

ATTRACTION

Special feature: Trelleborg Forestry

Ride tail



Welcome to the Blue Dimension™



Sustainable solutions – part of the business concept



With more than 100 years of experience in developing highly specialized solutions that create added value for customers, today Trelleborg is a leading global supplier of tires and complete wheels for agricultural and forestry machines.

In its work, Trelleborg strives for better sustainability and solutions that protect people, the environment and infrastructure. The Blue Tire™ concept is part of our efforts for a greener world.

Blue Tire™ technology is a concept that has been developed to reduce the environmental impact of the tire solutions and to provide end-users with the greatest possible productivity and efficiency. Blue Tire™ technology involves environment-friendly material, an advanced pattern concept and environment-friendly manufacturing methods.

The Twin Forestry T440 and T480 have been designed in accordance with Trelleborg's Blue Tire concept. The

large contact area of the tires makes it possible to recover the normal organic ability more quickly. The transverse grooves on the T480 reduce slippage in the track, contributing to lower fuel consumption.

Blue Tire™ is part of the Trelleborg Group's overarching sustainability work under the Blue Dimension™ concept. This means that products and solutions should not only fulfil customer needs, but also benefit people and society.

For more information about the Trelleborg's Blue Dimension™ sustainability concept – visit www.trelleborg.com/bluedimension

New generation of forest tires – with superb properties

The Twin Forestry T440 and T480 are two new tires series, which combines the best attributes of the previous range with innovative performance-enhancing technology and design.

The Twin Forestry T440 and T480 are designed for harvesters and forwarders. Thanks to new technology, these tires now offer even better grip and stronger resistance. The new design, including ProgressiveTraction™ and inter-lug terraces, delivers the next generation of self-cleaning, track-compatible tires with superior traction.

Lars Eriksson, Global Product Manager Trelleborg Forestry Tires, says, “The new ranges draws on all our experience and know-how from forestry and adds award-winning innovations from Trelleborg’s agricultural tires. The result is two enhanced tire ranges that are ideally suited for the tough demands of forest terrain, providing improvements in traction, resistance properties, stability and accessibility.”

Since the Twin Forestry range is designed for use with tracks, track manufacturer Olofsfors had an active role in the development process. Gunnar Bygdén, Marketing Manager-Forest at Olofsfors, believes that this involvement

felt extremely positive. Collaboration is quite simply a necessity to meet all the challenges.

“We and Trelleborg spoke the same language,” he believes, confirming that the final outcome was very successful.

“What we’re seeing with the new tires, especially the T480, is that we have a model totally adapted for use with tracks.”

Except for the new design, the Twin Forestry T440 and T480 tires, are made from a newly developed enhanced rubber compound, so that maximum grip and maximum performance is achieved with and without tracks.

The Twin Forestry tire range is complemented by the Skidder range T418 specifically designed for log skidding service.

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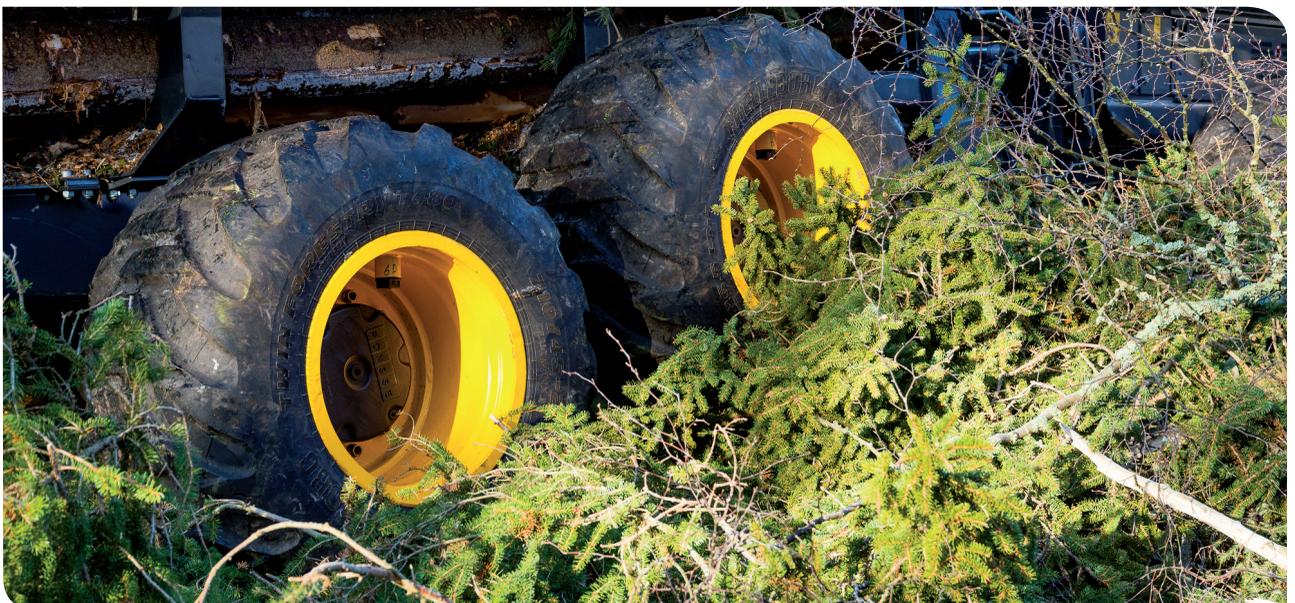
Gunnar Bygdén, Olofsfors

PROGRESSIVE TRACTION™

- specifically developed to increase tire efficiency and performance based on the action of a double lug. Operating on the soil at different times, the double lug progressively releases higher traction when required. The double lug also provides the tire with better floatation capability, producing even pressure distribution over the extra wide footprint and less impact on the forest floor.

INTER-LUG TERRACES

- a proven Trelleborg concept, integrated into the new tread design. By preventing the tread from clogging, inter-lug terraces ensure a self-cleaning tire that can always work at maximum efficiency.



A solution for every challenge

Forestry demands machines that can work in and navigate the forest regardless of the terrain. Tire and wheel quality are decisive to the fulfilment of this challenge.

This is why customer feedback is important when Trelleborg develops new products and solutions, incorporating both needs and opinions. On this spread, professional forestry contractors share their experiences of Trelleborg's solutions.

Trelleborg delivers solutions that make a difference. We focus on creating added value for our customers. Just how well we achieve this is for our users to decide.

Feel free to share your experiences by mailing them to www.tws.nordic@trelleborg.com



TWIN FORESTRY T480, L-G HULTSJÖS SKOGSMASKINER AB – SWEDEN

"L-G Hultsjös Skogsmaskiner AB has been logging the forests of Småland for more than 25 years. With eight employees and a fleet comprised of three harvesters and one forwarder, all Komatsu machines, we're one of the largest contractors in the region.

I became a partner in the company in 1996, together with my father Lars-Gunnar Hultsjö. At that time, he'd been running the company for a while and was already a loyal Trelleborg customer. Since then, we've always been pleased with the tires and the few times we've needed to contact Trelleborg the service has been great.

The main harvesting services we offer are thinning and final logging, mostly for our biggest customer Sydved. We work an area south-west of the city of Jönköping, with highly diverse types of terrain. One day we might be working in the hills, the next on the plains. One distinguishing feature is the many wetlands, which means that we often



“
The unbeatable
force transmission
from tire to track.”

need to use tracks. I'd say that's about 70 percent of the time.

We've just invested in a Komatsu 901 that will mostly be used for thinning in varied terrain. That machine is currently working in a very hilly area, with both steep inclines and flat wetlands. Since we've always used tires from Trelleborg, they were the obvious choice for our new Komatsu. We decided on the latest Twin Forestry T480, since they're specially designed for using with tracks. So far we've clocked up

about 350 hours with the tires, solely with tracks, and we're very pleased.

What I like most about the Twin Forestry T480 is the traction and the unbeatable force transmission from tire to track. The tires have transverse grooves that grip the tracks and hold them firmly. This makes working with the Twin Forestry T480 tires very different compared to the competition."

Johannes Hultsjö, Partner,
L-G Hultsjös Skogsmaskiner AB, Sweden



TWIN FORESTRY T440, EURL BÉDÈRE – FRANCE

“Since the start in 1998, my company Eurl Bédère has been focused on logging in south-west France. We’re located in the small municipality of Orx, at the heart of France’s largest forestland.

Two years ago, I invested in a new eight-wheeled Ponsse Scorpion King harvester with a full 286 horsepower. The machine was delivered in June 2016 and we chose to equip it with Twin Forestry T440 tires from Trelleborg.

The Ponsse Scorpion King is a fantastic machine with a productivity of about 250 cubic metres of timber a day. Features that really distinguish this machine are the comfort, the amazing panoramic view and the stability, despite its weight of 22.5 tonnes.

But not even a Ponsse Scorpion King works

optimally without perfect grip and traction. That’s why I chose the new Twin Forestry T440 tires and I’ve been satisfied with my choice since they first touched the ground.

What I like most is the ProgressiveTraction™ technology with double lugs, which offers both improved traction and greater load capacity. Also worth mentioning are the transverse grooves that help increase traction too. The steel reinforcement and considerably reduced risk of punctures are also clear advantages.

The landscape around Orx is comprised of sand dunes and muddy slopes along the banks of the Adour. I don’t need to use tracks here because the grip of the T440 tires is sufficient.

So to summarise, the Twin Forestry T440 offers an excellent combination of grip and flexibility. Since they were fitted, the tires have rolled problem-free for more than 1,400 hours and still look new.”

” Excellent combination of grip and flexibility.

Fabrice Bédère, Owner, Eurl Bédère, France



SKIDDER T418, EUCATEX – BRAZIL

“Eucatex is one of Brazil’s largest manufacturers of products for the construction and furniture industries, such as laminated flooring and MDF panels. Each year, the company produces some 1.5 million cubic metres of timber, which is a high production figure. That’s why we need tires that offer great performance in different types of terrain.

The three skidders we have at our facility in Botucatu, in the state of São Paulo, are all fitted with Trelleborg’s Skidder T418 tires. What’s more, we’ve just fitted our forwarders with the Twin Forestry T440 and T480 tires. We chose Trelleborg because of the high quality and the cost advantages offered in the field.

Working effectively in the field requires tires that can cope with many different ground conditions. This is a requirement that Trelleborg fulfils, thanks to advanced technology that enables excellent performance and evenly distributed ground pressure, which also means maximum



” The most cost-effective tires on the market.

grip. Moreover, the Twin Forestry T440 and T480 are both self-cleaning with compatible tracks and offer high traction for demanding forestry work.

These qualities make Trelleborg’s forestry tires the most cost-effective on the market.

“We’ve never had any problems with tires from Trelleborg and their performance has exceeded our expectations.”

Emílio José Costa Filho, Forestry Operations Supervisor at Eucatex, Brazil

Twin Forestry T480

The track solution

The T480's transverse grooves and flat tire profile give it unmatched track grip and compatibility. Even without tracks, it delivers exceptional pulling power in every situation and the inter-lug terraces make it self-cleaning.



KEY BENEFITS

- A perfect fit with tracks for exceptional grip.
- Transverse grooves and a wide flat tire profile for optimized track usage performance.
- Unique tread design with inter-lug terraces for effective self-cleaning and added pulling power.
- Large contact area with low ground pressure for less impact on forest floor.

Twin Forestry T440

The traction solution

The T440 incorporates ProgressiveTraction™ for optimum grip. The inter-lug terraces help keep the tread clean for maximum efficiency. Heavier lug heads and shoulders make for an even better match for tracks.



KEY BENEFITS

- Ideal for clay, mud, ice and snow - first class traction design means maximum accessibility.
- Exclusive ProgressiveTraction™ and inter-lug terrace technology for proven better grip and self-cleaning with less impact on forest floor.
- New lug design with heavier shoulder, lug heads and transverse edges for effective track compatibility.

Skidder T418

The heavy duty solution

The T418 is specifically designed for skidders. The reinforced tire walls offer excellent tear and penetration resistance, brushing off impacts from stumps, rocks, and uneven ground. This means longer tire life even in the most challenging operating conditions.

KEY BENEFITS

- Designed specifically for the tough demands of log skidding service.
- The armored plies and steel belt protect the carcass against stumps, boulders and rocks.
- Maximum resistance to cutting and tearing for longer lifetime.
- Deep and strong lugs that provide and maximize traction and strong grip.
- Extra reinforced sidewall increases stability and protection against impact.



SIZE	TREAD PATTERN	LI/SI/PR				NEW TIRE		TIRE IN SERVICE		SLR	RC	SRI	RIM	TUBE
		ROAD	PR	FOREST HT	FOREST LT	SW mm	OD mm	SW max mm	OD max mm					

TWIN FORESTRY T480 FOR CTL-MASKINER

600/50-22.5 LS2 TT	T480 SB	149A8	16	149A2	156A2	600	1170	630	1190	550	3510	550	AG20.00	600/50-22.5
710/40-22.5 LS2 TT	T480 SB	161A8	20	161A2	169A2	710	1170	745	1190	550	3530	550	AG24.00	700/40-22.5
710/40-24.5 LS2 TT	T480 SB	163A8	20	163A2	170A2	710	1220	745	1230	567	3715	575	AG24.00	710/40-24.5
600/55-26.5 LS2 TT	T480 SB	165A8	20	165A2	172A2	600	1340	630	1373	626	4125	625	AG20.00	600/55-26.5
710/45-26.5 LS2 TT	T480 SB	168A8	20	168A2	175A2	710	1340	746	1357	625	4060	625	AG24.00	710/45-26.5
710/45-26.5 LS2 TT	T480 SB	173A8	24	173A2	180A2	710	1340	746	1357	625	4060	625	AG24.00	710/45-26.5
800/40-26.5 LS2 TL	T480 SB	170A8	20	170A2	177A2	800	1340	840	1357	625	4065	625	AG28.00	800/40-26.5
750/55-26.5 LS2 TT	T480 SB	182A8	24	182A2	190A2	750	1485	788	1499	688	4485	700	AG24.00	750/50-26.5
780/50-28.5 LS2 TT	T480 SB	182A8	24	182A2	190A2	780	1525	819	1543	705	4660	705	AG26.00	780/50-28.5

SIZE	TREAD PATTERN	LI/SI/PR				NEW TIRE		TIRE IN SERVICE		SLR	RC	SRI	RIM	TUBE
		ROAD	PR	FOREST HT	FOREST LT	SW mm	OD mm	SW max mm	OD max mm					

TWIN FORESTRY T440 FOR CTL-MASKINER

650/45-22.5 LS2 TT	T440 SB	150A8	16	150A2	157A2	650	1160	683	1189	539	3480	550	AG20.00	650/45-22.5
710/40-24.5 LS2 TT	T440 SB	163A8	20	163A2	170A2	710	1220	745	1230	570	3715	575	AG24.00	710/40-24.5
600/55-26.5 LS2 TT	T440 SB	165A8	20	165A2	172A2	600	1340	630	1373	626	4125	625	AG20.00	600/55-26.5
710/45-26.5 LS2 TT	T440 SB	168A8	20	168A2	175A2	710	1340	746	1357	625	4060	625	AG24.00	710/45-26.5
800/40-26.5 LS2 TL	T440 SB	170A8	20	170A2	177A2	800	1340	840	1357	625	4065	625	AG28.00	800/40-26.5
750/55-26.5 LS2 TT*	T440 SB	182A8	24	182A2	190A2	750**	1485**	788**	1499**				AG24.00	750/50-26.5
600/65-34 LS2 TL	T440 SB	163A8	20	163A2	170A2	600	1650	630	1691	760	5070	775	DW20	600/65-34
710/55-34 LS2 TL	T440 SB	167A8	20	167A2	174A2	710	1650	745	1691	760	5070	775	DW23	700/55-34

SIZE	TREAD PATTERN	PR	NEW TIRE		TIRE IN SERVICE		SLR	RC	RIM	TUBE
			SW mm	OD mm	SW max mm	OD max mm				

SKIDDER T418 FOR FL-MASKINER

23.1-26 TL	T418 FS SB	16	600	1615	615	1655	750	4810	DW20B	23.1-26 TR218
28L-26 TL	T418 FS SB	20	705	1630	725	1670	747	4855	DW25B	28L-26 TR218
28L-26 TL	T418 FS SB	26	705	1630	725	1670	747	4855	DW25B	28L-26 TR218
24.5-32 TL	T418 FS SB	16	630	1825	645	1870	832	5425	DH21	24.5-32 TR218
30.5L-32 TL	T418 FS SB	20	760	1840	780	1885	840	5470	DH27	30.5-32 TR218
30.5L-32 TL	T418 FS SB	26	760	1840	780	1885	840	5470	DH27	30.5-32 TR218
DH35.5L-32 TL	T418 FS SB	24	890	2000	920	2040	905	5925	DH31	

SB = Steelbelt TT = Tube Tire TL = Tubeless Tire CTL = Cut-To-Length FL = Full-Length * In preparation **Design data

Trelleborg offers a wide range of tires, rims and tubes.
For more information and contact, visit www.trelleborg.com/wheels

Ride tall

TWIN FORESTRY
T440 & T480 —
SERIOUS TIRES FOR
SERIOUS FORESTERS



You are better than ever at forestry. We are better than ever at forestry tires. The new Twin Forestry series from Trelleborg is our ultimate tribute to the business and the people who make it. Expect even better traction, stability and accessibility thanks to exclusive new tread designs, improved resistance properties and better-than-ever track compatibility. And as always, wherever you are we are there to support you.

Ride Tall with Trelleborg Twin Forestry.
www.trelleborg.com/wheels

