

TRACTION CHAINS

FOREST | TRANSPORT | CONSTRUCTION



GUIDE

CHAINS FOR YOUR MACHINE

Which chain suits my machine? We get asked that question quite often and now we're trying to answer it with this brochure. But there are many factors that govern the choice of chain: type of machine, weight, tyre size, type of driving and more. We'll try to figure this out in the next four pages. After that follows a number of pages where we give a technical description of our range of NordChain chains.

Read our recommendations and compare with your own experiences and you'll be pointed in the direction of a successful choice.

If you have any questions that you can't find the answers to in this brochure, you are of course welcome to discuss it with your retailer or phone or email us at Gunnebo. You'll find our contact details on the back page.

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FORWARDERS AND HARVESTERS

SEE PRODUCTS
ON PAGES 8-13
(PARTLY 14)

4-8 TONNES

9-13 mm chains are suitable for machines with 22.5 inch tyres or smaller. **Piggelin Flex 9** and **11** in **HD version** (welded links in side chain) are suitable chains for “small” forest machinery. If there is enough room between the tyre and frame then **13 mm chains** are an alternative if extra strong chains are required.

9-11 TONNES

These machines usually have 600 and 700-22.5 tyres. **13 mm chains** are normally the best alternative here. **16 mm chains** are an option for 6WD machines with 26.5 inch tyres or bigger on a single axle. **Piggelin Flex 11HD** are a popular choice for harvesters working out in the stands. However, in very rocky terrain, **Multistud/Superstud 130TS** are preferred as they protect tyres better against damage.

12-15 TONNES

Machines that nowadays usually have 24.5 inch tyres or bigger. Both **13** and **16 mm chains** are suitable here. 16 mm chains are preferred if it is often wet and muddy as they provide better grip in such conditions. **Megastud 160TS** are a good choice on single axles of 6WD harvesters – outstanding grip and excellent tyre protection.

16-20 TONNES

16 mm chains are the normal choice for these large machines, which in practice means **Versastud, Multistud/Superstud 160TS** or **Megastud 160TS**.

SCARIFIERS

Scarifiers are demanding machines, they do not choose their way to go and are rolling many kilometres in a working day. A compact chain pattern with lots of grip where protection is demanded. New **Versastud 160** is the ultimate chain for scarifiers together with **Megastud 160TS** and **Multistud 160TS**.

ROCKY AND HILLY TERRAIN

In very rocky and hilly terrain **Multistud** and **Megastud** are the best choice. The powerful studs on these chains protect the chain links and thereby extend the service life of the chain. They should also be **TS chains**, that is to say with tight side pattern to protect the sides of the tyre against stones and stumps.

EASY TO FIT AND REMOVE

If the chains need to be fitted and removed often, they need to be flexible. **Skogsgrip 130** and **160** are such chains. Flexible chains that can be mounted without tools.

SKIDDERS

To large and middle-size skidders **Megastud 160** and **190** is the perfect chain due to extremely good grip. It also has an opened pattern which suits skidders because they often work in muddy and sticky conditions. Good choice is also **Superstud 160** or, if the chains need to be fitted and removed often, **Skogsgrip 160**. In less demanding terrain **Superstud 130** and **Skogsgrip 130** is right. To small skidders **Piggelin Flex 11** is a very good choice.



TRACTORS

SEE PRODUCTS
ON PAGES 14-15
(PARTLY 10-13)

For those who use their tractor for a little of everything (carrying wood and windfalls, clearing snow and driving around the farm), **Piggelin Flex 9** or the **unstuded SR-Flex 9** are a good choice. **Piggelin Flex 11** are most suitable for working exclusively in the forest. For more or less full time operation in the forest, **Superstud 130TS** is the optimum chain, provided there is sufficient space around the tyre.

If the chains are used only for transport and clearing snow from roads, a "light chain" is to prefer. It has a long life expectancy despite high speeds and nearly vibration-free running. These chains are also very flexible and easy to mount and remove. **Guntrac 5** is the extreme transport chain, **Guntrac 6.5** is more all-round.



TRUCKS

SEE PRODUCTS
ON PAGES 16-17

The alternatives for trucks are 5 mm light chains and 8 mm chains, with or without studs. **Grip SR5** is the best choice for trucks operating on good roads. It is a light chain that can withstand high speeds and is very flexible for easy fitting and removing. They are also low weight. For trucks driving on more demanding roads in rural areas, an 8 mm chain is a good choice and preferably a chain with a Z-pattern such as the

unstuded Grip SR Z8 or the **studded Grip +Z8**. These chains are also available for dual wheels. For more demanding needs, there are the **U-studded Grip Z8B** and **unstuded Grip SR A8**. These are chains that are suitable for off-road vehicles, such as terrain cranes. Steering chains should have a Z pattern or similar, in other words **Grip SR5**, **Grip SR Z8** or **Grip +Z8**.



CONSTRUCTION MACHINERY

SEE PRODUCTS
ON PAGES 10-18

1-3 TONNES

These machines often have small diameter wheels and usually confined spaces between tyres and frame/mudguards. In this case, a 5 mm square patterned chain with wear pads, such as **Loader SR5**, would be a good choice.

3-6 TONNES

8-9 mm thick chains are suitable for these machines. In practice, this means 8 mm truck chains or 9 mm tractor chains that are appropriate. For example, a 5 tonne loader with 365/80-20 in an urban environment is best equipped with **Grip SR Z8** truck chains or in tough terrain with 9 mm **SR Flex 9** tractor chains.

6 TONNES -

SR Flex 9 are standard chains also for large and heavy machinery weighing 20 tonnes or more. But both weaker and stronger chains can also come into question. On a loader clearing snow from roads at high speed, **Gunntrac 6.5** are suitable chains and for a machine on tricky terrain, **Piggelin Flex 11HD** is a good alternative. If it's really difficult, **13 or 16 mm forest chains** are the chain of choice. **Unstudded 16 or 19 mm chains** are best on very large machinery operating in quarries.

EXCAVATORS

Chains on a wheel excavator make a big difference when it's slippery because of ice or smeared mud.

Unstudded SR Flex 9 or **studded Piggelin Flex 9** are suitable for wide single wheels. These chains are also suitable for close-fitting dual wheels. The chain will then cover the dual wheel as if it were a wide single wheel. An alternative chain for dual wheels is an asymmetric single chain on the outer wheel.

FORKLIFTS

Fork SR5 is a chain for small to medium size counter-balance forklifts. It has vibration free running thanks to its Z pattern. For larger wheel dimensions, 8 mm chains are also suitable, for example **Grip SR Z8**.

13 mm chains are suitable for large timber yard forklifts and timber trucks. Flexible and moderately aggressive alternatives for these machines are **unstudded Skogsgrip 130** and **Superstud 130**.

Questions? Naturally, you're welcome to have a discussion with your dealer or to call or mail us in Gunnebo. You'll find our contact details on the back page.

DIFFERENCE

Characteristics that make a difference

Our well thought-out solutions for giving the best grip and protection are appreciated daily the world over. Properties and solutions that make a difference.



CONNECT TOGETHER

The ends of the Megastud, Multistud, Superstud and Supergrip chains are connected together with our plug couplings. This join can normally be subsequently "shortened" in several steps if you need to tension the chain.



BUTT WELDED U-STUDS

Butt welded U-studs are a characteristic of NordChain. These studs have a wide contact area with the ground, which increases grip.



RING FOR STABILITY

Most of our forest chains have a diamond pattern made up of three links with heavy duty rings connecting the chains together. As the rings are always one size larger than the chain (19 mm ring for 16 mm chain and 16 mm ring for 13 mm chain), the "3-link" will be particularly stable against twisting, meaning the studs do not "lean".



TIGHT SIDES FOR PROTECTION

All our TS chains have tight sides to give extra protection to the shoulders of the tyre. The TS design is suitable for all machines working on stony terrain. The left tire has a tight sided chain and the right handed tire has an open sided chain.

OUR TRACTION CHAINS SUPPLIED IN BLUE OR GREY COLOUR





SQUARE LINK CHAIN

Unstudded tractor and truck chains are made of SR chain, which has an angular external profile. This angular profile enables a good grip despite the lack of studs.



MEGASTUD

Megastud chains have double welded U-studs to give extreme grip.



EXCHANGEABLE STUDS

The new Versachain has exchangeable and strong forged stud links. Excellent grip and very good length of life.

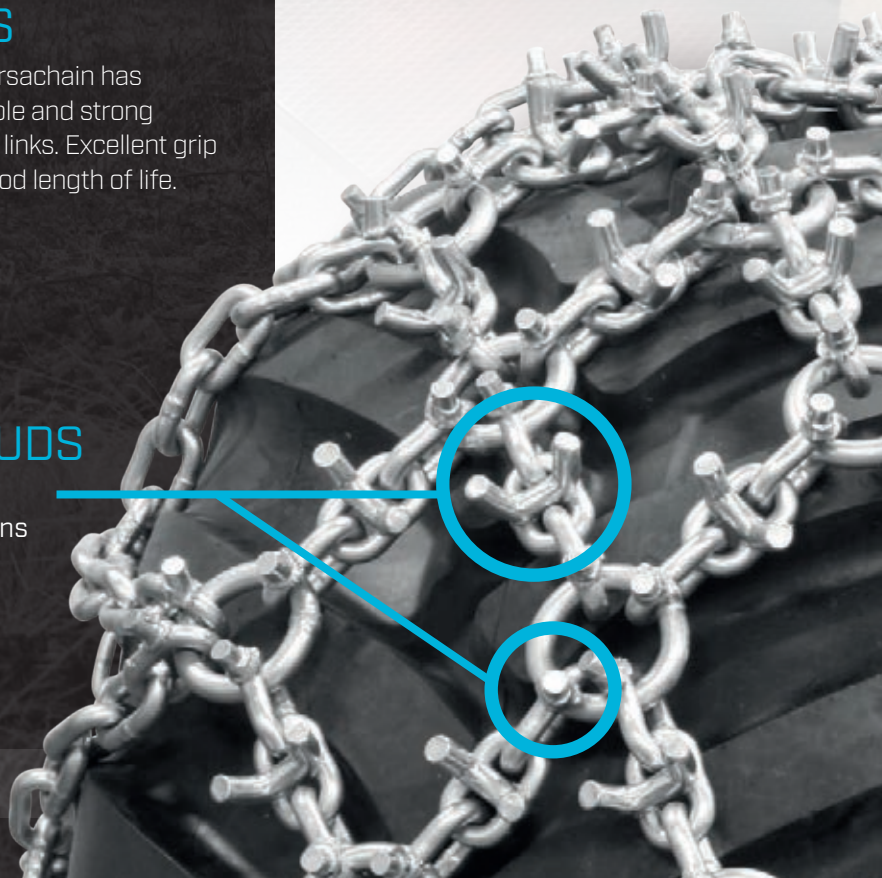
U-STUDS AND STANDING STUDS

Multistud chains have both standing and U-studs. Together with Megastud 160TS, the Multistud chains are especially suited for stony terrain.



CASE HARDENED

All chains at NordChain are case hardened. This means that the chains are heated to approximately 900 degrees for several hours, at the same time as additional carbon atoms are added. This makes the chains extremely hard and durable.



VERSASTUD

Uniquely exchangeable studs

Versastud is a unique chain with exchangeable studs that can form different patterns, it is a chain for heavy machinery with high demands on service life.

EXCHANGEABLE STUDS

This unique, exchangeable, large, forged stud connects together wear chains while it also gives the chain extreme grip. Thanks to its unique design, the stud is simple to use for making a number of different patterns.



PARALLEL AND SYMMETRIC are two versions of Versastud that both have patterns that are largely parallel with the rotational direction of the wheel. Parallel is the tightest Versastud. In this way, it can protect the tyre very well from damage and give extremely good grip. Symmetric is also a well-studded chain but somewhat more open than parallel.

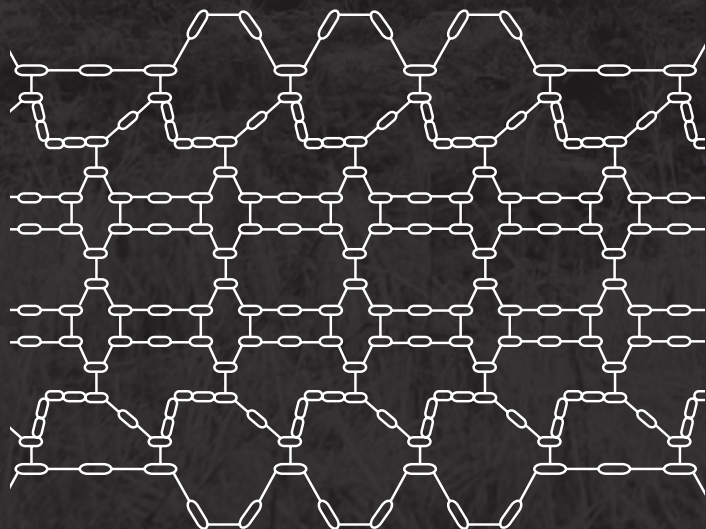


Sturdy forged stud couplers

16 mm cross chain

13 mm side chain

9 mm tension chain



**VERSASTUD
SYMMETRIC**

**VERSASTUD
PARALLEL**

MEGASTUD

Extreme grip and best protection

Megastud is our top of the range chain, quite simply the best grip and the best protection! A chain for large harvesters, forwarders and scarifiers.

MEGASTUD 160TS

Together with a large number of "normal" butt welded U-studs, the dual, 19 mm, butt welded U-studs give the chain an extremely good grip. While the close-knit studs, in combination with the tight pattern both on the wear surface and along the sides of the tyre, provide very good protection from damage from stones and stumps. Tension chain are standard.

Case hardened steel

19 mm U-stud

16 mm chain

Double welded U-stud



MEGASTUD 160

Megastud 160 is a variant of the Megastud chain with larger diamonds and open sides. This is a chain which is very popular for Skidders in Central Europe. Megastud 160, in spite of the open design, has a good grip thanks to a large number of both single and double U-studs. The open design helps to keep the chain clean, also in extremely muddy and slippery conditions. Megastud 160 is available in a single diamond version, independent of the tyre width, or with a wider pattern (1.5 or 2-diamond). Megastud 160 also very suitable for forwarders and harvesters in cases where there is a need for very good grip but less need for tyre protection.

SUPERSTUD

Grip, protection and quality

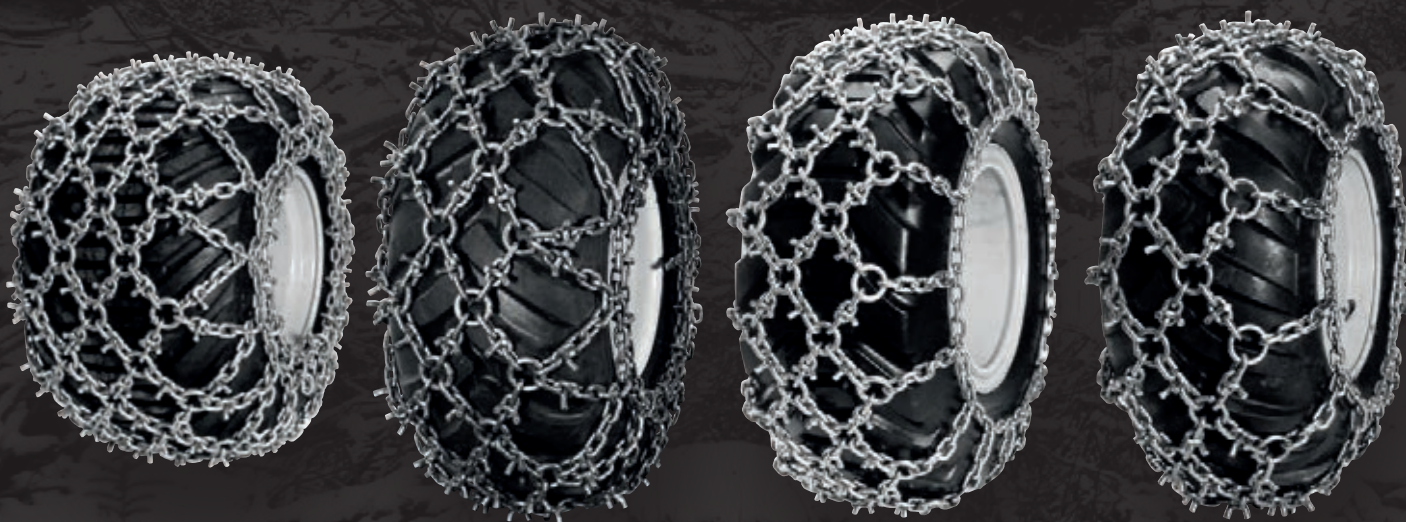
Superstud is our classic original chain. There is probably no other chain model in Europe that has carried so much timber as Superstud through the years. An all-round chain that is always right.



16 MM 16 mm chain | 19 mm stud | 19 mm ring



13 MM 13 mm chain | 16 mm stud | 16 mm ring



SUPERSTUD 130TS AND 160TS

Firm grip, long life and extra protection for tyre walls.
TS = tight side and tension chain.

SUPERSTUD 130 AND 160

Grip firmly, while being flexible chains, thanks to their lower weight.

MULTISTUD

New favourite in the forest

Multistud has the advantages of the Superstud and it is the ultimate chain for stony ground. Multistud has both U-studs and standing studs, giving it an excellent grip and long life.



16 MM 16 mm chain | 19 mm U-stud
19 mm standing stud | 19 mm ring



13 MM 13 mm chain | 16 mm U-stud
14 mm standing stud | 16 mm ring

MULTISTUD 130TS AND 160TS

The best choice on rocky ground as the tight side protects the tyre sides from damage. TS = tight side and tension chain.

Multistud 130/160, consequently without tight sides, an alternative for those who often fit and remove chains.



SKOGRIP

Excellent flexibility

Maximal self-cleaning chains that are extremely flexible when mounting and removing. Skogsgrip has one “diamond” irrespective of tyre size.

EASY ON AND EASY OFF

Skogsgrip is easy to fit on the tyre. Where the ends meet on the tyre, the chain is connected together by pulling the end links through the rings of the other end and fastening on the side chain with shackles.



SKOGRIP 130

Skogsgrip 130 is manufactured from 13 mm chain link with 16 mm U-studs. It has relatively rectangular diamonds adapted to the width of the tyre.



SKOGRIP 160

Skogsgrip 160 is made of 16 mm chain links with 19 mm U-studs and rings. Skogsgrip 160 has diagonal diamonds with rings.

SUPERGRIP

Unstudded chains

Unstudded chains are the choice for those who want to drive on sensitive roads with chains on. Principally all studded NordChains are also available in unstudded versions.

Supergrip 130TS and Supergrip 160TS are our most popular unstudded chains. Chains with good grip and tight sides to prevent damage being caused to the tyre by stumps and stones. Life expectancy is comparable to that of a studded chain because the unstudded chain is reversible. The tension chain is standard.

UNSTUDED SKOGSGRIP 130/160 Skogsgrip 130 and 160 are also available without studs. A chain may be appropriate for example for a wood chipper that needs grip, partly runs on the road and wants a chain that is very easy to put on and take off. Unstudded Skogsgrip are common on large timber trucks in sawmills.

SUPERGRIP 130/160 Supergrip without TS (that is to say without tight sides and tension link) is an alternative for those who want a low-weight chain.



SUPERGRIP 130TS

Supergrip 130TS has 13 mm cross chain, 16 mm rings, 11 mm side chain and 9 mm tension chain.



SUPERGRIP 160TS

Supergrip 160TS has 16 mm cross chain, 19 mm rings, 13 mm side chain and 9 mm tension chain.

PIGGELIN FLEX SR FLEX

Chains for tractors,
construction equipment
and forestry machines.



PIGGELIN FLEX 11HD

Piggelin Flex 11 for forestry machines (harvesters and forwarders) should be in the HD version. The coupling links in the sides of HD chains are replaced with welded links.



PIGGELIN FLEX 9

Piggelin Flex 9 is the best option if the tractor or machine must be used in both harsh conditions and high speed on the roads. Piggelin Flex 9 is also suitable for small wheel dimensions. Piggelin Flex 9 has 9 mm twisted chain with double, standing 10 mm studs on each link. The side chain is 8 mm in diameter.



PIGGELIN FLEX 11

Piggelin Flex 11 is a strong forest chain and the most widely sold chain for tractors in Europe. This is also a popular chain for construction equipment driven in tough conditions. Likewise, for small and medium-sized forest machines. For forest machines we recommend the HD version, that is to say with welded links in the side chain. Piggelin Flex 11 has 11 mm twisted links with double, standing 11 mm studs on each link. The side chain is 9 mm in diameter.



SR-FLEX 9

SR Flex 9 is an unstudded all-round chain. A very popular choice for construction equipment with a need for a strong chain without studs. This chain is also suitable for tractors driving in the forest. SR Flex 9 has 9 mm square links that give excellent grip thanks to their shape. The side chain is 9 mm in diameter. Long life thanks to reversible chain.

GUNNTRAC 5

GUNNTRAC 6.5

Lightweight chains for transports and snow clearing. Withstands high speed.

The Guntrac chains are manufactured from 5 and 6.5 mm square links that have standing wear pads. Thanks to the low weight of the chain, it can withstand high speeds up to 30 km/h, and has near vibration-free running. Guntrac is also extremely easy to put on and take off.



GUNNTRAC 5

Guntrac 5 is the extreme transport chain. Manufactured from 5 mm square links with 5 mm wear pads and 6 mm side chain.



GUNNTRAC 6.5

Guntrac 6.5 is a more all-round chain. Very good for transports but also snow removal. The chain is manufactured from 6.5 mm square links with 6.5 mm wear pads and 6 mm side chain.

TRUCKS AND BUSES

Buses and trucks carry high value contents. Difficult winter surfaces present major risks but snow chains increases safety and driveability greatly.

Our Grip SR5, Grip SR-Z8 and Grip +Z8 are the most popular snow chain on trucks and buses. Chains good for steering as well as driving. Grip SR-A8 is primarily designed for off-road vehicles. Mesh chains such as SR-A8 and Z-chains are very strong in their design as traction and braking forces are distributed over the entire chain.



GRIP SR-A8

Grip SR-A8 is suitable for both demanding off-road and on-road driving. The 8 mm, D-shaped SR-link provides excellent grip. The chain's mesh pattern gives high stability and vibration-free running. Grip SR-A8 is reversible and equipped with tension chain.

GRIP SR-Z8

Grip SR-Z8 has a Z pattern, giving secure grip for both drive and steering wheels plus vibration-free running. The cross chain is 8 mm. D-shaped SR chain giving effective grip. Reversible chain.

GRIP +Z8

Grip +Z8 is a studded, Z-pattern chain suitable for both steering and driving. Wear chain comprises 8 mm round, twisted links. Two standing studs per link give an excellent grip, both in the direction of travel and laterally.

GRIP SR5

Grip SR5 is an awesome, flexible snow chain with low weight. Suitable chains anti-slip for buses and trucks on slippery asphalt roads. Good grip thanks to cross chain, which comprises 5 mm, D-shaped SR chain, having grip steels on lying links. Grip SR5 is easily tensioned on the tyre with a cam lock.

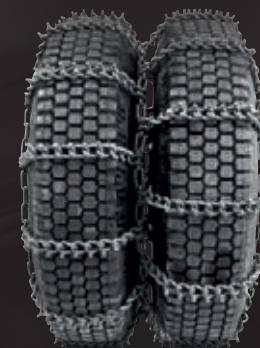


THREE DIFFERENT CROSS CHAINS

NordChain's range of truck chains are manufactured from three different type of cross chains. Studded, twisted 8 mm SV chains, where each link has two standing studs plus unstudded square linked SR chains in 8 and 5 mm. The 5 mm chain has wear pads.



GRIP SR-Z8 TWIN



GRIP +8 TWIN



GRIP +Z8 TWIN



GRIP SR-Z8 HYBRID TWIN



GRIP +8

Grip +8 is a traditional ladder type studded snow chain. The cross chain comprises 8 mm round, twisted links with two standing studs per link.



GRIP +8T

Grip +8T is a traditional ladder type studded snow chain with a maximum number of cross chains, which gives less vibration and maximum grip. The cross chain comprises 8 mm round, twisted links with two standing studs per link.



GRIP SR8

A traditional ladder type unstudded snow chain made of 8 mm square linked SR chain, giving good grip. Reversible chain.

GRIP TWIN

Twin chains can be a requirement when driving under demanding conditions. Twin chains are available with varying patterns and with or without studs.

CHAINS FOR SMALLER MACHINES

Small and medium-sized counterbalanced forklifts, mini loaders and ATVs for professional use need professional chains. The three chains listed below are available in dimensions to suit most small machines. Loader SR5 and ATV 7 Pro are suitable chains for forklifts constantly being driven outside under difficult conditions. For an ATV that is mostly driven on roads, Fork SR5 or Loader SR5 are the best option.

FORK SR5

Fork SR5 is intended primarily for counterbalanced forklifts. The chain comprises 5 mm unstudded square chain, which forms a zigzag pattern over the tyre. Thanks to this pattern, the wheels will always roll on part of the chain, giving good grip and vibration-free running. The chain is reversible and has 6 mm side chain.



LOADER SR5

Loader SR5 is intended primarily for small loaders and similar machines. The chain is single diamond and manufactured from 5 mm square-link chain with wear pads on the lying links. The chain pattern in combination with the additional wear pads gives very good grip and long life.



ATV 7 PRO

NordChain ATV is a chain for those with high demands on grip, stability and long service life. A professional chain for those working intensely in the forest with an ATV, for rescue services, defence and similar activities with high demands. ATV 7 Pro is manufactured from 7 mm twisted chain with double, standing 8 mm square studs on each link.



CHAIN TABLE

CHAIN	CROSS CHAIN mm	U-STUD mm	STANDING STUD mm	RING mm	SIDE CHAIN mm	TENSION CHAIN mm	PLUG COUPLING CROSS CHAIN	CONNECTING LINK CROSS CHAIN	SHACKLE FOR TENTION CHAIN LEVER	SHACKLE INSIDE	SHACKLE OUTSIDE	LEVER TENSION CHAIN
MEGASTUD 160TS	16	19		19	13	8	No. 16		No. 8	No. 14	No. 14	No. 19
SUPERSTUD 160TS	16	19		19	13	8	No. 16		No. 8	No. 14	No. 14	No. 19
MULTISTUD 160TS	16	19	19	19	13	8	No. 16		No. 8	No. 14	No. 14	No. 19
SUPERSTUD 160	16	19		19	13		No. 16			No. 14	No. 14	
Superstud 190	19	19		19	16		No. 16			No. 16	No. 16	
SUPERSTUD 130TS	13	16		16	11	8	No. 13		No. 8	No. 12	No. 12	No.19
MULTISTUD 130TS	13	16	14	16	11	8	No. 13		No. 8	No. 12	No. 12	No. 19
SUPERSTUD 130	13	16		16	11		No. 13			No. 12	No. 12	
SUPERGRIP 160TS	16			19	13	8	No. 16		No. 8	No. 14	No. 14	No. 19
SUPERGRIP 130TS	13			16	11	8	No. 13		No. 8	No. 12	No. 12	No. 19
SKOGSGRIP 160	16	19		19	13		No. 16			No. 14	No. 14	
SKOGSGRIP 130	13	16			11		No. 13			No. 12	No. 12	
VERSASTUD	16	BK		BK	13	8	No. 16		No. 8	No. 14	No. 14	No. 19

CHAIN	CROSS CHAIN mm	STUD mm		SIDE CHAIN mm	TENSION CHAIN mm	PLUG COUPLING CROSS CHAIN	CONNECTING LINK CROSS CHAIN	LINK FOR LEVER	LEVER/HOOK INSIDE	LEVER/HOOK OUTSIDE	LEVER TENSION CHAIN
PIGGELIN FLEX 11	SV 11	11		9		No. 10	No. 13		Lever 10	Lever 10	
PIGGELIN FLEX 9	SV 9	10		8		No. 8	No. 10		Lever 8	Lever 8	
SR FLEX 9	SR 9			8		No. 8	No. 10		Lever 8	Lever 8	
GUNNTRAC 5	SR5	5#		6		No. 5	No. 5**	7 mm	Lever 14	Lever 14	
GUNNTRAC 6.5	SR6.5	6,5#		6		No. 6	No. 8	Shackle 8	Lever 14	Lever 14	
GRIP SR-A8	SR 8			7	6	No. 8	No. 8*	7 mm	Hook 17	Hook 17	Lever 14
GRIP SR 5	SR 5			6		No. 5		7 mm	Hook 17	Lever 14	
GRIP SR Z8	SR 8			7		No. 8	No. 8*	7 mm	Hook 17	Lever 18	
GRIP +Z8	SV 8	9		8		No. 8	No. 9	8 mm	Hook 17	Lever 20	
GRIP +8 / GRIP +8T	SV 8	9		8		No. 8		8 mm	Hook 17	Lever 20	
GRIP SR8	SR 8			7		No. 8		7 mm	Hook 17,19	Lever 18	
GRIP +8 TWIN	SV 8	9		8		No. 8		8 mm	Hook 17	Lever 20	
GRIP +Z8 TWIN	SV 8	9		8		No. 9	No. 9	8 mm	Hook 17	Lever 20	
GRIP SR-Z8 TWIN	SR 8			8		No. 8	No. 8*, 9	7 mm	Hook 17	Lever 20	
ATV 7 PRO	SV 7	7#		6		No. 6	No. 8	Shackle 6	Hook 17	Lever 12	
FORK SR5	SR 5			6		No. 5		7 mm	Hook 17	Lever 14	
LOADER SR5	SR 5	5#		6		No. 5	No. 5*	Shackle 6	Hook 17	Lever 12	

* T-COUPLING | ** T-COUPLING OR PIN COUPLING | # SQUARE MATERIAL | BK STUD COUPLING

SPARES AND TOOLS

Easy to add new parts

CHAIN LOCKS



LEVER 19 **OL93550810**



LEVER 14 **OL93550614**

LEVER 18 **OL93550014**

LEVER 20 **OL93550814**



HOOK 17 **OL93550000**

HOOK 19 **OL851843**



LEVER 8 RIGHT **OL93550006**

LEVER 8 LEFT **OL93550007**

LEVER 10 RIGHT **OL93550010**

LEVER 10 LEFT **OL93550011**

PLUG COUPLING



PLUG COUPLING 5 **OL622858**

PLUG COUPLING 6 **OL325375**

PLUG COUPLING 8 **OL325472**

PLUG COUPLING 10 **OL325480**

PLUG COUPLING 13 **OL325579**

PLUG COUPLING 16 **OL620610**

T-COUPLING



T-COUPLING 5 **A481050**

T-COUPLING 7 **OL851782**

T-COUPLING 8 **OL851729**

T-COUPLING 10 **OL851274**

CONNECTING LINK



CONNECTING LINK 9

OL93551209

CONNECTING LINK 10

OL93551210

CONNECTING LINK 13

OL93551213

COUPLING HOOK



COUPLING HOOK 6 **OL93552060**

COUPLING HOOK 8 **OL93552081**

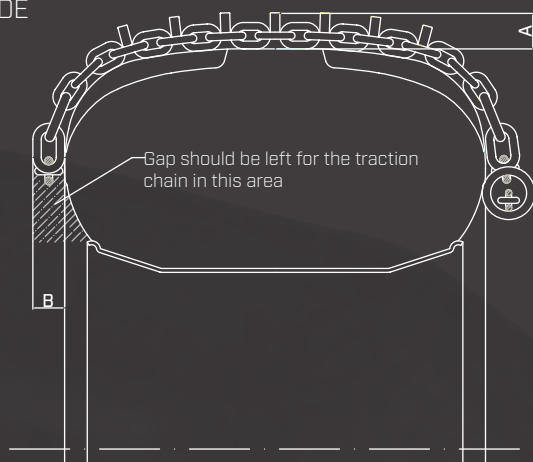
COUPLING HOOK 9 **OL93552090**

COUPLING HOOK 10 **OL93552100**

COUPLING HOOK 11 **OL93552110**

Dimensions of traction chains

INSIDE



OUTSIDE

TYPE	A (mm)	B (mm)
Megastud 160TS	83	57
Superstud 160/160TS	83	57
Superstud 130/130TS	65	50
Skogsgrip 130	65	50
Skogsgrip 160	83	57
Supergrip 130TS	44	50
Supergrip 160TS	54	57
Piggelin Flex 11	40	50
Piggelin Flex 9	35	50

SHACKLE



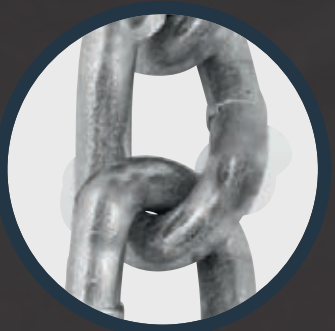
- SHACKLE 6 **OL67798061**
- SHACKLE 10 **OL67798101**
- SHACKLE 12 **OL67798121**
- SHACKLE 14 **OL67798141**
- SHACKLE 16 **OL67798161**

SQUARE CHAIN



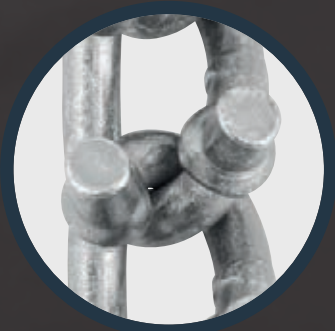
- SR 5 **T1420500**
- SR 8 **OL602959**
- SR 9 **OL602960**
- SR 10 **OL602961**

TWISTED CHAIN



- SV 7 **OL439627**
- SV 8 **OL439629**
- SV 9 **OL439631**
- SV 11 **OL439633**

TWISTED STUDDED CHAIN



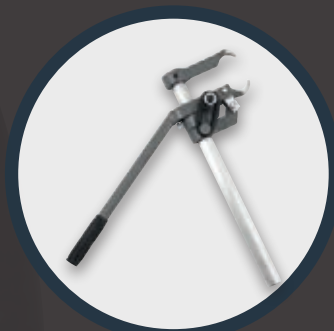
- SV 7, STUD. **OL439628**
- SV 8, STUD. **OL439630**
- SV 9, STUD. **OL439632**
- SV 11, STUD. **OL439634**

CHAIN TENSIONER SCISSORS



OL67798222

CHAIN TENSIONER BAR



OL67798221

CHAIN TENSIONER JACK



OL67798224

CLAPPER 4



OL67798322

SNOW CHAIN PLIERS NO. 2



OL67798223

NordChain has roots in Gunnebo since 1764

NordChain is the new traction chain from Sweden! At the same time we are also the oldest in Sweden, with our roots in Gunnebo, Småland. Our history starts in 1764 when Gunnebo Bruk started to manufacture nails for the shipyards in Västervik. Chain manufacture started in the 1850s. Forestry became an important purchaser of “Gunnebo-chains”, mainly for lashing for rafting and timber driving. At the end of the 1920s, Gunnebo Bruk started the development of snow chains for cars, buses and trucks, based on their production of chains. The 1930s saw a full range of “Gunnebo chains” on the market. That’s why we’ve chosen to incorporate the year 1930 in our logo to mark the birth of our traction chains. The advent of tractors within agriculture after the second world war made Gunnebo the main supplier of traction chains in Sweden.

The forwarder was developed in the early 1960s to be used in the forests of Sweden. Gunnebo developed suitable traction chains in parallel. And this work is ongoing! As forestry machines change, our traction chains is developed to give optimum grip, protection and longevity.

Since 2012, the manufacture of traction chains and bogie track has been part of a subsidiary called Nordic Traction AB. In total there are almost 100 employees in Nordic Traction AB with a turnover of approximately 20 million Euros . Our operation was acquired in 2015 by the Swedish investment fund Accent Equity. The Gunnebo trademark did not accompany the acquisition as it is owned by Gunnebo AB. The brand has therefore been changed to NordChain.



MANUFACTURE

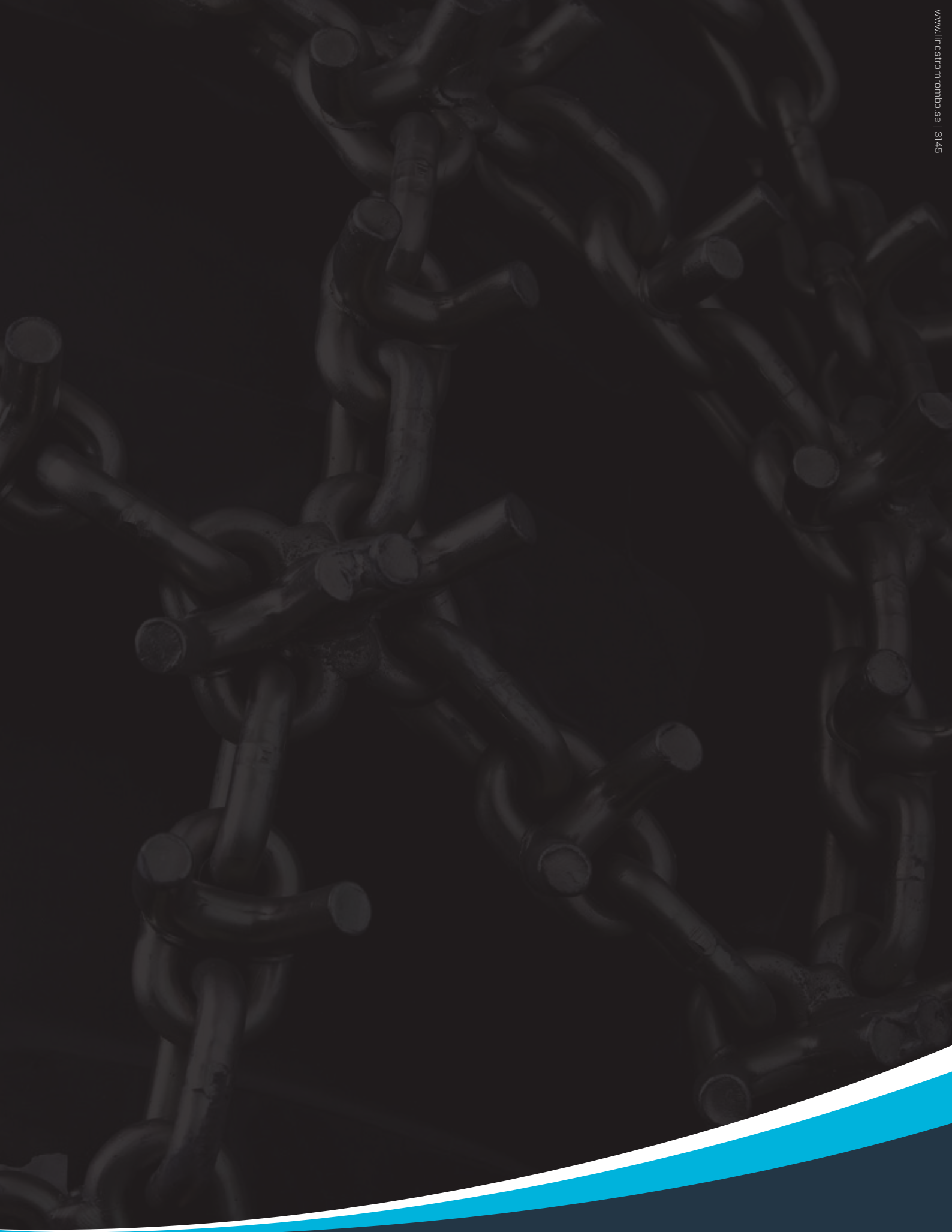
Nordic Traction AB is one of the world's largest manufacturers of traction chains for forest machines and tractors. The factory for traction chains is located north of the city of Turku in Finland.

NordChain is manufactured in a specially developed Nordic microalloyed boron steel in material diameters up to 19 mm.

After extensive pre-treatment, the material is bent in large link machines into chain and goes on to link welding. The link joint is heated electrically and pressed together under high pressure. The technique is the same if the links are to have studs; the details are heated

and pressed together. The result is an extremely strong weld.

Based on unique drawings, the component parts are cut, assembled and welded together to the desired type and size of traction chain. Once the wear mat is complete, the chain is case hardened for several hours in a large oven at a temperature of 900 degrees. Carbon atoms are added to the steel during the process in the oven to make it extremely hard and very tough.



Nordic Traction AB - quality chains from Gunnebo since 1930
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