



Trelleborg Forestry Serious Tires for Serious Foresters



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Tire iBrochure

Welcome to the world of Trelleborg

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative solutions accelerate performance for customers in a sustainable way. Trelleborg Wheel Systems is a leading global supplier of tires and complete wheels for agricultural and forestry machines, forklift trucks and other materials handling vehicles. Our business is built on five core capabilities that enable us to deliver value, where polymer engineering and local presence, combined with global reach, gives a solid foundation. The value-driving factors of applications expertise and customer integration act as a business accelerator for our customers.

Polymer Engineering



THE EXPERTS IN POLYMER ENGINEERING

For over a century, we have pioneered the development of applied polymer engineering and material technology. BlueTire Technology is a concept developed by Trelleborg to reduce the environment footprint of our tire solutions as well as provide end-users with premium productivity and efficiency. The BlueTire Technology is also applied on our forestry range offering eco-friendly materials, advanced tread and bead concepts, new design as well as eco-friendly manufacturing procedures.

WHEREVER YOU ARE WE ARE THERE TO SUPPORT YOU

Wherever we do business, we combine our local knowledge with our global strength and capabilities.

Local presence and global reach have become key drivers in our forestry business strategy. Today Trelleborg is present in over 50 countries around the world with a specialist network for professional service and support.

Local Presence, Global Reach



Application Expertise



WE KNOW HOW YOUR BUSINESS WORKS

We have extensive knowledge of the specific applications used in each business segment and draw on this to meet the challenges you face. With long experience of serving forestry customers, we have the competence and focus necessary to offer highly specialized forestry complete solutions to create added value for our customers.

Customer Integration



PART OF YOUR TEAM

We want to make it as easy as possible for our customers to do business with us in the way that best suits their working processes. Close cooperation and partnership is crucial for developing specialized solutions for our customers and provide optimized aftermarket service and support. Choosing Trelleborg means choosing a supplier that delivers value beyond the product.

Business Accelerator



WE WORK TO BUILD YOUR BUSINESS

We are a proactive business partner delivering future-proof solutions based on market foresight that can contribute to better business – now and tomorrow. We optimize, through the superior performance of our solutions, customer's costs over time. Being the sole manufacturer of forestry complete wheel solutions in Europe, Trelleborg offers premium service to OEM-customers and forestry end-users for improved efficiency and productivity.

Twin Forestry T480 The Track Solution

When the going gets tough, T480 gets to work. The T480's transverse grooves and wide flat tire profile give it unmatched track grip and compatibility. Even without tracks, you will experience unmatched pulling power in every condition. And thanks to a tread with inter-lug terraces, have a self-cleaning tire that can always work harder and push further.



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

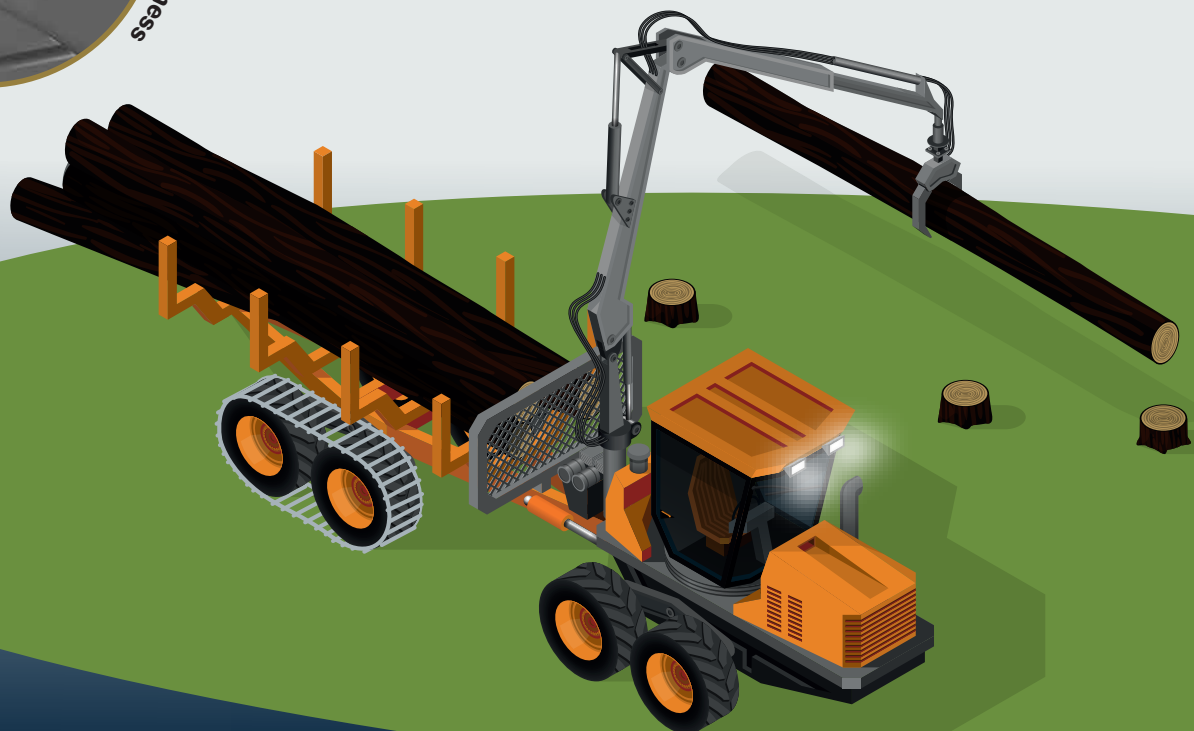
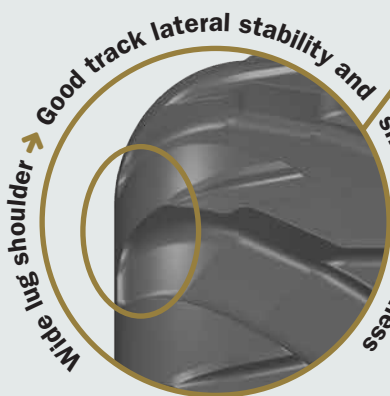
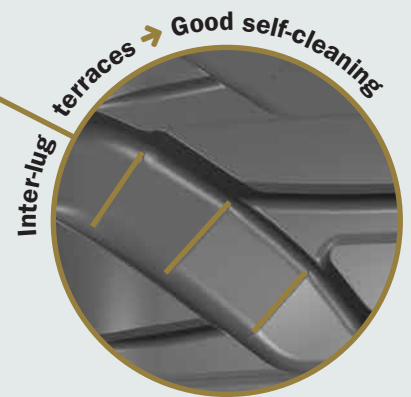
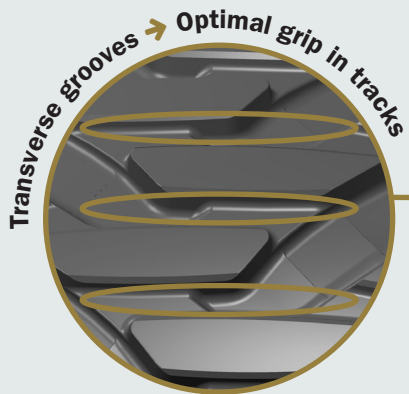
T480 is designed according to the Trelleborg BlueTire concept, developed to reduce the environmental footprint as well as provide the end-user with premium productivity and efficiency.

BLUE TIRE
TECHNOLOGY

For the complete range see page 14

TRANSVERSE GROOVES

The transverse grooves and the wide flat profile gives a perfect fit with tracks for exceptional grip.



Twin Forestry T440 The Traction Solution

More traction, better accessibility – T440 takes exclusive Trelleborg ProgressiveTraction® on board for the best possible grip. The well-known Trelleborg concept of inter-lug terraces has also been added, keeping the tread clean and at its hard-working best all day long. Lug heads and shoulders are now heavier, making your T440 an even better match for tracks.



TWIN FORESTRY
T440

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

T440 is designed according to the Trelleborg BlueTire concept, developed to reduce the environmental footprint as well as provide the end-user with premium productivity and efficiency.

BLUE TIRE
TECHNOLOGY



For the complete range see page 14

INTER-LUG TERRACES

The different planes between the lugs flex in relation to one another, enhancing self-cleaning, particularly in heavy conditions.

DUAL ANCHOR WITH PROGRESSIVETRACTION®

The new tread with the ProgressiveTraction® concept is characterized by a special double lug that operates on the soil at different times, progressively releasing higher traction when and where it is needed. The double lug also provides the tire with better floatation capability, ensuring an even pressure distribution over the extra wide footprint.



Skidder T418 The Heavy Duty Solution

T418 is specifically designed for log skidding service with excellent penetration and tear resistance to provide longer tire life under the most severe 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

For the complete range see page 14



CARCASS STRUCTURE

Robust structure for tough forest conditions, built from durable cord and steel belt reinforcement.

PATTERN DESIGN

The deep and strong 23° lugs provide maximum traction and a firm grip on slippery and soft surfaces.



SIDEWALLS

Extra rubber reinforcement in the sidewall increases the lateral stability of the tire and protects it against impact.

BEAD

A specially design debris deflector protects the rim flange and tire bead. The dual bead cores ensure an exceptionally strong fit on the rim.

Agroforest T410 The Flexible Solution

T410 Agroforest represents the best choice for a combination of agricultural and forestry applications. It guarantees optimal performance in tough forestry service as well as in field use, where comfort and traction are required.



KEY BENEFITS

- ▶ Reinforced sidewall to guarantee minimum impact and perforation
- ▶ Special lug shape to ensure excellent grip and traction in tough terrain
- ▶ High level of stability during heavy applications due to the shoulder design
- ▶ Larger lug contact area compared to an ordinary tractor pattern



For the complete range see page 15

Twin T404, T414, T421 The Complementary Solution



TWIN T404 FOR FORESTRY TRAILERS

This tire is characterized by its rounded shoulder design and wide contact area. The non-aggressive tread pattern is suitable for soft terrain.

KEY BENEFITS

- ▶ Large ground contact area for minimum soil compaction
- ▶ Reinforced sidewalls
- ▶ Low ground pressure
- ▶ Good lateral stability
- ▶ Excellent grip and traction in tough terrain



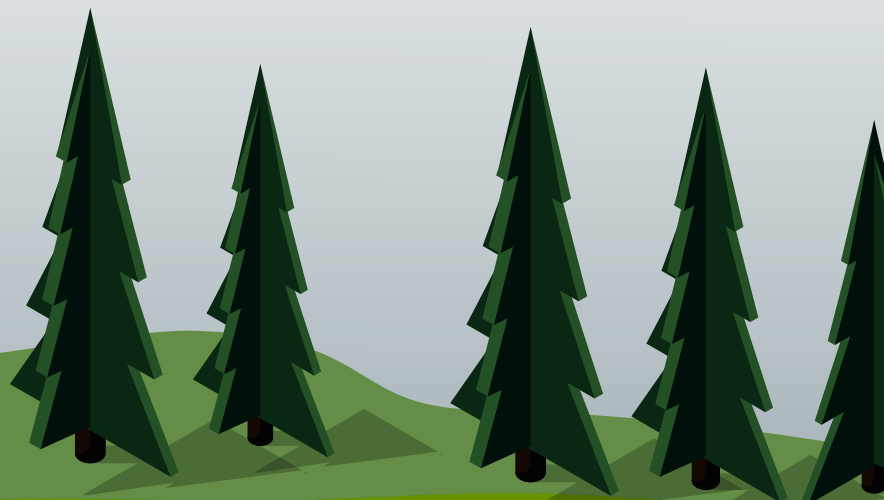
TWIN T414 FOR SMALL FORESTRY MACHINES

This tire offers superior performance in the forest. The pattern design ensures high traction, excellent flotation and minimized damage to the soil structure.



TWIN T421 FOR SMALL FORESTRY MACHINES

This unique bias-belt design maximizes the ground contact area improving flotation and traction. The rounded shoulder ensures minimum soil compaction.

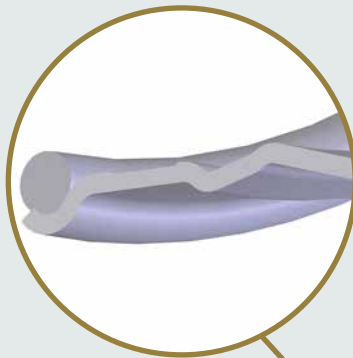


Forestry Rims The Customized Solution

As the sole manufacturer of forestry complete wheel solutions in Europe, Trelleborg offers premium service to OEM-partners and forestry end-users for improved efficiency and productivity. Trelleborg offers high quality forestry rims available in different designs, reinforcements, sizes and colors.

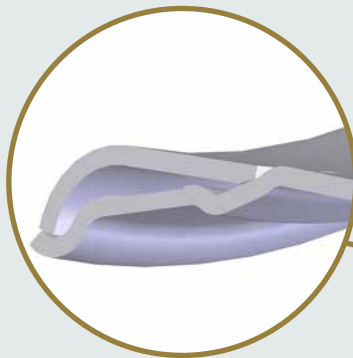
ROUND BAR REINFORCEMENT

This reinforcement protects the rim edge against impact and damage, and makes it possible for the rim to carry a larger load.



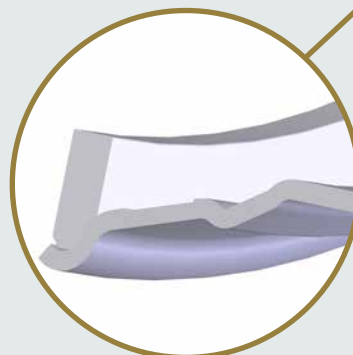
BOX REINFORCEMENT

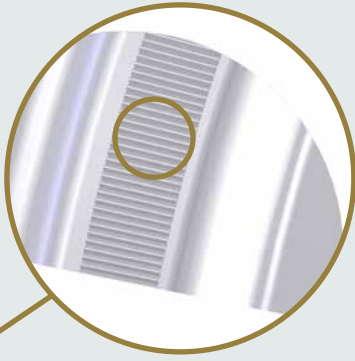
Protects against impact. In addition, the inside of the rim has a design that prevents dirt and mud from collecting and sticking. This reinforcement produces an extremely strong rim – suitable for the toughest jobs.



FLAT BAR REINFORCEMENT

Protects the edge from impact and damage. This reinforcement can be used in several tough conditions.



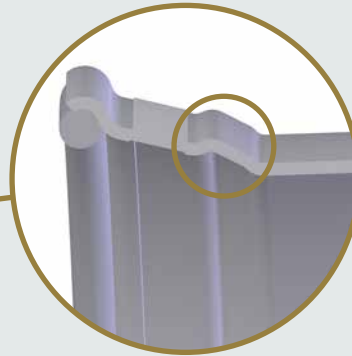


KNURLING

The grooved section of the rim where the tire bead rests on the rim. The purpose of knurling is to counteract the tendency for the tire to slip on the rim.

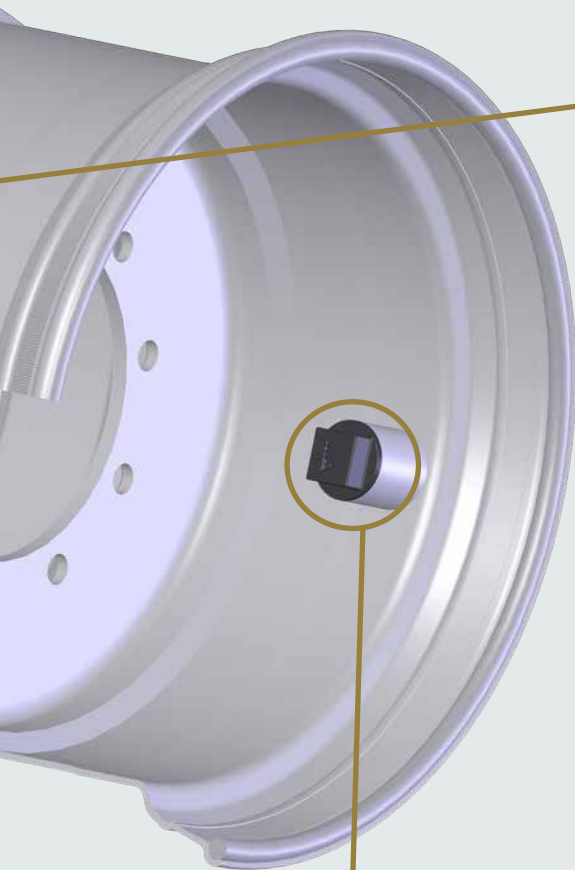
KNURLING AND HUMP

Knurling is an advanced design where the height of the profile is providing maximum performance at high torque. The knurling in combination with the well-known Trelleborg Hump concept, an extra bend just inside the bead seat, is holding the tire in place and secures the position of the rim. This results in an extremely good grip preventing tire slippage at high torque.



HUMP

An extra bend just inside the bead seat. The hump facilitates driving at low air pressure, holding the tire in place.



VALVE GUARD

Valve guard is used when there is a risk that the valve will be damaged. A fully covered valve guard gives maximum protection in forestry applications.



FORESTRY RIMS TAILORED TO YOUR NEEDS

- ▶ High-strength steel is used in different grades for the rims, depending on the size and service required for the complete wheel
- ▶ All rims are available with knurling
- ▶ All rims can be customized with different offsets, stud hole configurations and colors

TWIN FORESTRY FOR CTL-MACHINES



T480 T440 T428

| 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 | | | | | |
| 650/45-22.5 LS2 TT | T440 SB | 150A8 | 16 | 150A2 | 157A2 | 650 | 1160 | 683 | 1189 | 539 | - | 550 | AG20.00 | 650/45-22.5 |
| 600/50-22.5 LS2 TT | T480 SB | 149A8 | 16 | 149A2 | 156A2 | 610 | 1170 | 640 | 1199 | 550 | 3510 | 550 | AG20.00 | 600/50-22.5 |
| 710/40-22.5 LS2 TT | T480 SB | 161A8 | 20 | 161A2 | 169A2 | 710 | 1170 | 746 | 1179 | 540 | 3510 | 550 | AG24.00 | 700/40-22.5 |
| 710/40-24.5 LS2 TT | T440 SB | 163A8 | 20 | 163A2 | 170A2 | 710 | 1220 | 745 | 1230 | 570 | 3700 | 575 | AG24.00 | 710/40-24.5 |
| 710/40-24.5 LS2 TT | T480 SB | 163A8 | 20 | 163A2 | 170A2 | 710 | 1220 | 745 | 1230 | 570 | 3700 | 575 | AG24.00 | 710/40-24.5 |
| 600/55-26.5 LS2 TT | T440 SB | 165A8 | 20 | 165A2 | 172A2 | 600 | 1340 | 630 | 1373 | 626 | 4050 | 625 | AG20.00 | 600/55-26.5 |
| 600/55-26.5 LS2 TT | T480 SB | 165A8 | 20 | 165A2 | 172A2 | 600 | 1340 | 630 | 1373 | 626 | 4050 | 625 | AG20.00 | 600/55-26.5 |
| 710/45-26.5 LS2 TT | T440 SB | 168A8 | 20 | 168A2 | 175A2 | 710 | 1340 | 746 | 1357 | 625 | 4020 | 625 | AG24.00 | 710/45-26.5 |
| 710/45-26.5 LS2 TT | T480 SB | 168A8 | 20 | 168A2 | 175A2 | 710 | 1340 | 746 | 1357 | 625 | 4020 | 625 | AG24.00 | 710/45-26.5 |
| 710/45-26.5 LS2 TT | T480 SB | 173A8 | 24 | 173A2 | 180A2 | 710 | 1340 | 746 | 1357 | 625 | 4020 | 625 | AG24.00 | 710/45-26.5 |
| 800/40-26.5 LS2 TT | T440 SB | 170A8 | 20 | 170A2 | 177A2 | 800 | 1340 | 840 | 1357 | 625 | 4020 | 625 | AG28.00 | 800/40-26.5 |
| 800/40-26.5 LS2 TT | T480 SB | 170A8 | 20 | 170A2 | 177A2 | 800 | 1340 | 840 | 1357 | 625 | 4020 | 625 | AG28.00 | 800/40-26.5 |
| 750/55-26.5 LS2 TT | T440 SB | 182A8 | 24 | 182A2 | 190A2 | 750 | 1485 | 788 | 1499 | 690 | 4485 | 700 | AG24.00 | 750/50-26.5 |
| 750/55-26.5 LS2 TT | T480 SB | 182A8 | - | 182A2 | 190A2 | 750 | 1485 | 788 | 1499 | 690 | 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 |
| 710/50-30.5 LS2 TT | T428 SB | 173A8 | 20 | 173A2 | 180A2 | 710 | 1485 | 746 | 1522 | 700 | 4485 | 700 | AG24.00 | 710/50-30.5 |
| 750/45-30.5 LS2 TT | T428 SB | 173A8 | 20 | 173A2 | 180A2 | 750 | 1465 | 788 | 1497 | 700 | 4395 | 685 | AG24.00 | 750/45-30.5 |
| 600/65-34 LS2 TL | T440 SB | 163A8 | 20 | 163A2 | 170A2 | 610 | 1650 | 630 | 1690 | 765 | 5070 | 775 | DW20A | 600/65-34 |
| 710/55-34 LS2 TL | T440 SB | 167A8 | 20 | 167A2 | 174A2 | 710 | 1650 | 746 | 1691 | 775 | 4950 | 760 | DW24A | 700/55-34 |

SB = Steelbelt TT = Tube Tire TL = Tubeless Tire

SKIDDER FOR FL-MACHINES



T418

| SIZE | Tread Pattern | PR | New Tire | | Tire in Service | | SLR | RC | RIM | TUBE |
|---------------|---------------|----|----------|-------|-----------------|-----------|-----|------|-------|---------------|
| | | | SW mm | OD mm | SW max mm | OD max mm | | | | |
| 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 TL = Tubeless Tire

AGROFOREST FOR TRACTORS



T410

| SIZE | Tread Pattern | LI/SI | New Tire | | Tire in Service | | SLR | RC | SRI | RIM | TUBE |
|------------------------|---------------|---------------|----------|-------|-----------------|-----------|-----|------|-----|-------------------|---------|
| | | | SW mm | OD mm | SW max mm | OD max mm | | | | | |
| 320/85-24 TT (12.4-24) | T410 | 127A8 (124B) | 325 | 1165 | 345 | 1192 | 546 | 3462 | 550 | W9, W10 - W11 | 12.4-24 |
| 380/85-24 TT (14.9-24) | T410 | 137A8 (134B) | 380 | 1260 | 410 | 1302 | 583 | 3768 | 590 | W11, W13 - W12 | 14.9-24 |
| 380/85-24 TL (14.9-24) | T410 | 143A8 (1480B) | 390 | 1275 | 410 | 1302 | 600 | 3810 | 600 | W11, W13 - W12 | |
| 380/85-28 TT (14.9-28) | T410 | 139A8 (136B) | 380 | 1365 | 410 | 1403 | 637 | 4071 | 650 | W11, W13 - W12 | 14.9-28 |
| 420/85-28 TT (16.9-28) | T410 | 144A8 (141B) | 440 | 1435 | 451 | 1475 | 669 | 4275 | 675 | W13, W14L - W15L | 16.9-28 |
| 460/85-30 TT (18.4-30) | T410 | 150A8 (147B) | 480 | 1550 | 491 | 1598 | 720 | 4632 | 725 | W14L, W15L - W16L | 18.4-30 |
| 420/85-34 TT (16.9-34) | T410 | 147A8 (144B) | 440 | 1575 | 451 | 1628 | 736 | 4734 | 750 | W13L, W14L - W15L | 16.9-34 |
| 420/85-34 TL (16.9-34) | T410 | 153A8 (150B) | 445 | 1575 | 460 | 1628 | 736 | 4734 | 750 | W13L, W14L - W15L | 16.9-34 |
| 460/85-34 TT (18.4-34) | T410 | 152A8 (149B) | 475 | 1645 | 491 | 1700 | 766 | 4938 | 775 | W14L, W15L - W16L | 18.4-34 |
| 420/85-38 TT (16.9-38) | T410 | 149A8 (146B) | 440 | 1680 | 451 | 1729 | 787 | 5037 | 800 | W13, W14L - W15L | 16.9-38 |
| 460/85-38 TT (18.4-38) | T410 | 154A8 (151B) | 470 | 1750 | 491 | 1801 | 819 | 5241 | 825 | W14L, W15L - W16L | 18.4-38 |
| 520/85-38 TT (20.8-38) | T410 | 160A8 (157B) | 520 | 1850 | 557 | 1911 | 859 | 5547 | 875 | DW18L - DW16L | 20.8-38 |

TT = Tube Tire TL = Tubeless Tire

TWIN FOR FORESTRY TRAILERS AND SMALL FORESTRY MACHINES



T404

T421

T414

| SIZE | Tread Pattern | LI/SI/PR | | | New Tire | | Tire in Service | | RC | SRI | RIM | TUBE |
|--------------------|---------------|----------|-----------|-----------|----------|-------|-----------------|-----------|------|-----|---------|-------------|
| | | ROAD PR | FOREST HT | FOREST LT | SW mm | OD mm | SW max mm | OD max mm | | | | |
| 500/45-22.5 TT | T404 FS | 129A8 | 129A2 | 136A2 | 500 | 1020 | 525 | 1045 | 3066 | 485 | AG16.00 | 500/45-22.5 |
| 500/60-22.5 TT | T421 SB | 144A8 | 144A2 | 151A2 | 500 | 1170 | 525 | 1200 | 3525 | 550 | AG16.00 | 500/60-22.5 |
| 600/60-30.5 LS2 TT | T414 FS | 153A8 | 153A8 | 16A2 | 600 | 1495 | 638 | 1545 | 4485 | 700 | AG20.00 | 600/60-30.5 |

SB = Steelbelt TT = Tube Tire

Trelleborg offers a wide range of rims and tubes, contact us for the complete range.





Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 50 countries around the world.

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Trelleborg Wheel Systems Italia S.p.A.
Via Nazionale Tiburtina, 143 - 00010 Villa Adriana (RM) Italy
Phone: +39 0774 384701 - Fax: +39 0774 384702
www.trelleborg.com/wheels