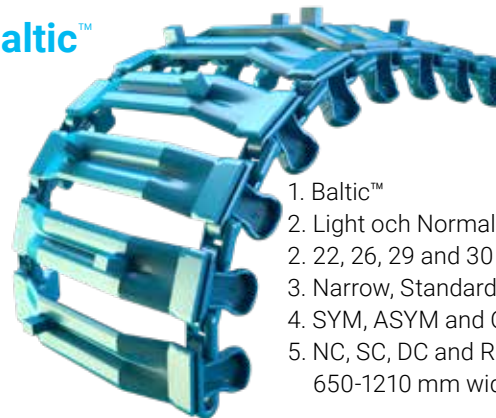
GRIP FLOTATION SNOW

FLOTATION

They give you increased flotation on wet and soft terrain while at the same time, reducing ground disturbance.

Our Flotation Tracks: Baltic, CoverB and CoverX

Baltic™

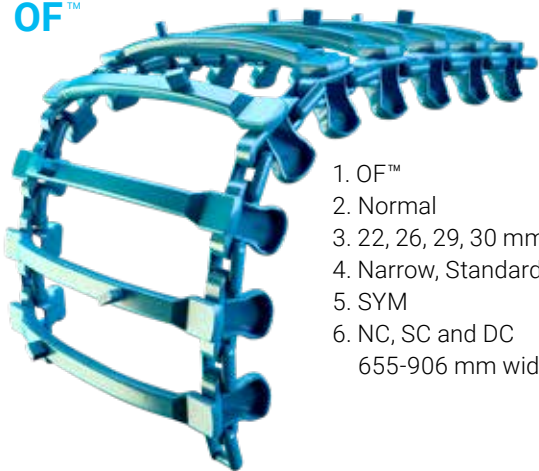


1. Baltic™
2. Light och Normal
2. 22, 26, 29 and 30 mm
3. Narrow, Standard and Soft
4. SYM, ASYM and OSS
5. NC, SC, DC and RC
650-1210 mm width

GRIP FLOTATION SNOW

FLOTATION

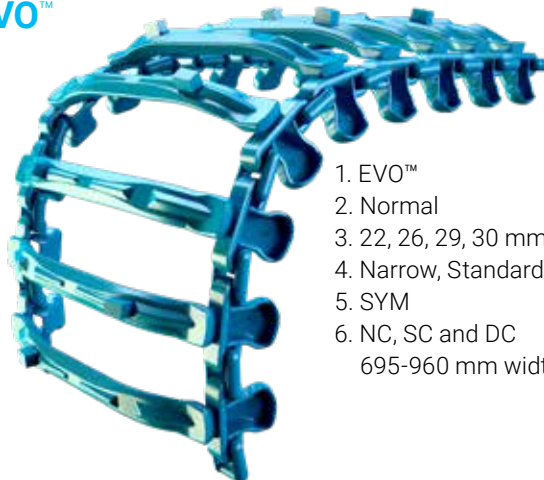
OF™



1. OF™
2. Normal
3. 22, 26, 29, 30 mm and Max
4. Narrow, Standard and Soft
5. SYM
6. NC, SC and DC
655-906 mm width

GRIP FLOTATION SNOW

EVO™



1. EVO™
2. Normal
3. 22, 26, 29, 30 mm and Max
4. Narrow, Standard and Soft
5. SYM
6. NC, SC and DC
695-960 mm width

GRIP FLOTATION SNOW

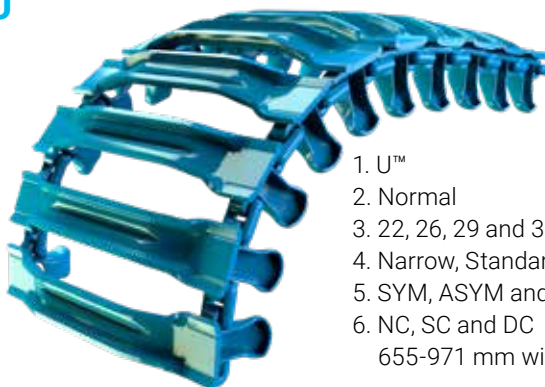
KovaX™



1. KovaX™
2. Normal and Plus
3. 22, 26, 29, 30 mm and Max
4. Narrow, Standard and Soft
5. SYM and OSS
6. NC, SC, DC and RC
680-950 mm width

GRIP FLOTATION SNOW

U™



1. U™
2. Normal
3. 22, 26, 29 and 30 mm
4. Narrow, Standard and Soft
5. SYM, ASYM and OSS
6. NC, SC and DC
655-971 mm width

GRIP FLOTATION SNOW

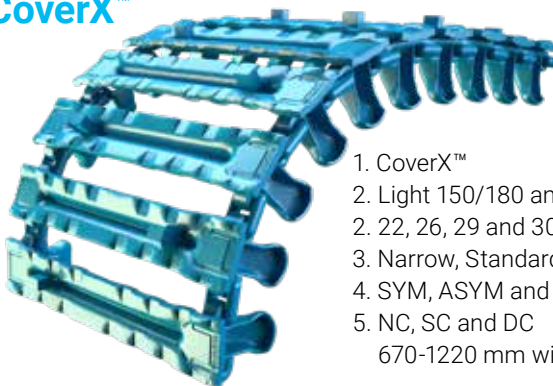
CoverB™



1. CoverB™
2. Light and Normal
2. 22, 26, 29 and 30 mm
3. Narrow Standard and Soft
4. SYM, ASYM and OSS
5. NC, SC, DC and RC
670-1220 mm width

GRIP FLOTATION SNOW

CoverX™



1. CoverX™
2. Light 150/180 and Normal 150/180
2. 22, 26, 29 and 30 mm
3. Narrow, Standard and Soft
4. SYM, ASYM and OSS
5. NC, SC and DC
670-1220 mm width

GRIP FLOTATION SNOW

LINK SYSTEM DIMENSIONS

LINK Ø mm

- 22
- 26
- 29
- 30
- Max



LINK Ø 22 mm

- A - 180 mm
- B - 45 mm
- C - 15 mm

LINK Ø 26 mm

- A - 190 mm
- B - 45 mm
- C - 20 mm

LINK Ø 29 mm

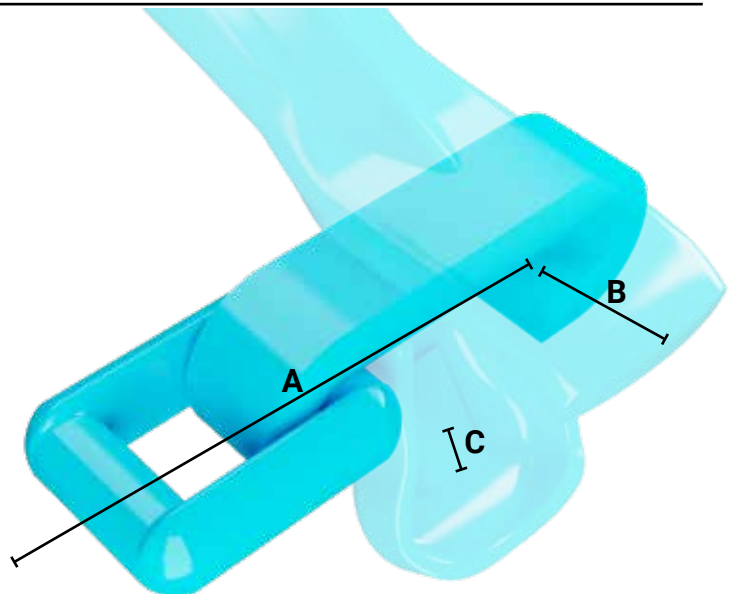
- A - 190 mm
- B - 50 mm
- C - 22 mm

LINK Ø 30 mm

- A - 195 mm
- B - 50 mm
- C - 30 mm

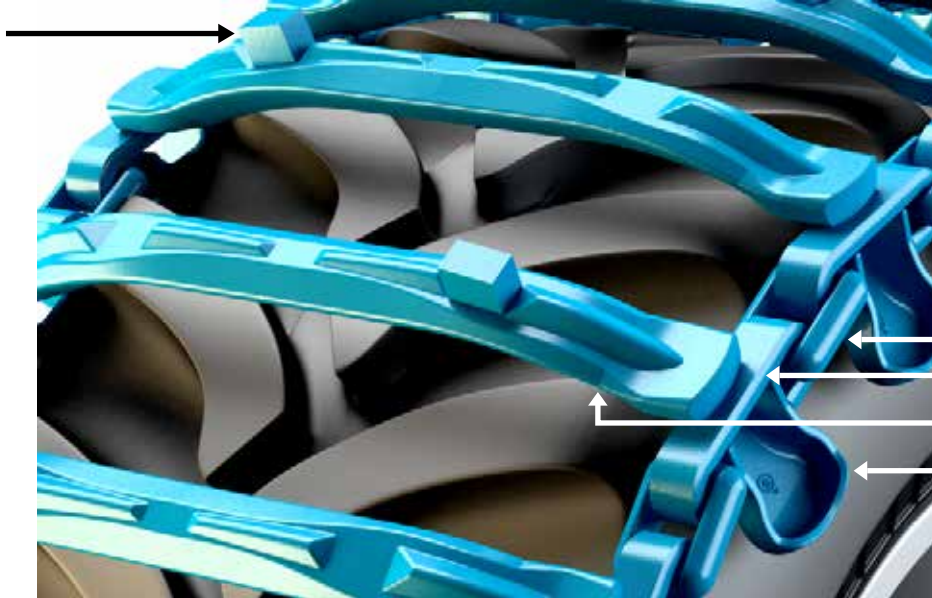
LINK Ø Max

- A - 150 mm
- B - 45 mm
- C - 20 mm



TRACK COMPONENTS AND DESCRIPTION

Cleat/stud



Link
Link hook
Cross member
Side support

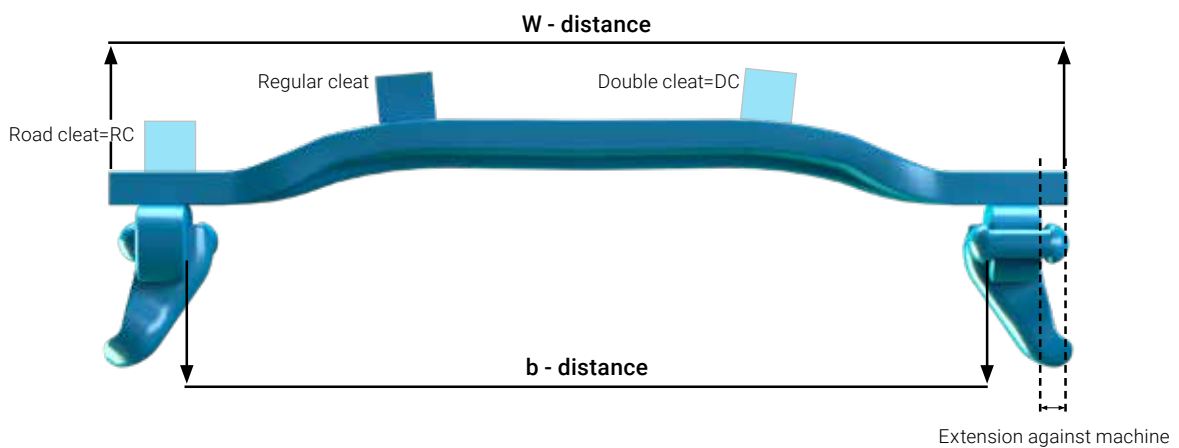


Serial number plate



Track Locks

The b-distance is important to verify the track type and part number if the identification is missing or unknown.



RECOMMENDED TIRE PRESSURES

PLEASE NOTE!

**ALWAYS USE MAXIMUM
TIRE PRESSURE**

Tires			
Dimension	Brand	Model	Max.pres.
600/50 x 22.5	Nokian	ELS L-2 (16)	4.3 bar/62 psi
	Nokian	TRS LS-2 (16)	4.3 bar/62 psi
	Trelleborg	T428 143/150	4.0 bar/58 psi
	Trelleborg	T428 149/156	5.0 bar/73 psi
650/45 x 22.5	Trelleborg	T422 150	5.0 bar/73 psi
700/45 x 22.5	Nokian	ELS L-2 (16)	3.9 bar/57 psi
	Nokian	TRS LS-2 (16)	3.9 bar/57 psi
710/40 x 22.5	Nokian	FK F	3.9 bar/57 psi
	Trelleborg	T428 145/152	4.0 bar/58 psi
	Trelleborg	T428 151/158	5.0 bar/73 psi
600/55 x 26.5	Nokian	ELS L-2 (16)	4.6 bar/67 psi
	Nokian	ELS L-2 (20)	5.5 bar/80 psi
	Nokian	TRS LS-2 (16)	4.6 bar/67 psi
	Nokian	FK F (16)	4.6 bar/67 psi
	Nokian	FK F (20)	5.5 bar/80 psi
	Trelleborg	T428 160/167	6.0 bar/87 psi
	Trelleborg	T422 154/161	5.0 bar/73 psi
	Firestone	Forestry EL	3.9 bar/56 psi
	Nokian	TRS 2 (20)	5.5 bar/80 psi
	Trelleborg	T440	6.0 bar/87 psi
	Trelleborg	T480	6.0 bar/87 psi
620/55 x 30.5	Trelleborg	T428 158/165	5.0 bar/73 psi
650/65 x 26.5	Nokian	ELS L-2	5.5 bar/80 psi
650/60 x 26.5	Trelleborg	T428 161/168	5.0 bar/73 psi
700/50 x 26.5	Nokian	ELS L-2 (16)	4.6 bar/67 psi
	Nokian	ELS L-2 (20)	5.5 bar/80 psi
	Nokian	TRS LS-2 (16)	4.6 bar/67 psi
	Nokian	TRS LS-2 (20)	5.5 bar/80 psi
	Trelleborg	T423	5.0 bar/73 psi
	Firestone	Forestry EL	4.6 bar/66 psi
710/40 x 24.5	Trelleborg	T440	6.0 bar/87 psi
	Trelleborg	T480	6.0 bar/87 psi
	Firestone	Forestry EL	5.0 bar/73 psi

Tires			
Dimension	Brand	Model	Max.pres.
710/45 x 26.5	Nokian	FK F (16)	4.6 bar/67 psi
	Nokian	FK F (20)	5.5 bar/80 psi
	Trelleborg	T428 151/158	4.5 bar/65 psi
	Trelleborg	T428 163/170	6.0 bar/87 psi
	Nokian	TRS 2 (20)	5.5 bar/80 psi
	Nokian	F2 (20)	5.5 bar/80 psi
	Nokian	F2 (24)	6.0 bar/87 psi
	Trelleborg	T440	6.0 bar/87 psi
	Trelleborg	T480 (20)	6.0 bar/87 psi
710/55 x 28.5	Trelleborg	T480 (24)	6.0 bar/87 psi
	Firestone	Forestry EL	5.0 bar/73 psi
710/55 x 28.5	Nokian	F2 (24)	6.0 bar/87 psi
750/50 x 26.5	Trelleborg	T428 163/170	5.0 bar/73 psi
	Nokian	T428 170/177	6.0 bar/87 psi
	Nokian	FK F (20)	5.5 bar/80 psi
	Trelleborg	T428 160/167	6.0 bar/87 psi
	Trelleborg	T422 154/161	5.0 bar/73 psi
	Firestone	Forestry EL	3.9 bar/56 psi
	Nokian	TRS 2 (20)	5.5 bar/80 psi
	Trelleborg	T440	6.0 bar/87 psi
	Trelleborg	T480	6.0 bar/87 psi
	700/50 x 30.5	Trelleborg	T423
750/55 x 26.5	Nokian	ELS L-2 (20)	5.5 bar/80 psi
	Nokian	TRS L-2 (20)	5.5 bar/80 psi
	Nokian	FK F (20)	5.5 bar/80 psi
	Nokian	FK F2 (24)	6.0 bar/87 psi
750/45 x 30.5	Trelleborg	T480	6.0 bar/87 psi
	Trelleborg	T428 169/176	6.0 bar/87 psi
780/50 x 28.5	Nokian	F2 (24)	6.0 bar/87 psi
780/50 x 28.5	Trelleborg	T480	6.0 bar/87 psi
780/55 x 26.5	Trelleborg	T480	6.0 bar/87 psi
800/40 x 26.5	Nokian	FK F (20)	5.0 bar/73 psi
	Trelleborg	T423	5.0 bar/73 psi

Olofsfors AB, together with the tire manufacturers, recommends using the maximum allowed tire pressure when using tracks. In order to know the maximum tire pressure, consult the tire manufacturer's respective Web site.

Winter conditions

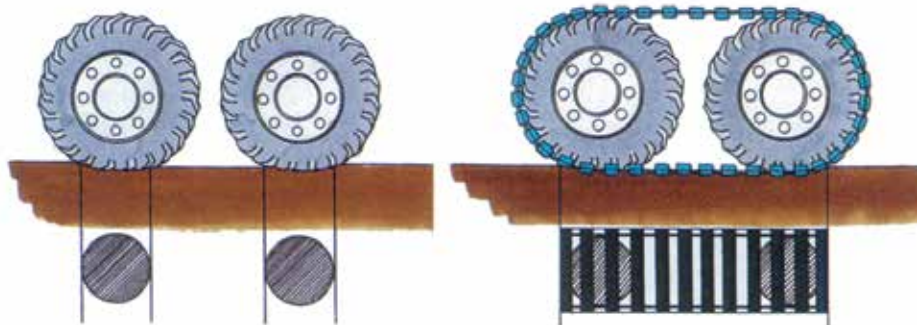
When conducting tire pressure maintenance, air temperature must also be taken into account: as the air temperature inside the tire decreases, air pressure decreases by approximately 10 kPa / 10°C = 1.45 psi / 10° C = 1.45 psi / 18°F.

GROUND PRESSURE

The main advantage of tracks is that the cross members distribute the load over a large area instead of being concentrated on two small surfaces. Branches, roots, etc., often cover the ground, which help to support a tracked vehicle. Tires however, tend to sink into and compact the ground.

The advantages of using the right tracks:

- Reduced ground pressure and increased flotation
- Protect ground against damage
- Less ground compaction
- Increased traction
- Less wear on power train of the machine
- Reduced fuel consumption
- Increased load capacity
- Greater stability when driving, loading and unloading
- Reduced vibrations



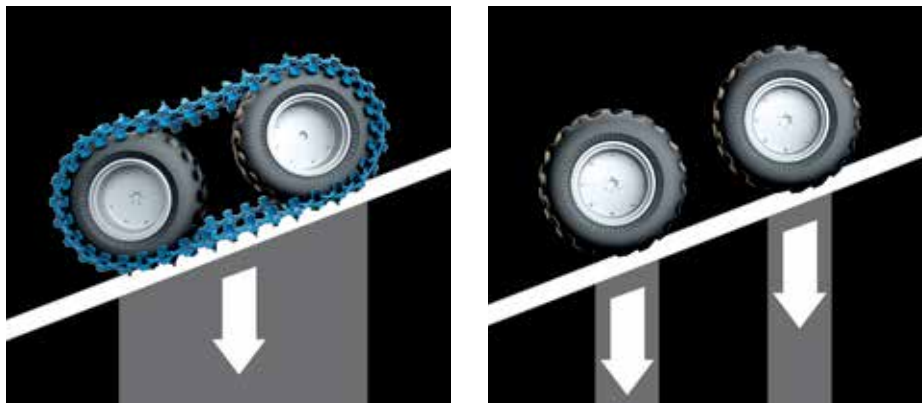
Maximum Machine Load	Tire Size	Tires Only		ECO		ECO Soft		Baltic	
		psi	kPa	psi	kPa	psi	kPa	psi	kPa
12t	600 x 26.5	16.99	117.17	9.32	64.26	---	---	7.78*	53.67*
12t	710 x 26.5	14.38	99.18	7.54	51.95	7.01	48.36	6.41	44.18
14t	600 x 26.5	18.90	130.32	10.29	70.93	---	---	8.59*	59.23*
14t	710 x 26.5	16.00	110.31	8.31	57.29	7.73	53.31	7.05	48.61
14t	710 x 30.5	14.44	99.54	8.05	55.51	7.49	51.67	6.84	47.19
18t	750 x 26.5	16.92	116.66	9.42	64.94	8.76	60.41	7.97	54.98
18t	750 x 30.5	17.15	118.25	9.47	65.26	8.81	60.71	8.01	55.25
18t	780 x 26.5	16.27	112.17	9.42	64.94	8.76	60.41	7.97	54.98
20t	750 x 26.5	18.78	129.46	9.91	68.33	9.22	63.55	8.38	57.75
20t	780 x 26.5	18.05	124.48	9.91	68.33	9.22	63.55	8.38	57.75
20t	780 x 28.5	17.58	121.22	---	---	9.18**	63.29**	8.33	57.45

* 600 Baltic is 816mm (32"), all others are 1023mm (40")
 ** Based on EVO

The following assumptions are included in the calculations:
 8 wheel forwarder operating under normal conditions
 60-40% front vs. Rear empty machine weight

Formula provided by FERIC (Forest Engineering Research Institute of Canada)

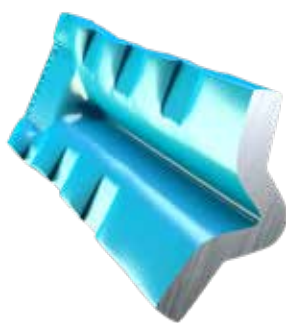
FIVE REASONS FOR CHOOSING TRACKS



With tracks, the machine will have a larger contact surface and the centre of gravity is distributed over a greater area.

#1 OPERATE WITH GREATER STABILITY AND INCREASED LOAD CAPACITY

Thanks to a larger contact surface, your machine will be steadier and you can load more. Your machine will be better balanced and operate with greater stability over the terrain. This stability reduces the risk of your machine overturning. You can operate faster and load more with greater stability. This saves time and provides an improved operating experience.

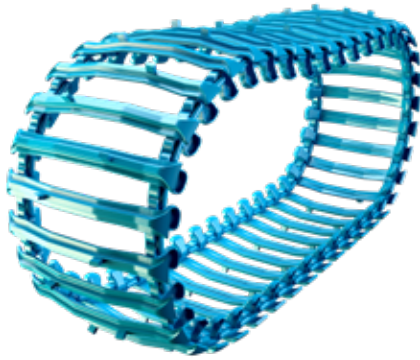


#2 BETTER TRACTION AND PULLING POWER

Regardless of the surface you operate on, Olofsfors tracks give you better traction and pulling power. This is mainly due to two things. First, the larger contact surface over tires alone; and secondly, the unique shape of the cross members for each track.

The size and profile of the cross members differ so each track is optimized for a certain type of terrain.

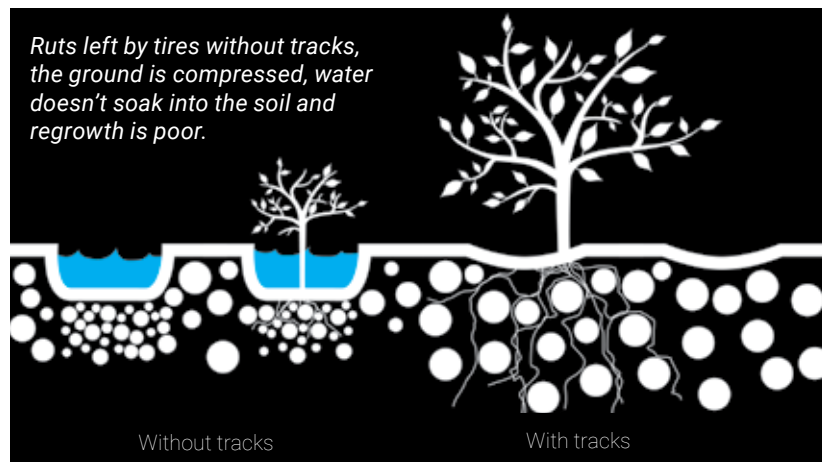
The cross member profile on the CoverX track – optimized to provide low rolling resistance and ground protection.



#3 PROLONGED TIRE LIFE

With Olofsfors tracks, your tires will attain more than twice the usual service life. This is due to the track having contact with the ground first instead of your tires.

Without tracks, your tires last for 3,500–4,000 hours, during which you also risk punctures and other damage that keeps you from working. With our tracks, this type of damage is reduced and after 7,000–8,000 hours of operation, 75% of your tires service life still remains.



#4 REDUCED GROUND DAMAGE

Olofsfors tracks are gentle on the forest floor. With our tracks you secure better regeneration and ensure that it will continue to be profitable well into the future.

Without tracks, your tires dig in, leave deep ruts and damage tree roots. The soil is compressed and water collects in the ruts and cannot soak into the soil. This ultimately leads to poor regrowth and quality. The forest's profitability declines as the years go by – or in the worst case, disappears.




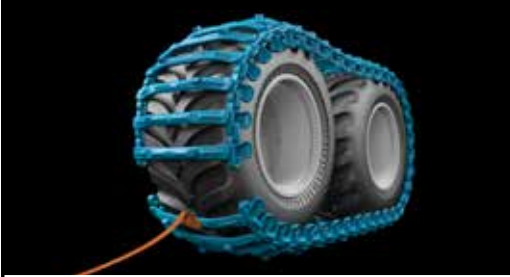

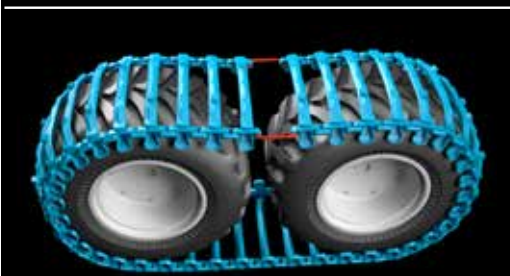
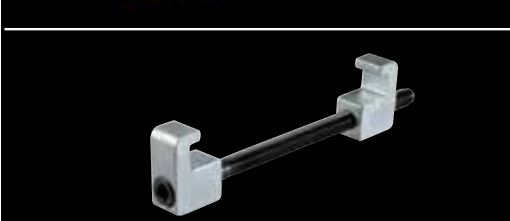
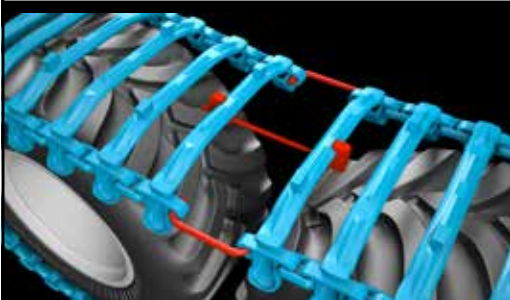
With tracks, the pressure is more evenly distributed against the ground and the tires don't dig down as deep.

#5 REDUCED FUEL CONSUMPTION

With Olofsfors Tracks, your fuel consumption decreases because the tires are not digging down into the soil as deep as a bogie without tracks. The machine doesn't have to work as hard and consequently consumes less fuel.

The reason the tires don't dig down as deep is that the pressure the machine applies to the ground is more evenly distributed.

MOUNTING INSTRUCTIONS - "RATCHET TOOL"

	<p>1 Unroll the track sections and join them together with large track locks. Drive the track on the bogie using straps or chain.</p>
	<p>2 Drive the track around until the ends are at one end of the bogie.</p>
	<p>3 Unhook the strap or chain and mount the two clamps from the outside into the link hooks.</p>
	<p>4 Drive forward slowly until the clamps are between the bogie wheels. NOTE: If the tires are new, it helps if they are wet so the track can slide easier. It may also be needed to pry/lift the track towards the top.</p>
	<p>5 Mounting tool – tensioner – with screw. (The picture shows a manual tensioner).</p>
	<p>6 Mount the installation tool on the cross members from below. Make sure that it is in the middle. Then use a ratchet to start pulling the sections together. Make sure the track is tight-ening straight.</p>

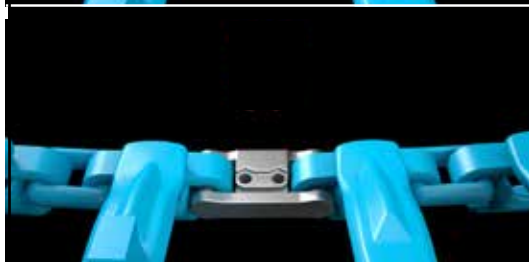
MOUNTING INSTRUCTIONS - "RATCHET TOOL"



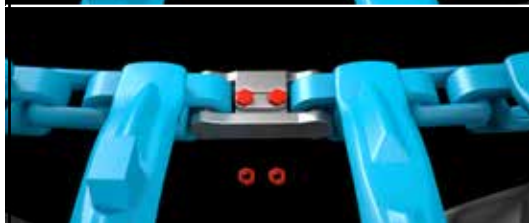
7
When the clamps are loose, remove them from the track.



8
Continue to tighten the track until you can install the track locks. The track lock is inserted from the inside of the track.



9
Mount the track lock plate from the outside of the track.

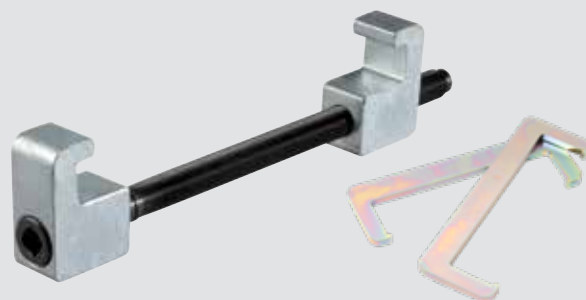


10
Insert the bolt through the top of the track lock. This protects the nut from ground damage.



11
Remove the tool. The proper track tension is 25 - 50mm, 1 - 2" sag in the middle.

Part.no	Track Model
036-468510	ECO
036-468511	OF
036-468513	U
036-468514	BALTIC
036-468518	EVO
036-490740	EX
036-468250	KOVAX
036-468260	COVERX
036-468270	COVERX M
035-470130	SPARE U CLAMP



MOUNTING INSTRUCTIONS - GEARED TOOL

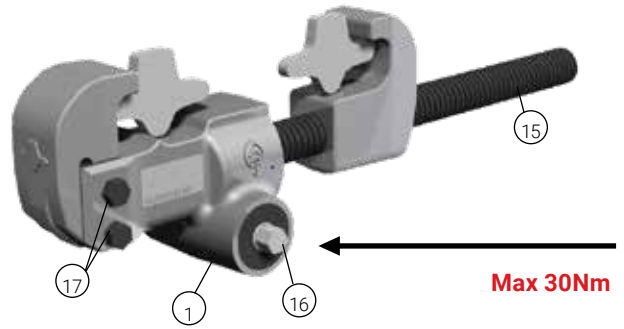
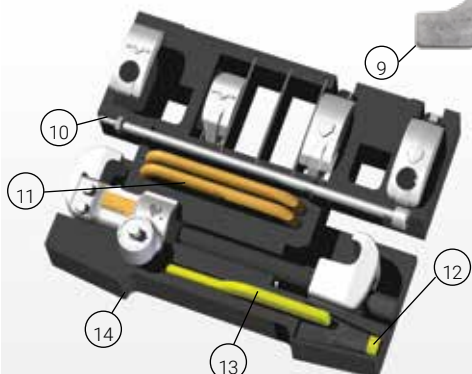
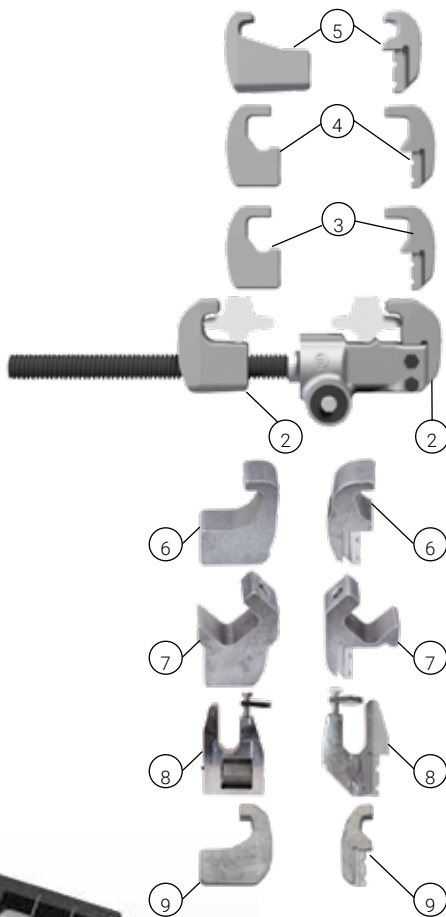
The geared tool saves significant time over the standard 'ratchet type' tool during track installation and adjustments. This tool features an extension bar that connects to a drill/impact driver that mechanically tightens the tracks. Equipped with different end lugs, this tool works great if different track models are being used or if the tracks are frequently removed and re-installed.

The geared tool follows the same mounting process as the ratchet tool. Be sure to have the correct end lugs for the track model.

Jaws are available for:

- ECO
- OF
- KovaX
- Baltic
- U
- EVO
- EX
- CoverX

L-jaws T-jaws



Right



Wrong



- | | |
|-----------------------------|------------|
| 1. Gear | 035-489300 |
| 2. ECO | 035-489410 |
| 3. OF | 035-489420 |
| 4. KovaX | 035-489450 |
| 5. Baltic | 035-489430 |
| 6. U | 035-489440 |
| 7. EVO | 035-489470 |
| 8. EX | 035-489357 |
| 9. CoverX | 035-489520 |
| 10. Extender | 035-489390 |
| 11. Clamps | 035-470130 |
| 12. Grease | 035-489370 |
| 13. Brush | 035-489375 |
| 14. Case | 035-489360 |
| 15. Spindle | |
| 16. Input shaft (A/F=16 mm) | |
| 17. M10 screws (A/F=16 mm) | |

WELDING INSTRUCTIONS

THE STRUCTURE OF BORON STEEL

Hardened boron steel has a very high yield point of 1000 – 1200 [MPa] and has a high carbon equivalent, CEIIW (0.55), CET (0.41), which directly affects the risk of cold/hydrogen cracking.

COLD CRACKS

Cold cracks occur in areas adjacent to the welding bead at low temperatures when hydrogen (from moisture, rust and snow) accumulates in areas with high tension and “explodes” the steel, forming small cracks. This means that the piece to be welded must be preheated, and electrodes must be kept as dry and clean as possible. Electrodes from an opened package must be dried in a drying cabinet before use. In addition, the material to be welded must be clean and dry.

Rutile flux-cored wires must not be used since they capture hydrogen.

HOT CRACKS

Hot cracks/solidification cracks are accumulations of an alloying element and contaminants (carbon, sulphur and phosphorus), in the centre of the weld. Welding using a high amperage and a low welding speed can produce this type of cracking.

FATIGUE

Fatigue properties of a joint are improved by a smooth transition between the weld and the base material.

RECOMMENDATIONS

Extensive tests have been carried out at Olofsfors AB and we recommend that you follow the information below and attached weld data sheets for best results. In all cases, welding must only take place after snow, dirt and any rust has been removed from the material.

When welding cleats, the main weld must be along the length of the crossbar; **no welding across the crossbar must take place.**

Preheat the material according to the WPS. When welding in an environment where moisture can accumulate on the steel, the steel must always be heated first. The welding dimension is a4.

ESAB OK Autrod 12,50/12.51

represents the MAG method and must be welded with the base material preheated to about + 50 [°C] to avoid cold cracks.

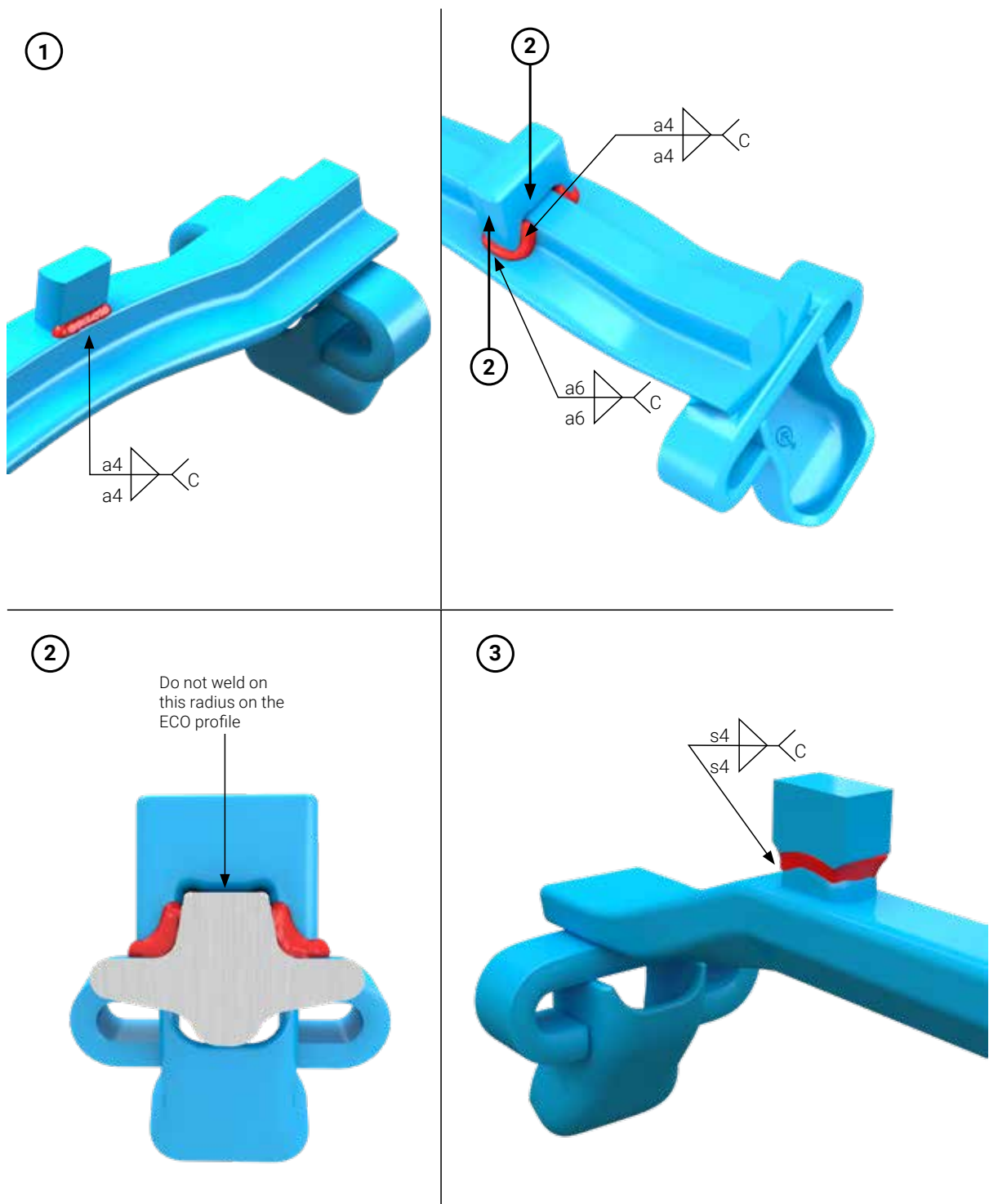
See WPS135PA04-03

ESAB OK 67,45 is a stainless austenitic filler metal and can be welded without pre-heating if the crossbar is free from snow, dirt, moisture and warmer than the surrounding.

See WPS111PA02-03

ESAB OK 48,00 is a black filler metal and should be welded with the base material preheated to + 75 [°C] to avoid cold cracks.

See WPS111PA01-03



WELDING CLEATS

- Never weld cleats in the centre section of the cross member.
- All welding passes are to be parallel with the cross member.
- Position cleats and tack weld in place. Weld 10 - 15 cleats in place on the opposite side of the tack weld. This will prevent a localized over-heating of the cross member material, at this point return to the previous 10 - 15 cleats and complete the welding on the opposite side of the cleat.
- Consult your local dealer for the correct replacement cleat. It is highly recommended to use the replacement cleats because they are made of the same material as the cross members. Fillet welds are to be a maximum of 3/16".

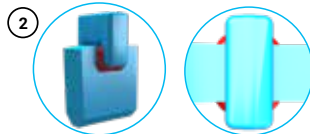
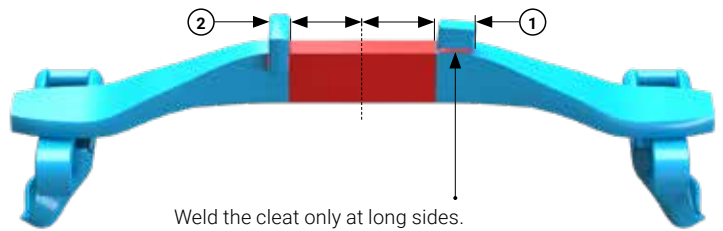
Note! Don't weld cleat in the marked area.

EX

Recommended cleat, two options

Part no: 022-415720 (1)

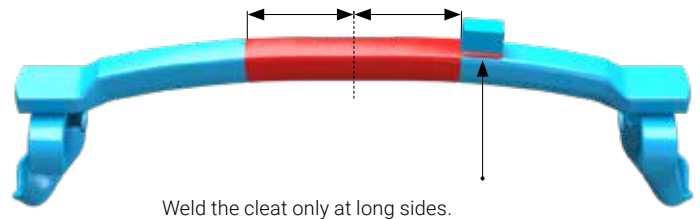
Part no: 022-483156 (2)



OF

Recommended cleat

Part no: 022-488200



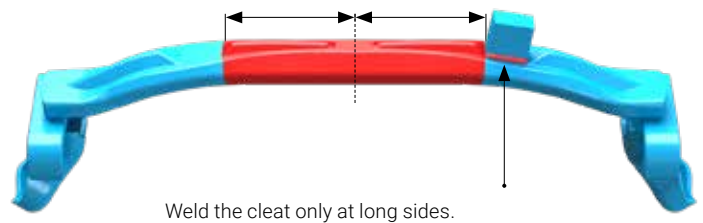
EVO

Recommended cleat

Part no: 022-488205

Light tracks

Part no: 022-488200

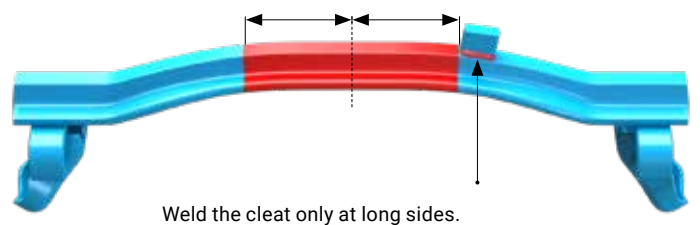


ECO

Recommended cleat

Part no: 022-415720

Part no: 022-483156

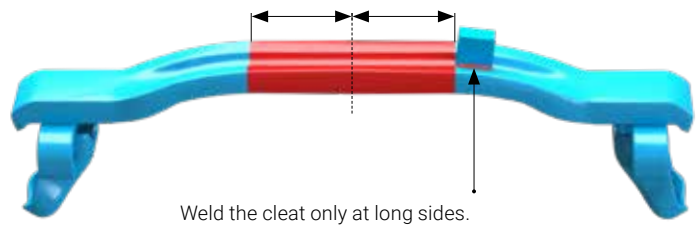




Note! Don't weld cleat in the marked area.

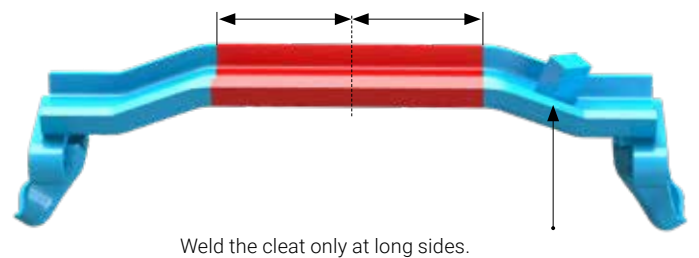
KOVAX

Recommended cleat
Part no: 022-488205



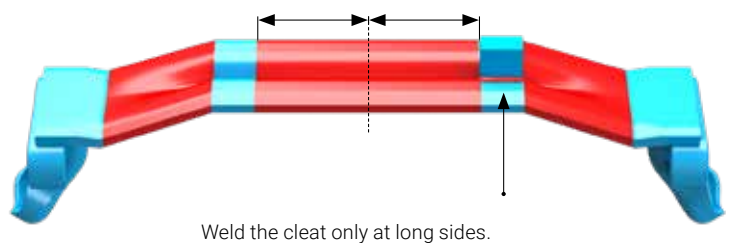
U

Recommended cleat
Part no: 022-415710



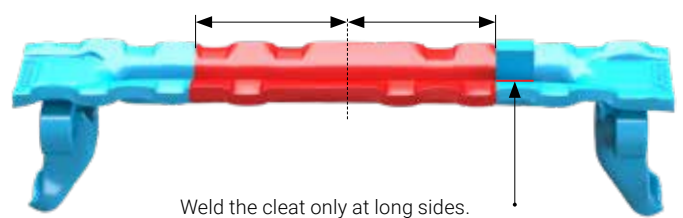
BALTIC

Recommended cleat
Part no: 022-488205



CoverX

Recommended cleat
Part no: 022-488205



RE-CLEATING

UNIQUE CLEAT FOR RE-CLEATING

▶ **DESIGNED FOR WELDING OVER WORN CLEATS**

- Rounded inside that fits the worn cleat profile
- Simple re-cleating
- Increased life time on the cross member



▶ **MINIMAL IMPACT ON CROSS MEMBER**

- No heat transfer to the cross member
- Minimal risk of cracks in the cross member after re-cleating
- Maintain the strength in the cross member



▶ **ORDER OUR CLEAT KITS**

037-415725 80 pcs 45x20 L=30

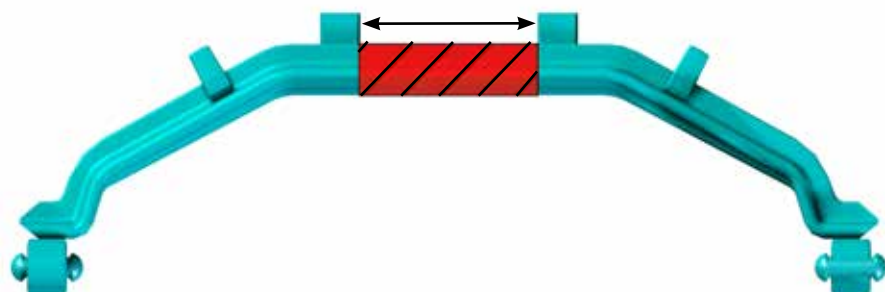
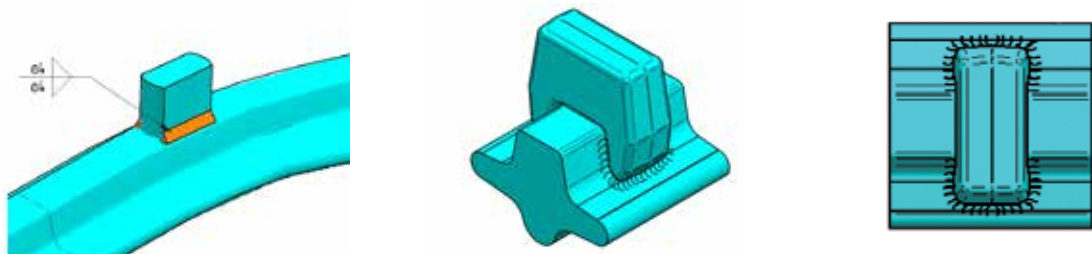
037-488215 80 pcs 50x30 L=35

or purchase individually

WELDING CLEATS - WHEEL TRACKS

Welding Cleats:


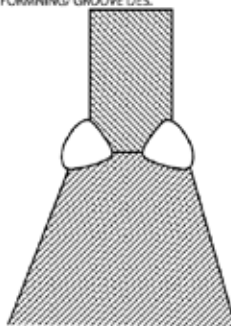
- Never weld cleats on the centre section of the cross-member. See Figure below.
- All welding passes are to be parallel with the cross-member.
- Position cleats and tack weld in place. (Never weld cleats on the centre section of the cross member). Weld 10-15 cleats in place on the opposite side of the tack weld. This will prevent a localized over-heating of the cross member material, at this point return to the previous 10-15 cleats and complete the welding on the opposite side of the cleat.
- Consult your local dealer for the correct replacement cleat. It is highly recommended to use the replacement cleats because they are made of the same material as the cross members. Fillet welds are to be a maximum of 3/16".


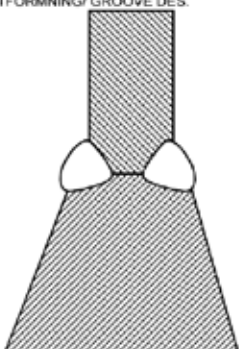



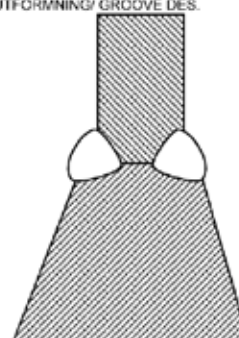
NOTE

Don't weld cleats in the marked area.

This is a sample of a welding procedure specification. WPS for ESAB OK 67, 45 (Stainless) and OK Autrod 12,50/12,51 (Gas Metal Arc Welding), can be found at our home page: www.olofsfors.com

 Svetsdatablad WPS Welding Procedure Specification		STANDARD SVETSPROCEDUR WELDING PROCEDURE SPECIFICATION		WPS 111PA01-03 <small>REV: 01</small>						
SVETS/METOD WELDING PROCESS		111		FOGUTFORMNING/ GROOVE DES. SVETS/FOLJID/ WELDING SEQ.						
WPAR No		WPAR111PA01-00								
Intrångningsgodkännande Penetration approval		se svetsprover see welding tests								
GRUNNMATERIAL		BASE MATERIAL								
MATERIALYP MATERIAL TYPE OR GRADE		W03		POS GILTIGHETSOMRÅDE RANGE OF POSITION QUA.						
TJOCKLEKSOMRÅDE TH. RANGE QUALIFIED		5 - 50mm								
KOLEKVALENT Cew (IRW) CARBON EQUIVALENT Cew										
FABRIKAT TRADE NAME		ESAB								
TILLSATSMATERIAL		FILLER MATERIAL		FÖR/VÄRMNING PREHEAT GILTIGHETSOMRÅDE RANGE OF POSITION QUA.						
BEHÄMNING DIN / EN CODE		OK 48.00 EN 499-E 42 4 B 42 HS								
TORKNING AV ELEKTRODER DRYING OF ELECTRODES		ENL. LEVERANTÖR ACC. SUPPLIER								
PULVER FLUX										
ROTSTÖD BACKING				VÄRMNING PREHEAT FÖR VÄRMNINGSTE MP. PREHEAT TEMP. MELLANSTRÅNGSTEMP. INTERPASS TEMP. VÄRMNINGSMETOD APPL. METHOD MÄTMETOD METHOD OF MEASUREMENT						
SKYDDSGAS TYPE OF SHIELDING										
SAMMANSÄTTNING COMPOSITION										
FLODE FLOW RATE										
ROTSGAS GAS BACKING				VÄRMBEHANDLING POST WELD HEAT TREATM. VÄRMNING/KYLN. HAST. HEATING/COOLING RATE HÅLLTEMPERATUR SOAKING TEMP. HÅLLTID SOAKING TIME VÄRMNINGSMETOD APPLICATION METHOD						
FABRIKAT TRADE NAME										
STRÅNG, PENNING STRING, WEAVE BEAD		STRÅNG STRING								
RENGÖRINGSMETOD CLEANING METHOD		SLIP GRINDING								
TEKNIK		TECHNIQUE		Anmärkning/ remarks Avlägsna snö, smuts och rost. Remove snow, dirt and rust. Materialet måste vara helt torrt före svetsning. The material must be completely dry before welding. Svetsa ej på kortsida brodd. Do not weld clost on the short side Motsvots för önskad inträngning: 5 - 10 grader Backhand welding for best deep penetration: 5-10 degree Welder: NORM CODE						
HÄFTNINGSMETOD FIT UP METHOD		SVETS WELDING								
ROTSIDANS BEHANDLING ROOT PREPARATION										
ENKEL/DUBBELEKTROD SINGLE/MULTIPLE ELECTRODE										
STRÅNG BEAD	METOD PROC.	TILLSATSMATERIAL FILLER MATERIAL								
		StickOut mm	VARUNAMN TRADE NAME	DIAM.	AC DC	POL. (+)	AMPERE MIN MAX	VOLT MIN MAX	CM/MIN TRAVELSP.	STRÄCKENERGI HEATINPUT
1	111		OK 48.00	3,2	DC	(+)	95 105	24 - 26	11 - 17	1,0
2 - 5	111		OK 48.00	3,2	DC	(+)	140 150	25 - 27	16 - 24	1,2
GODKÄNNANDE APPROVALS		OLOFSFORS		KUND CLIENT		MYNDIGHET				
DATUM DATE		2012-06-11		DATUM DATE		DATUM DATE				

			STANDARD SVETSPROCEDUR						WPS		
Svetsdatablad WPS			WELDING PROCEDURE						111PA02-03		
Welding Procedure Specification			SPECIFICATION								
SVETSMETOD WELDING PROCESS			111			FOGUTFORMNING/ GROOVE DES.			SVETSFÖLJDI/ WELDING SEQ.		
WPAR No			WPAR111PA02-00								
Inträningsgodkännande Penetration approval			se svetsprover see welding tests								
GRUNDMATERIAL	BASE MATERIAL	MATERIALTYP MATERIAL TYPE OR GRADE	W03			FÖRVARMNING	PREHEAT	RANGE OF POSITION QUAL.		PA, PB	
		TJOCKLEKSOMRÅDE TH. RANGE QUALIFIED	5 - 50mm								
		KOLEKVIVALENT C _{eq} (RW) CARBON EQUIVALENT C _{eq}									
TILLSATSMATERIAL	FILLER MATERIAL	FABRIKAT TRADE NAME	ESAB			VÄRMEHÅNDLING	POST WELD HEAT TREATM.	VÄRMEHÅNDLING			
		BENÄMNING DIN / EN CODE	OK 67.45 EN 1600: E 10 0 Mn B 4 2								
		TORKNING AV ELEKTRODER DRYING OF ELECTRODES	ENL. LEVERANTÖR ACC. SUPPLIER								
		PULVER FLUX									
		ROTSTÖD BACKING									
SKYDDSGAS	SHIELDING GAS	SKYDDSGAS TYPE OF SHIELDING				VÄRMEHÅNDLING	POST WELD HEAT TREATM.	VÄRMEHÅNDLING			
		SAMMANSÄTTNING COMPOSITION									
		FLÖDE FLOW RATE									
		ROTGAS GAS BACKING									
		FABRIKAT TRADE NAME									
TENIK	TECHNIQUE	STRÅNG, PENDING STRING, WEAVE BEAD	STRÅNG STRING			VÄRMEHÅNDLING	POST WELD HEAT TREATM.	VÄRMEHÅNDLING		Anmärkning/ remarks	
		RENGÖRINGSMETOD CLEANING METHOD	SLIP GRINDING								
		HÄFTNINGSMETOD FIT UP METHOD	SVETS WELDING								
		ROTSIDANS BEHANDLING ROOT PREPARATION									
		ENKEL/DUBBELEKTROD SINGLE/MULTIPLE ELECTRODE									
STRÅNG BEAD	METOD PROC.	TILLSATSMATERIAL FILLER MATERIAL									
		S BackÖut mm	VAR UNAMN TRADE NAME	DIAM.	AC DC	POL.	AMPERE MIN MAX	VOLT MIN MAX	CM/MIN TRAVELS P.	STRÄCKENERGI HEATINPUT	
1 - 4	111		OK 67.45	3,2	DC	(+)	90 100	22 25	11 - 14	1.0	
GODKÄNNANDE APPROVALS	OLOFSFORS			KUND CLIENT			MYNDIGHET				
	DATUM			DATUM			DATUM				
	DATE			DATE			DATE				

		STANDARD SVETSPROCEDUR					WPS			
Svetsdatablad WPS		WELDING PROCEDURE SPECIFICATION					135PA04-03			
Welding Procedure Specification							REV: 01			
SVETSMETOD WELDING PROCESS		135		FOGUTFORMNING/ GROOVE DES.			SVETSFÖLJDY WELDING SEQ.			
WPAR No		WPAR135PA04-00								
Inträngningsgodkännande Penetration approval		se svetsprover see welding tests								
GRUNDMATERIAL	BASE MATERIAL	MATERIALTYP	W03		POS	GILTIGHETSOMRÅDE				
		MATERIAL TYPE OR GRADE				RANGE OF POSITION QUA.				
TJOCKLEKSOMRÅDE	5 - 50mm		FÖRÄRMNING	FÖRÄRMNINGSTEMP.		50° C				
TH. RANGE QUALIFIED				PREHEAT TEMP.		122° F				
ROLEKVIVALENT Cew (IIW)			VÄRMNING	MELLANSTRÅNGSTEMP.		150-200° C				
CARBON EQUIVALENT Cew				INTERPASS TEMP.		302-392° F				
TILLSATSMATERIAL	FILLER MATERIAL	FABRIKAT	ESAB		POST WELD HEAT TREATING	VÄRMNINGSMETOD				
		TRADE NAME				ACETYLEN/ PROPAN				
		BENÄMNING	AUTORÖD 12.50/51			APPL. METHOD		Acetylene/ Propane		
		DIN / EN CODE	EN 440: G 42 3 M G3S1			MÄTMETOD		Krita, termometer		
TORKNING AV ELEKTRODER	ENL. LEVERANTÖR		VÄRMEHANDLING	VÄRMNINGSMETOD		Acetylen/ Propan				
DRYING OF ELECTRODES	ACC. SUPPLIER			APPL. METHOD		Acetylene/ Propane				
PULVER				MÄTMETOD		Krita, termometer				
FLUX				METHOD OF MEASUREMENT		Chalk, thermometer				
ROTSTÖD			SKYDDSGAS	VÄRMNINGSMETOD		Acetylen/ Propan				
BACKING				APPL. METHOD		Acetylene/ Propane				
SKYDDSGAS	SHIELDING GAS	SKYDDSGAS		ATAL		MÄTMETOD		Krita, termometer		
		TYPE OF SHIELDING				METHOD OF MEASUREMENT		Chalk, thermometer		
		SAMMANSÄTTNING	Ar + 18% CO2		VÄRMNINGSMETOD		Acetylen/ Propan			
		COMPOSITION			APPL. METHOD		Acetylene/ Propane			
FLÖDE	16 - 22 L/min		TEKNIK	VÄRMNINGSMETOD		Acetylen/ Propan				
FLOW RATE				APPL. METHOD		Acetylene/ Propane				
ROT GAS				MÄTMETOD		Krita, termometer				
GAS BACKING				METHOD OF MEASUREMENT		Chalk, thermometer				
FABRIKAT	AirLiquid		TEKNIK	VÄRMNINGSMETOD		Acetylen/ Propan				
TRADE NAME				APPL. METHOD		Acetylene/ Propane				
STRÅNG, PENDLING	STRÅNG			MÄTMETOD		Krita, termometer				
STRING, WEAVE BEAD	STRING			METHOD OF MEASUREMENT		Chalk, thermometer				
RENGÖRINGSMETOD	SLIP		TEKNIK	VÄRMNINGSMETOD		Acetylen/ Propan				
CLEANING METHOD	GRINDING			APPL. METHOD		Acetylene/ Propane				
HÄFTNINGSMETOD	SVETS			MÄTMETOD		Krita, termometer				
FIT UP METHOD	WELDING			METHOD OF MEASUREMENT		Chalk, thermometer				
ROTSIDANS BEHANDLING			ANMÄRKNING/ REMARKS		Remove snow, dirt and rust.					
ROOT PREPARATION			Avlägsna snö, smuts och rost.		The material must be completely dry before welding.					
ENKEL/DUBBELEKTROD			Materiallet måste vara helt torrt före svetsning.		Do not weld clean on the short side					
SINGLE/MULTIPLE ELECTRODE			Svetsa ej på kortsida brodd.							
			Welder:							
			NORM							
			CODE							
STRÅNG	METOD	TILLSATSMATERIAL								
BEAD	PROC.	FILLER MATERIAL								
		Stk/kOut	VARUNAMN	DIAM.	AC	POL.	AMPERE	VOLT	CM/MIN	STRÄCKENERGI
		mm	TRADE NAME		DC		MIN MAX	MIN MAX	TRAVELSP.	HEATINPUT
1	135	15-17	AUTORÖD 12.50	1,2	DC	(+)	140 150	20 - 22	17 - 20	0,9
2 - 5	135	15-17	AUTORÖD 12.50	1,2	DC	(+)	230 265	29 - 30	34 - 45	1,0
GODKÄNNANDE APPROVALS	OLOFSFORS		KUND		MYNDIGHET					
			CLIENT							
	DATUM		2012-05-24		DATUM					
	DATE		DATE		DATE					

To help you choose the right wheel track for your machine, here is an explanation of the components needed.

1. Cross member

Profile

2. Cross member type

Light and Normal

3. Link system

22 and 26 mm

4. Version

Standard, Soft and Narrow

5. Position

SYM = Symmetric

ASYM = Asymmetric

OSS = One Side Short

6. Cleat

NC = No Cleat

DC = Double Cleat

RC = Road Cleat

1. Profile

EX

OF

EVO

ECO

KovaX

Baltic



GRIP

Allround

FLOTATION

2. Cross member type

Cross member thickness, Light and Normal. Applicable for certain track types:

Light: Harvesters.

Normal: Standard size cross members for forwarders/skidders.

3. Link system



4. Version

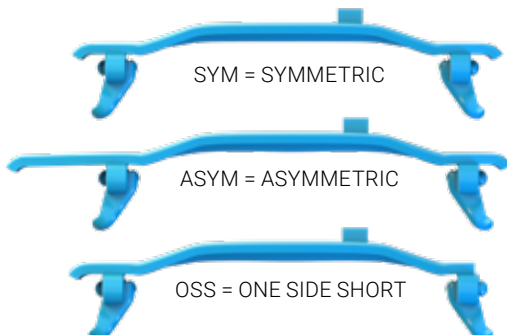
NARROW

STANDARD

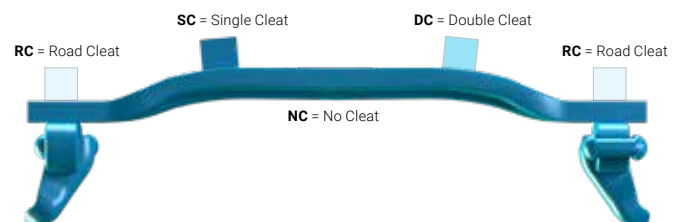
SOFT



5. Position



6. Cleat



WHEEL TRACK MODELS

Olofsfors Wheel Track

Olofsfors Wheel Tracks are suitable for skidders, forwarders, harvesters and wheeled feller bunchers. Thanks to its qualities and user benefits, wheel tracks are a very economical alternative to conventional chains.

Olofsfors Wheel Track (SKIDDER)

Are suitable for small to large skidders and wheeled feller bunchers where traction is the primary requirement. These tracks come standard with the heavy link system and available in various cleating configurations.



Olofsfors Wheel Track (CTL)

The lighter Wheel Track is used mainly in cut-to-length applications. It fits on metric sized tires for harvesters and forwarders, and can be customized with different cross members to suit any operating condition and machine.



GRIP

Allround

FLOTATION

USER BENEFITS

The advantages of using Olofsors Wheel Tracks:

- Improved traction
- Less wear on drive train - reduced spin and grab effect
- Less maintenance, easy adjustments
- Greater machine mobility and stability
- Extended operating season
- Self cleaning
- Extends tire life
- Fits new or used tires
- Wider footprint than standard tires
- Less ground compaction
- Less spinning = less rutting

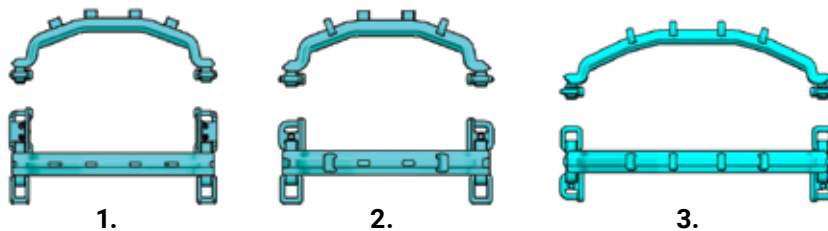


SKIDDER WHEEL TRACKS

Cleating

Olofsfors Wheel Tracks are manufactured for skidders, wheeled feller bunchers, harvesters and forwarders. Wheel Tracks provide superior traction, reduced spin and grab, less maintenance, extended tire life and less ground disturbance.

The following list is factory standard. Cleat configurations can be changed prior to ordering.



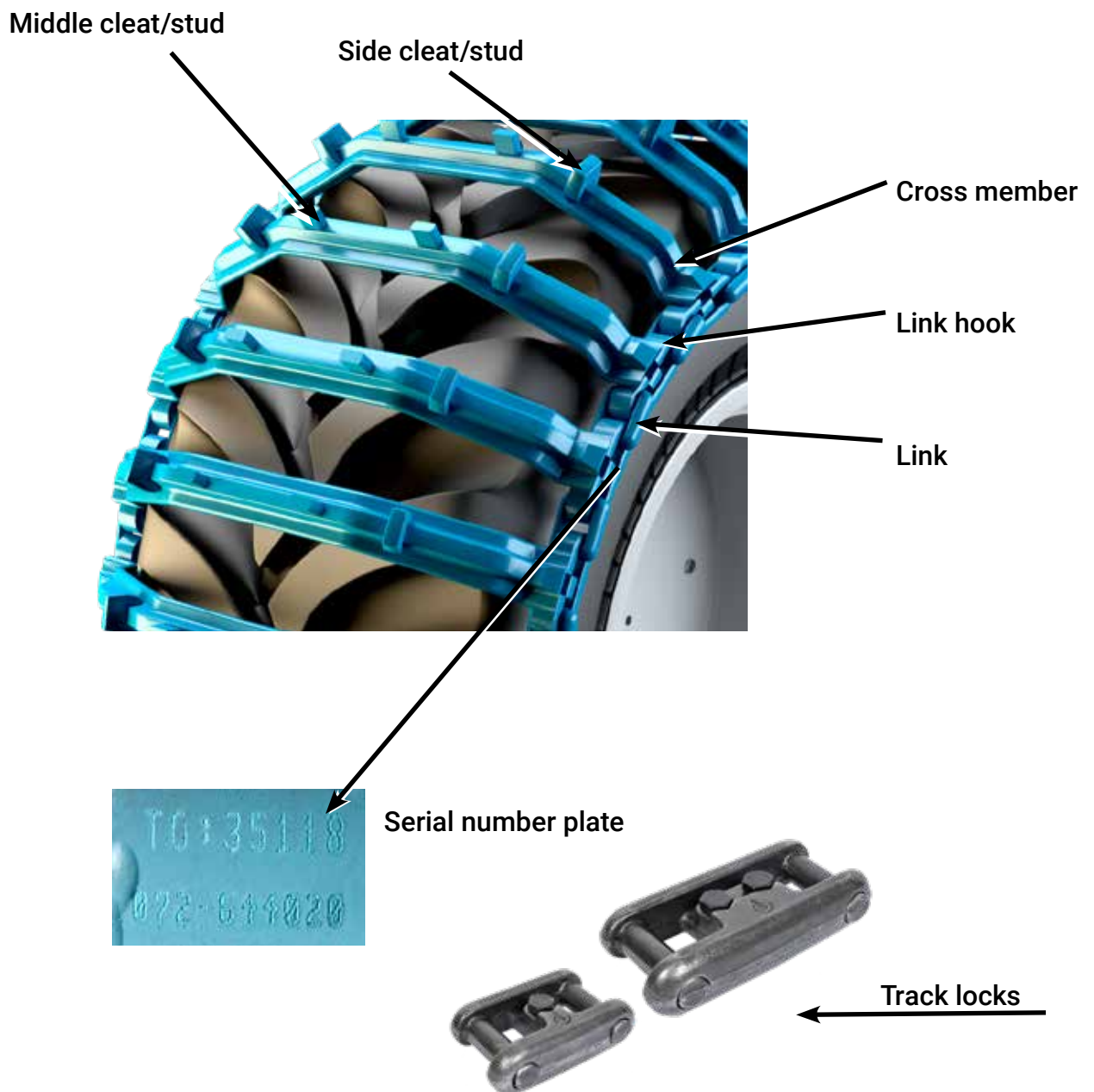
Cleating type 1, 2, 3. Other options are also possible.

Part no.	Description	Kg/Pair	Lb/Pair	Cleating
22 mm Link System				
193-631020	Wheel Track 23.1 x 26	1 000	2 204	2
193-626040	Wheel Track 24.5 x 32	1 145	2 524	2
193-628020	Wheel Track 28L x 26	1 040	2 293	2
26 mm Link System				
293-628020	Wheel Track 28L x 26	1 128	2 486	2
293-627020	Wheel Track 30.5 x 32	1 441	3 178	2
293-660020	Wheel Track 35.5 x 32	1 623	3 579	3

TRACK COMPONENTS & DESCRIPTIONS-SKIDDER

Olofsfors Wheel Track link systems

Track	Track mod.	Link Ø	Link hook
Wheel Track	193 -	22 mm (7/8")	45 x 15 mm (1 ^{3/4} " x 9/16")
Wheel Track	293 -	26 mm (1")	45 x 20 mm (1 ^{3/4} " x 13/16")

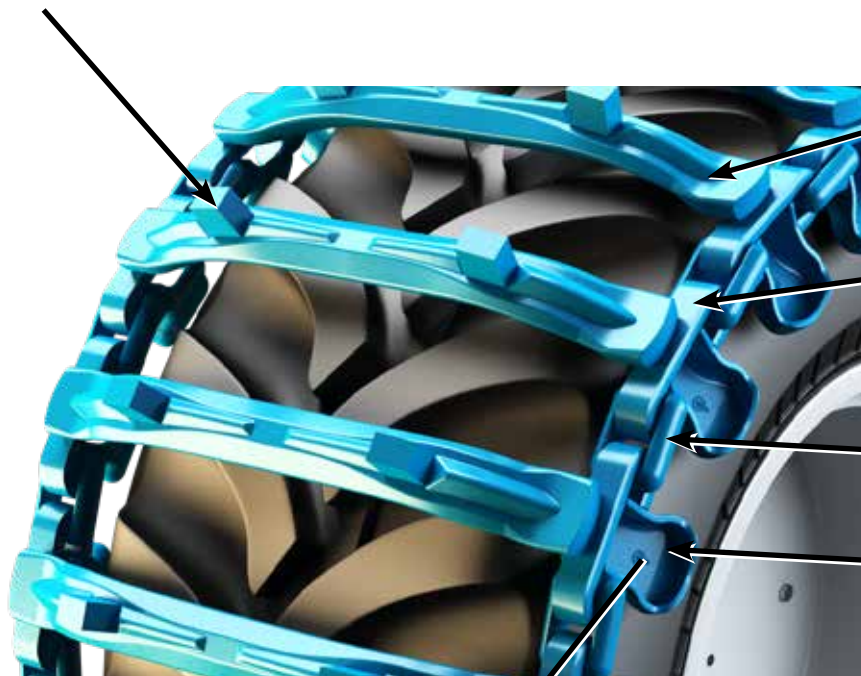


TRACK COMPONENTS & DESCRIPTIONS-CTL

Olofsfors Wheel Track link systems

Track	Track mod.	Link Ø	Link hook
Wheel Track CTL	093 -	22 mm (7/8")	45 x 15 mm (1 ^{3/4} " x 9/16")
Wheel Track CTL	293 -	26 mm (1")	45 x 20 mm (1 ^{3/4} " x 13/16")

Middle cleat/stud



Cross member

Link hook

Link

Side support

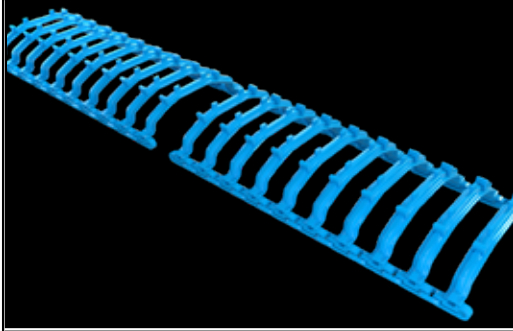

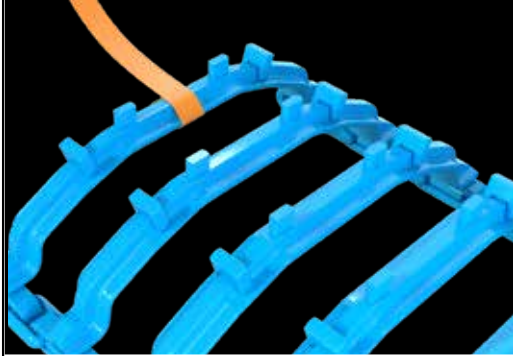

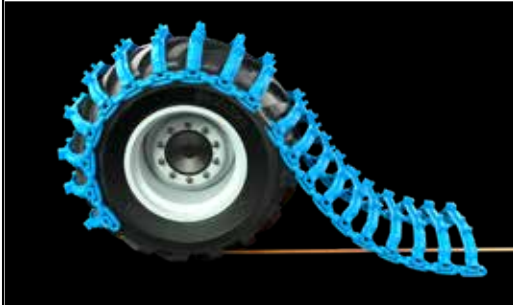


Serial number plate





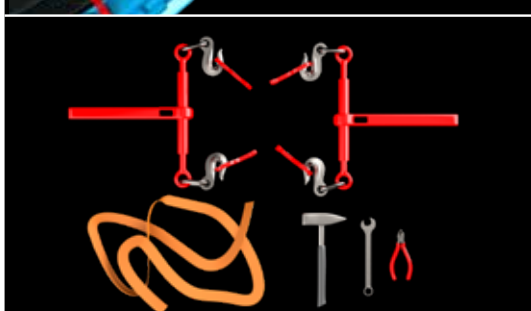


Track locks

MOUNTING INSTRUCTIONS

	<p>1 Layout two sections of the track with the top of the cross members facing up.</p>
	<p>2 Join the two sections using long track locks. Note! Make sure the back plate is installed on the inside.</p>
	<p>3 Connect a long chain to the centre of the cross member at the end with the track locks.</p>
	<p>4 Position the machine so that the wheel is lined up with the track and wrap the chain around the centre of the tire. Place the loose end of the chain on ground in front of the tire.</p>
	<p>5 Pull the track around the top of the wheel by driving over the chain.</p>

MOUNTING INSTRUCTIONS

	<p>6</p> <p>Using the track installation tool, tighten the track until a track lock can be installed. Make sure the track locks are installed from the outside with the backings against the tire.</p>
	<p>7</p> <p>Install the bolt so that the nut is on the inside of the link system. This will prevent damage to the thread during machine operation.</p>
	<p>8</p> <p>Keep the tracks as tight as possible on the tires. During the first days of operation, the paint and any rough surfaces in the link system will wear smooth requiring the tracks to be tightened again. Keep tires inflated to maximum allowable pressure as recommended by the manufacturer.</p>
	<p>9</p> <p>Three lengths of track locks are provided to ensure proper track tension. If the tires are worn, it may be necessary to remove a cross member.</p>
	<p>10</p> <p>Tools needed:</p> <ul style="list-style-type: none"> - Track installation tools - Long Chain - Hammer - 22mm wrench - 22mm socket/ratchet

OPERATING RECOMMENDATIONS

Operating Recommendations

To maximize the life of the Olofsfors Wheel track linkage system, **it is very important to keep the tracks as tight as possible on the tires and keep the tires inflated to maximum allowable inflation pressure.** Maximum inflation pressure and tight tracks will minimize the “flexing” of the linkage system. Maximum tire inflation pressure will also prevent tire “scuffing” and potential side wall damage.

Keeping the tracks as tight as possible, the linkage system will only wear under load. Some users let air out of the tire when installing and tightening, then re-inflate to achieve maximum tightness.

During the initial operating period, it is normal to have to tighten the wheel tracks frequently until the paint and any rough surfaces wear smoothly. All wheel tracks are manufactured to fit new tires and may be necessary to remove one or more cross members if being mounted on used/worn tires.

Differential locks are not required with good traction and should be disengaged under normal operating conditions. Only use differential locks if required to get the skidder through or out of difficult situations. Make sure operators are trained in the correct use of differential locks.

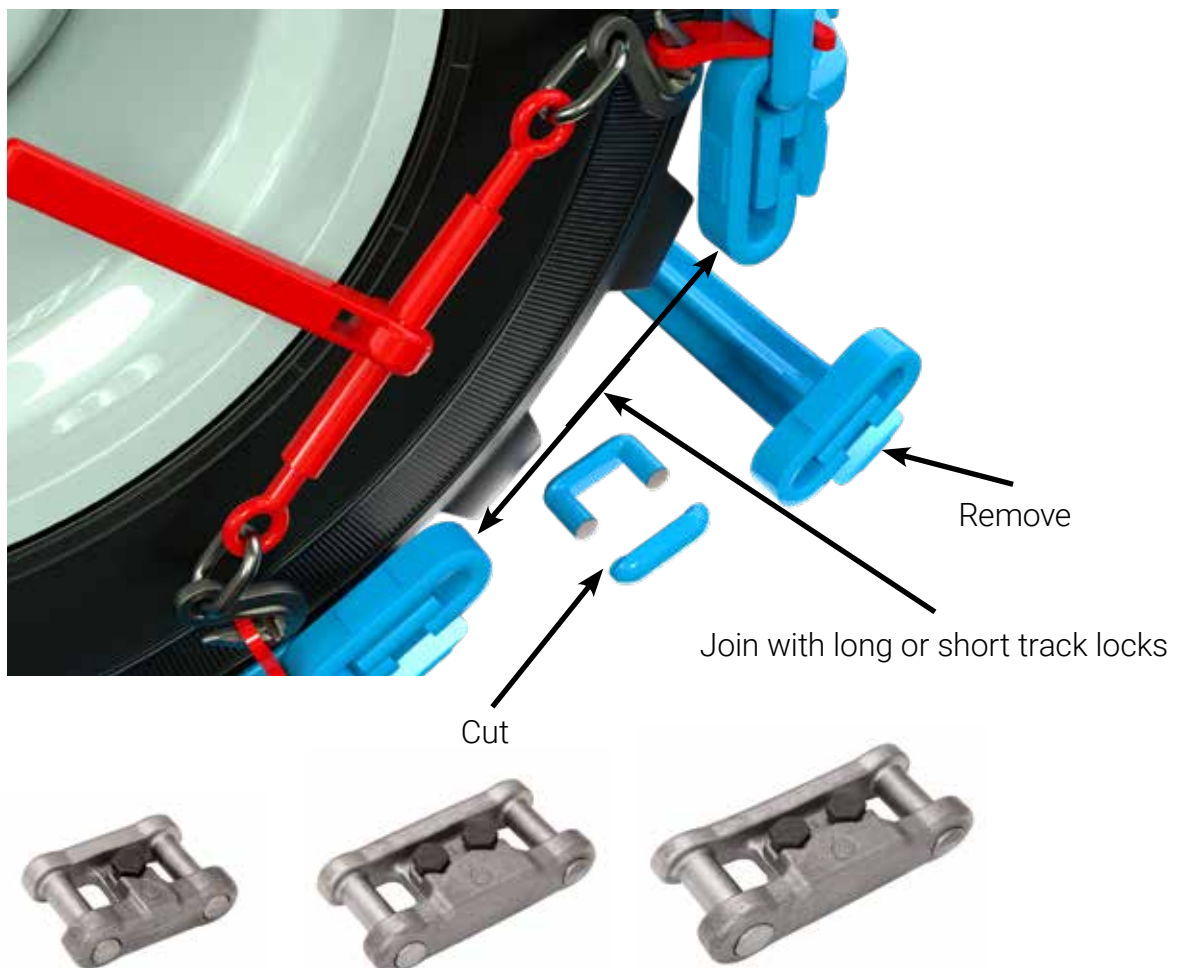
To get the most out of your machine and wheel tracks, Olofsfors recommends you install tracks on all four tires. It is especially important in demanding and difficult terrain. If equipped on one axle only in these conditions, you may experience tire wear. Wheel tracks work well on the front only or rear only if used in gentle conditions.

RECOMMENDED TRACK ADJUSTMENTS

Skidder Tracks

When it is time to remove a cross member to adjust your track tightness, Olofsfors recommends the following procedure be followed:

1. Instead of removing a cross member by taking out the track locks, it is suggested you cut off the solid links
2. To start, remove a set of track locks to unfasten the track
3. Roll the track off the machine
4. Cut off the solid links on both sides of the track to remove one cross member
5. Roll the track back on to the machine
6. Join the track back together with a long or short track lock
7. At all times there should be a total of 8 track locks per side
8. This will assure easier tensioning through out the life of the track

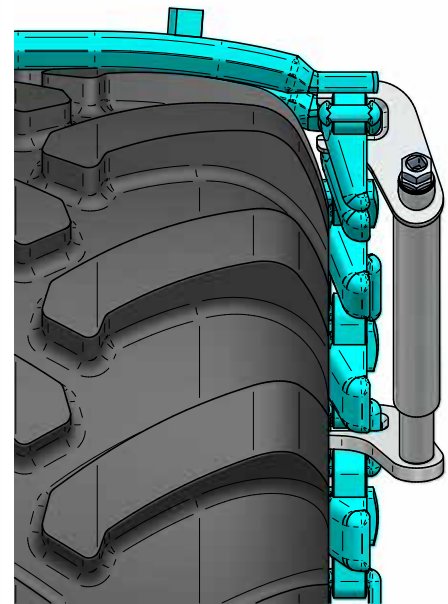
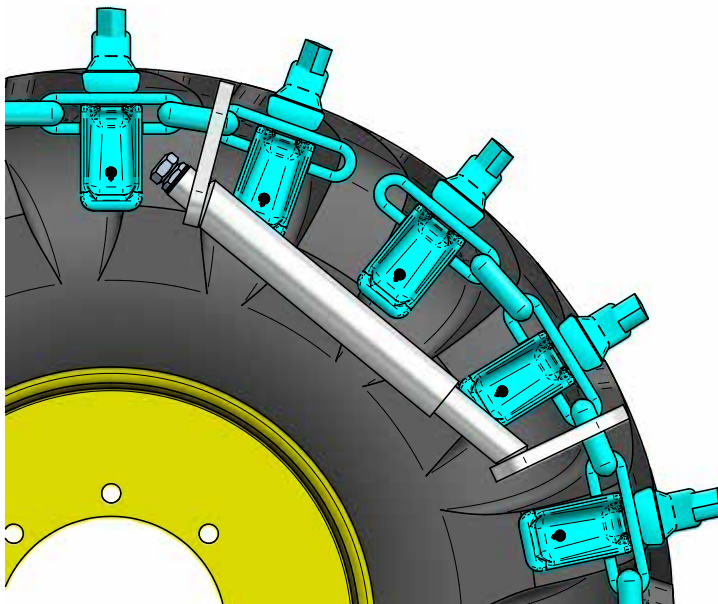


RECOMMENDED TRACK ADJUSTMENTS

CTL Tracks

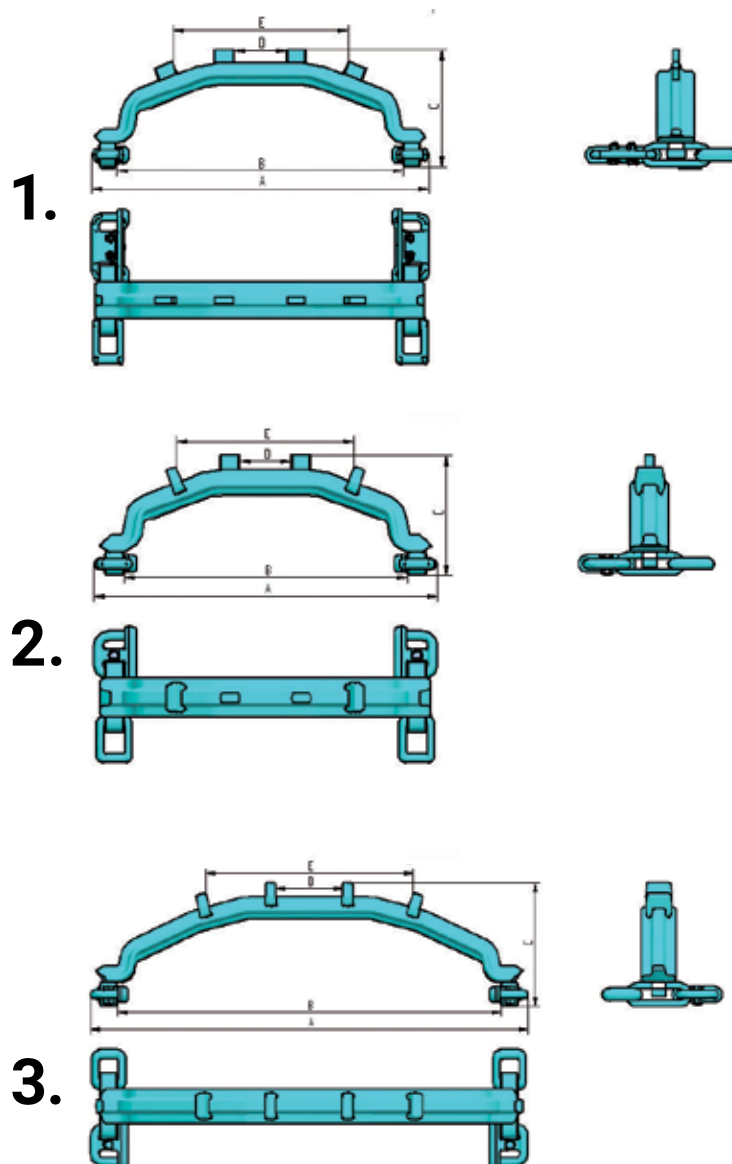
When it is time to remove a cross member to adjust your track tightness, Olofsfors recommends the following procedure be followed:

1. Instead of removing a cross member by taking out the track locks, it is suggested you cut off the solid links
2. To start, remove a set of track locks to unfasten the track
3. Roll the track off the machine
4. Cut off the solid links on both sides of the track to remove one cross member
5. Roll the track back on to the machine
6. Join the track back together with a long or short track lock
7. At all times there should be a total of 8 track locks per side
8. This will assure easier tensioning through out the life of the track



TRACK DIMENSIONS

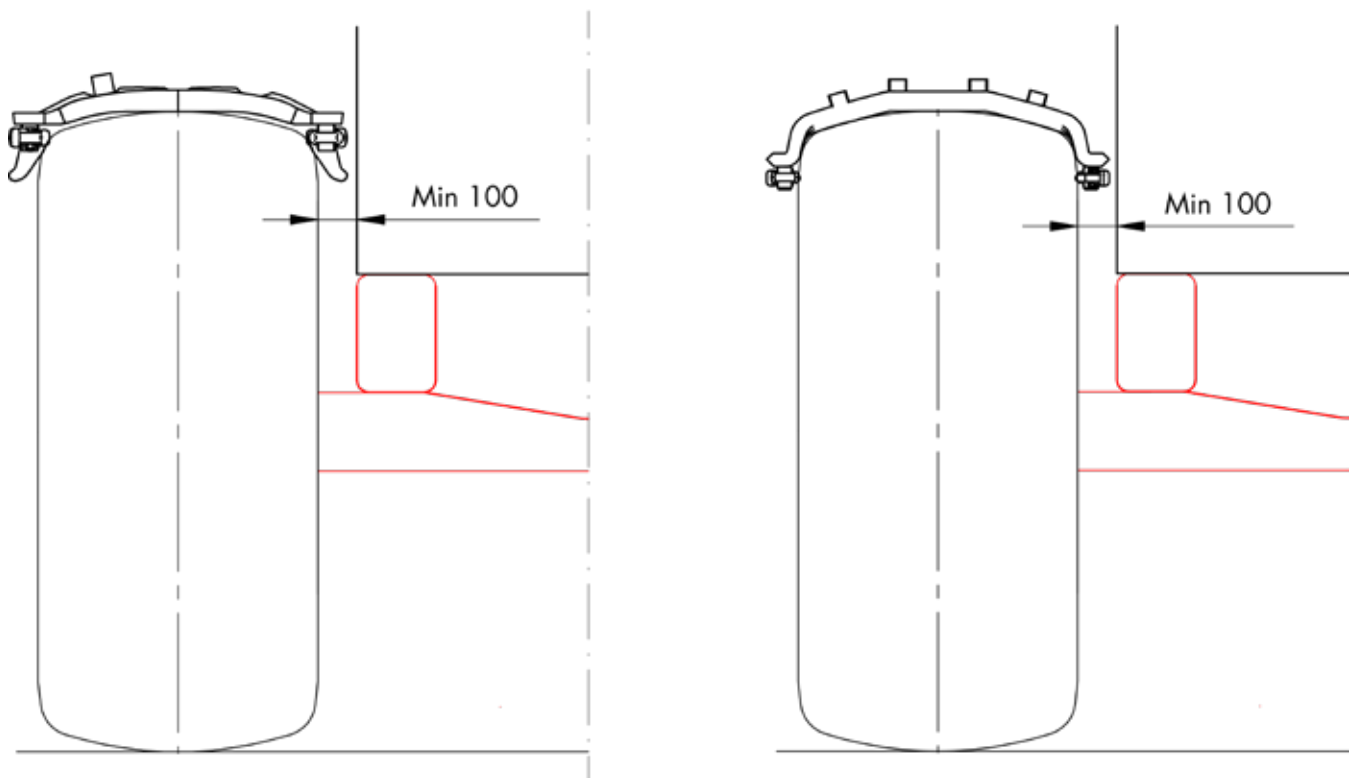
Tire size	Part no.	Clea-ting	Metric					Imperial				
			A ±10mm	B ±3mm	C ±5mm	D ±5mm	E ±5mm	A ±3/8"	B ±1/8"	C ±3/16"	D ±3/16"	E ±3/16"
24.5-32	293-626040	2	852	720	304	140	410	33.5	28.3	12.0	5.51	16.1
28 L - 26	193-628020	2	960	820	290	160	470	37.8	32.3	11.4	6.3	18.5
28L-26	293-628020	2	960	820	300	160	440	37.8	32.3	11.8	6.3	17.3
30.5 - 32	293-627020	2	1000	860	318	200	510	39.4	33.4	12.5	7.9	20.1
35.5 - 32	293-660020	3	1140	1000	325	200	540	44.9	39.4	12.8	7.9	21.3



MACHINE CLEARANCE

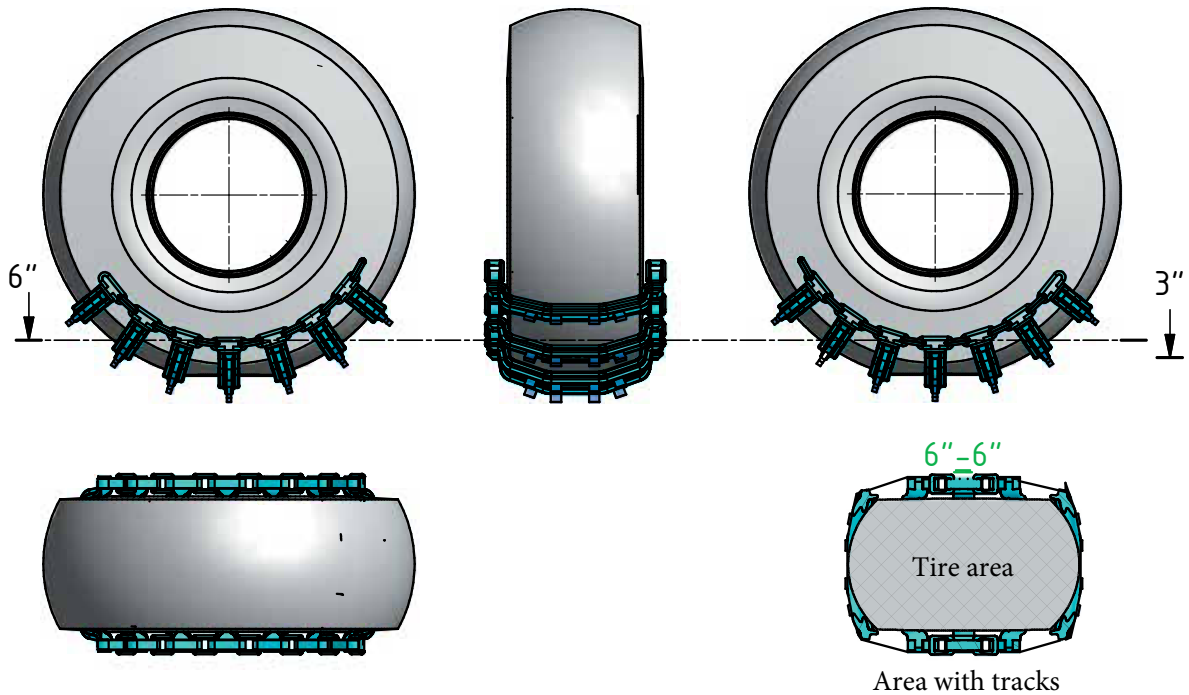
Wheel tracks require 4-5" (100-125 mm) of clearance from the machine to the outside of the tire. Generally fixed axle configurations have no clearance issues; however machines that have oscillating axles must check the clearance at full oscillation to prevent possible damage to machine enclosures or other components.

If the machine has narrow axle settings or has fenders/rear bumpers installed, modifications may need to be made on the machine.



Refer to the Track Dimensions (page 41) for the applicable measurements.

GROUND CONTACT COMPARISON SKIDDER WT



Contact Area Comparison 6" Penetration

Tire size	Whitout Tracks		With Tracks		Difference
	sq.in	cm ²	sq.in	cm ²	%
23.1-26	907	5852	1227	7918	35.3%
24.5-32	1051	6780	1467	9467	39.6%
28L -26	1135	7326	1520	9807	25.3%
30.5 - 32	1382	8920	1781	11495	22.4%
35.5 - 32	1644	10608	2092	13500	27.3%

QUALITY AND KNOWLEDGE

Olofsfors was founded in 1762, and since its conception, for more than 250 years ago, it has been producing world renowned high quality steel products. To this day, production is still at the same place located in Northern Sweden. Three families have been involved since the beginning of our dynamic company: Jennings, Pauli and Wikstrom. The proud Wikstrom family have been owners since 1864. From 1762 up until the late 19th century, Olofsfors has produced steel with its own mill. From the 19th century Olofsfors has been focused on the development of special and hardened steel products. This focus has produced the absolute best and highest quality of wear resistant steel products in the world since 1970 resulting in Olofsfors becoming a contracted supplier to many well known Large Equipment Manufacturers. The Olofsfors business model still holds true today; produce high quality steel products through a focused mixture of knowlege, and durability and value adding to our partners products.

