



# Forestry

Wheels





## **OTR Engineered Solutions (OTR)**

is your global partner for high-quality off-the-road tires, wheels, assemblies, and accessories. We are proud to supply end-user customers, dealers, and original equipment manufacturers with engineered solutions to meet and exceed common – and uncommon – challenges in such core markets as Agriculture, Construction, Forestry, Industrial, Lawn & Garden, Material Handling, Mining, Powersports, and Specialty Vehicles. But our success is much more than the products we offer. We're a multinational enterprise with more than 1,400 employees throughout 32 facilities worldwide dedicated to supporting you with a full range of high-level services to help you Roll More™.

## **Forestry**

OTR's product lineup for forestry equipment is the result of many years of experience, innovations, and a hands-on approach that ensures our products get the job done. Whether you are focused on productivity, utilization, safety, or value, OTR's team will help you find the right solution.





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# Wheels

## Best-in-Class Forestry Wheels

OTR manufactures and supplies steel wheels for forestry machinery, such as feller bunchers, skidders, loaders, and forwarders for original equipment manufacturers (OEMs) and the aftermarket. Our applications-specific steel wheels are regarded as best-in-class, designed for extreme-duty and long-life with exceptional value. Wheels are also designed for plug & play replacements of other brands, including stock units, and can be modified for unique end-user requirements.

Typical rim sizes range from 25"-32", with standard, dual disc, inside dual, outside dual, and custom configurations. Key benefits include:

- OEM compliant designs, validated in real-world use.
- Center discs—flat or formed—manufactured with precise tolerances for longevity and fitment.
- Beads and belly band sleeves reinforced for improved strength and load distribution.
- Inside dual wheels (ISD) feature dual-ring welded to wheel, with 4 gussets on rear for strength and stability.
- Assemblies welded using robotic, automatic, and submerged arc machines.
- Valve guards added for ALL wheels.
- Tire size recommendations and mounting services available.
- Database covering critical backspacing to ensure clearance for attachments, hydraulic rams, bump guards, etc.





## Application Tips

In looking for the right wheel, it is necessary to identify the make and model of the machine, number of bolt holes in the wheel, and the backspacing required. Reference the following tables for common tire and wheel sizes and brand fitments:

Tire Size	Wheel Size
67/34.00-25	25X30 3PC
66/43.00-25	25X36 3PC
18.4X26	26X16
23.1X26	26X20
28L26	26X25
67/34.00-26	26X30
66/43.00-26	26X36
600/50-26.5	26.5X20
710/45-26.5	26.5X24
800/40-26.5	26.5X28
780/50-28.5	28.5X26
24.5X32	32X21
30.5X32	32X27
35.5X32	32X31
73/44.00-32	32X36
78/41.00-32	32X41
18.4X34	34X16

Make	Bolt Holes	Backspace
		IN
JOHN DEERE	14	8, 10
JOHN DEERE	20	16
JOHN DEERE	31	23.5, 25.6
TIGERCAT	14	8, 10
TIGERCAT	18	15, 18, 21
CAT	16	8
CAT	20	11, 15
CAT	24	11, 15



# 1-Piece Wheels

## CAT/WEILER

### 1-PIECE WHEELS

OTR's application-specific steel CAT/WEILER wheels range in size from 32X27 to 32X44.



Wheel Size	Fits Tire Size	Diameter	Depth	Bolt Holes	Backspace	Configuration	Part Number
		IN (MM)	IN (MM)		IN (MM)		
32X27	30.5X32	32 (812.8)	27 (685.8)	20	15 (381.0)	INSIDE DUAL	32X27W005
32X27	30.5X32	32 (812.8)	27 (685.8)	20	15 (381.0)	STANDARD	32X27W017
32X27	30.5X32	32 (812.8)	27 (685.8)	24	11 (279.4)	INSIDE DUAL	32X27W015
32X27	30.5X32	32 (812.8)	27 (685.8)	24	15 (381.0)	INSIDE DUAL	3227022
32X27	30.5X32	32 (812.8)	27 (685.8)	24	11 (279.4)	STANDARD	3227016
32X31	35.5X32	32 (812.8)	31 (787.4)	20	11 (279.4)	STANDARD	32X31W016
32X31	35.5X32	32 (812.8)	31 (787.4)	20	15 (381.0)	STANDARD	32X31W003
32X31	35.5X32	32 (812.8)	31 (787.4)	24	11 (279.4)	INSIDE DUAL	32X31W017
32X31	35.5X32	32 (812.8)	31 (787.4)	24	15 (381.0)	INSIDE DUAL	32X31W024
32X31	35.5X32	32 (812.8)	31 (787.4)	24	11 (279.4)	STANDARD	32X31W010
32X31	35.5X32	32 (812.8)	31 (787.4)	24	15 (381.0)	STANDARD	32X31W011
32X36	73X44.00-32	32 (812.8)	36 (914.4)	24	11 (279.4)	STANDARD	32X36W008
32X44	66,68,76X5000-32	32 (812.8)	44 (1,117.6)	20	14 (355.6)	STANDARD	32X44W004

## JOHN DEERE

### 1-PIECE WHEELS

OTR's application-specific steel JOHN DEERE wheels range in size from 25X30 to 32X44.



Wheel Size	Fits Tire Size	Diameter	Depth	Bolt Holes	Backspace	Configuration	Part Number
		IN (MM)	IN (MM)		IN (MM)		
25X303P	67-34.00-25	25 (635.0)	30 (762.0)	14	10.7 (271.8)	STANDARD	2530090-572
26X25	28L26	26 (660.4)	25 (635.0)	14	10 (254.0)	INSIDE DUAL	26X25W015
26X25	28L26	26 (660.4)	25 (635.0)	14	8 (203.2)	STANDARD	26X25W026-572
32X21	24.5X32	32 (812.8)	21 (533.4)	12	0	OUTSIDE DUAL	3221009-572
32X21	24.5X32	32 (812.8)	21 (533.4)	24	0	OUTSIDE DUAL	3221010
32X27	30.5X32	32 (812.8)	27 (685.8)	12	0	OUTSIDE DUAL	3227026-572
32X27	30.5X32	32 (812.8)	27 (685.8)	14	8 (203.2)	INSIDE DUAL	32X27W009-572
32X27	30.5X32	32 (812.8)	27 (685.8)	14	8.5 (215.9)	STANDARD	3227017-572
32X27	30.5X32	32 (812.8)	27 (685.8)	20	16 (406.4)	INSIDE DUAL	3227032
32X27	30.5X32	32 (812.8)	27 (685.8)	20	16 (406.4)	STANDARD	32X27W014
32X31	35.5X32	32 (812.8)	31 (787.4)	14	8 (203.2)	INSIDE DUAL	32X31W008-572
32X31	35.5X32	32 (812.8)	31 (787.4)	14	8 (203.2)	STANDARD	32X31W027-572
32X31	35.5X32	32 (812.8)	31 (787.4)	14	10 (254.0)	STANDARD	32X31W023-572



Wheel Size	Fits Tire Size	Diameter	Depth	Bolt Holes	Backspace	Configuration	Part Number
		IN (MM)	IN (MM)		IN (MM)		
<b>JOHN DEERE 1-PIECE WHEELS CONTINUED</b>							
32X31	35.5X32	32 (812.8)	31 (787.4)	20	16 (406.4)	INSIDE DUAL	3231008
32X31	35.5X32	32 (812.8)	31 (787.4)	20	14 (355.6)	STANDARD	32X31W036
32X31	35.5X32	32 (812.8)	31 (787.4)	20	16 (406.4)	STANDARD	32X31W007
32X36	73X44.00-32	32 (812.8)	36 (914.4)	14	8 (203.2)	STANDARD	32X36W006-572
32X36	73X44.00-32	32 (812.8)	36 (914.4)	14	10 (254.0)	STANDARD	3236012-572
32X36	73X44.00-32	32 (812.8)	36 (914.4)	20	16 (406.4)	STANDARD	3236013
32X44	66,68,76X5000-32	32 (812.8)	44 (1,117.6)	14	8 (203.2)	STANDARD	32X44W003
32X44	66,68,76X5000-32	32 (812.8)	44 (1,117.6)	20	16 (406.4)	STANDARD	3244005



*The OTR forestry wheels we sell for Tigercat and John Deere skidders and cutters are engineered for extreme duty, providing the strength, durability, and reliability our customers need. Reducing downtime due to wheel failures is also key. We also appreciate OTR's flexibility in customizing wheels for end-users' applications. These are the reasons why OTR is our first choice for forestry wheels!*

– Ryan Cockrell and Cowan Conway, Commercial Sales, Southern Tire Mart, Jackson, MS





# Forestry 1-Piece Wheels

## TIGERCAT

### 1-PIECE WHEELS

OTR's application-specific steel TIGERCAT wheels range in size from 25X30 to 32X44.



Wheel Size	Fits Tire Size	Diameter	Depth	Bolt Holes	Backspace	Configuration	Part Number
		IN (MM)	IN (MM)		IN (MM)		
25X303P	67-34.00-25	25 (635.0)	30 (762.0)	14	10.7 (271.8)	STANDARD	2530090
25X303P	67-34.00-25	25 (635.0)	30 (762.0)	14	8.5 (215.9)	STANDARD	2530093
25X303P	67-34.00-25	25 (635.0)	30 (762.0)	14	8.5 (215.9)	INSIDE DUAL	2530018
26X25	28L26	26 (660.4)	25 (635.0)	14	9.75 (247.7)	INSIDE DUAL	2625035
26X25	28L26	26 (660.4)	25 (635.0)	14	8 (203.2)	STANDARD	26X25W026-572
26X25	28L26	26 (660.4)	25 (635.0)	14	10 (254.0)	STANDARD	2625065
32X21	24.5X32	32 (812.8)	21 (533.4)	12	0	OUTSIDE DUAL	3221009
32X27	30.5X32	32 (812.8)	27 (685.8)	12	0	OUTSIDE DUAL	3227026
32X27	30.5X32	32 (812.8)	27 (685.8)	14	8 (203.2)	INSIDE DUAL	32X27W009
32X27	30.5X32	32 (812.8)	27 (685.8)	14	10 (254.0)	INSIDE DUAL	32X27W021
32X27	30.5X32	32 (812.8)	27 (685.8)	14	8 (203.2)	STANDARD	32X27W018
32X27	30.5X32	32 (812.8)	27 (685.8)	14	10 (254.0)	STANDARD	32X27W011
32X27	30.5X32	32 (812.8)	27 (685.8)	18	18 (457.2)	INSIDE DUAL	3227012
32X27	30.5X32	32 (812.8)	27 (685.8)	18	21 (533.4)	INSIDE DUAL	3227015
32X27	30.5X32	32 (812.8)	27 (685.8)	18	14 (355.6)	STANDARD	3227050
32X27	30.5X32	32 (812.8)	27 (685.8)	18	18 (457.2)	STANDARD	3227040
32X31	35.5X32	32 (812.8)	31 (787.4)	14	8 (203.2)	INSIDE DUAL	32X31W008
32X31	35.5X32	32 (812.8)	31 (787.4)	14	8 (203.2)	STANDARD	32X31W027
32X31	35.5X32	32 (812.8)	31 (787.4)	14	10 (254.0)	STANDARD	32X31W023
32X31	35.5X32	32 (812.8)	31 (787.4)	14	11.5 (292.1)	STANDARD	3231007



Wheel Size	Fits Tire Size	Diameter	Depth	Bolt Holes	Backspace	Configuration	Part Number
		IN (MM)	IN (MM)		IN (MM)		
<b>TIGERCAT 1-PIECE WHEELS CONTINUED</b>							
32X31	35.5X32	32 (812.8)	31 (787.4)	18	15 (381.0)	INSIDE DUAL	3231012
32X31	35.5X32	32 (812.8)	31 (787.4)	18	18 (457.2)	INSIDE DUAL	3231004
32X31	35.5X32	32 (812.8)	31 (787.4)	18	16 (406.4)	STANDARD	3231006
32X31	35.5X32	32 (812.8)	31 (787.4)	18	18 (457.2)	STANDARD	32X31W026
32X36	73X44.00-32	32 (812.8)	36 (914.4)	18	16 (406.4)	STANDARD	32X36W005
32X36	73X44.00-32	32 (812.8)	36 (914.4)	18	18 (457.2)	STANDARD	3236022
32X41	78/45.00-32	32 (812.8)	41 (1,041.4)	18	18 (457.2)	INSIDE DUAL	3241006
32X44	66,68,76X5000-32	32 (812.8)	44 (1,117.6)	14	8 (203.2)	STANDARD	32X44W003
32X44	66,68,76X5000-32	32 (812.8)	44 (1,117.6)	14	10 (254.0)	STANDARD	32X44W007
32X44	66,68,76X5000-32	32 (812.8)	44 (1,117.6)	18	18 (457.2)	STANDARD	3244007



*We need heavy duty wheels for heavy duty machines and OTR forestry wheels are what we put on all of our machines! The wheels interface correctly, every time, with OEM spec tires so there are no issues. The engineering that goes into their wheel shows they have the end user in mind by reducing downtime and we feel this helps bring our customers back to us when looking for new machines.*

– Justin Webb, Vice President, B&G Equipment-TigerCat Dealer



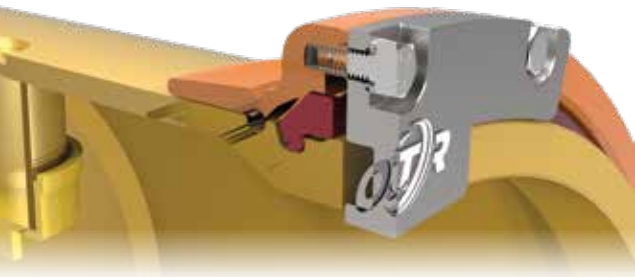
# Forestry **1-Piece** Wheels



# 3-Piece Wheels

## New 3-Piece Wheel Benefits

The unique 32-inch three-piece wheel is a game changer for log skidder and forwarder applications. The robust design allows tires to simply slide on and off the rim when mounting/dismounting without the need for specialized equipment. This not only saves time, but it also minimizes the risk of bead damage with no need to pry the tire off the rim. Additionally, aggressive knurling reduces the potential for tire indexing on the rim, helping to maximize tire life. To enhance productivity, the wheels allow for the use of tires with higher ply ratings, which results in increased load capacities and additional headroom per wheel. Combined, this equates to more payload.



- Easy mounting and dismounting of assemblies in the field.
- No more indexing and damage to tire beads when mounting.
- Application-specific configurations (32X27, 32X31) for log skidders and forwarders.

## 32X27

### 3-PIECE WHEELS



Wheel Size	Fits Tire Size	Diameter	Depth	Bolt Holes	Configuration	Make	Part Number
		IN (MM)	IN (MM)				
32 X 27	35.5L32	32 (812.8)	27 (685.8)	18	STANDARD	TIGERCAT	TBA
32 X 27	35.5L32	32 (812.8)	27 (685.8)	31	STANDARD	JOHN DEERE	TBA
32 X 27	35.5L32	32 (812.8)	27 (685.8)	24	STANDARD	WEILER	TBA

## 32X31

### 3-PIECE WHEELS



Wheel Size	Fits Tire Size	Diameter	Depth	Bolt Holes	Configuration	Make	Part Number
		IN (MM)	IN (MM)				
32 X 31	35.5L32	32 (812.8)	31 (787.4)	18	STANDARD	TIGERCAT	W3231DWM01
32 X 31	35.5L32	32 (812.8)	31 (787.4)	31	STANDARD	JOHN DEERE	W3231DWM02
32 X 31	35.5L32	32 (812.8)	31 (787.4)	24	STANDARD	WEILER	W3231DWM03





# Tubes

## TRANS AMERICAN RUBBER

We believe in good old-fashioned customer service and doing the right thing each and every day. We will provide you a quality product, fair prices, and personal customer service. All of our products are manufactured to the highest quality. Our goal is to continuously exceed your expectations.



## BUTYL RUBBER TUBES

OTR's TRANS AMERICAN RUBBER BUTYL tubes feature 100% butyl rubber for a premium tube solution. Tubes extend tire life, prevent air leakage, and add weight for improved traction. Butyl provides distinct advantages for forestry equipment:

- Improved shock absorption and ride comfort.
- Excellent weatherability; resistant to heat, moisture, and chemical attack.
- Durability; resistant to flexing, abrasion, and tearing.

Tube Size	Valve	Type	Box Quantity	Part Number
23.1R-26	TR-218A	RADIAL	2	6R22
28LR-26	TR-218A	RADIAL	1	6R34
24.5R-32	TR-218A	RADIAL	1	6R44
15.5R-38	TR-218A	RADIAL	3	6R55
20.8R-38	TR-218A	RADIAL	2	6R61
20.8R-34	TR-218A	RADIAL	2	6R64
30.5LR-32	TR-218A	RADIAL	1	6R67



## NATURAL RUBBER TUBES

OTR's TRANS AMERICAN RUBBER NATURAL RUBBER inner tubes are desirable for certain applications due to their inherent balance of physical properties essential for high-performance engineering applications. High strength, long fatigue life, excellent elasticity, and good temperature flexibility are just some of the attributes that end-users can expect.

Tube Size	Valve	Box Quantity	Part Number
23.1R-34	TR-218A	1	6R20NR
23.1LR-26	TR-218A	2	6R22NR
28LR-26	TR-218A	1	6R34NR
30.5LR-32	TR-218A	1	6R67NR
16.9/18.4R-26	TR-218A	3	6R32NR
16.9/18.4R-30	TR-218A	4	6R36NR
16.9/18.4R-34	TR-218A	3	6R48NR
24.5R-32	TR-218A	2	6R44NR
16.9R-38	TR-218A	3	6R58NR
18.4R-38	TR-218A	3	6R59NR

# SUPPLY CHAIN PROTECTION ISO-9001

The Customs-Trade Partnership Against Terrorism (C-TPAT) was created by U.S. Customs and Border Protection (CBP) as a voluntary program for companies that are involved in the global supply chain.

**As a C-TPAT partner, we do our part to alleviate supply chain disruption and reduce border delays.**



## FREQUENTLY ASKED QUESTIONS ABOUT C-TPAT CERTIFICATION:

- **Why does this matter to me?**  
Expedited port entry, more accurate delivery schedules, and protecting our borders. Being C-TPAT certified allows our shipping containers to bypass the security-related delays at the ports of entry. Our certification ensures that our supply chain is secure throughout; from the manufacturing facility, through the ports, and on to the final destination.
- **How much time can be saved by being C-TPAT certified?**  
There are many factors involved, but the government estimates that non-certified shipments are 3.5 times more likely to be delayed by security inspection. Also, should a C-TPAT certified shipment be randomly chosen for inspection, it is given priority status and is moved to the front of the existing queue for inspection.
- **Is C-TPAT certified easy?**  
Actually, it is a very comprehensive process that can take years to complete. There are a series of site visits throughout the supply chain, reference checks, paperwork, fees, and even a personal interview. C-TPAT certified companies must permanently adhere to strict policies in order to maintain certification.



## ISO CERTIFICATION

The International Organization for Standardization (ISO) helps to set global standards of excellence for both quality and management systems. Certified companies must undergo rigorous inspections and evaluations to ensure that they adhere to the highest standards.

### ISO BENEFITS:

- Consistent product quality.
- Standardized production and record keeping.
- Product dependability.
- Enhanced customer satisfaction.

## CONTACT INFORMATION

**OEM Inquiries:** Contact your local OTR salesperson or email [sales@otrwheel.com](mailto:sales@otrwheel.com)

**Aftermarket Inquiries:** Contact your local OTR salesperson or call 800-833-6309 (east of the Mississippi River) or 888-455-4910 (west of the Mississippi).

**Trans American Rubber Tubes, Flaps, or Accessories:** Call 800-922-8823 for additional information.

## WARRANTY INFORMATION

OTR provides limited warranty coverage for tires, wheels, tracks, and other items in the event of defects in workmanship. You may request a copy of our policy by emailing us at [sales@otrwheel.com](mailto:sales@otrwheel.com).

Note that OTR has designated select dealers and distributors to assist with warranty repairs. Contact OTR for more information.

## CATALOG DISCLAIMER

Product specifications and information were correct as of the date of this catalog release, but are subject to change without notice or obligation. Every effort has been made to ensure the accuracy of this catalog. Consult with your salesperson if you wish to verify data is correct.

## ISO 9001: 2015 CERTIFICATION

OTR facilities are ISO 9001: 2015 registered (except for new locations where certifications are in process). ISO ensures consistent product quality, standardization, documentation, and compliance with OEM requirements.

## REACH COMPLIANCE

OTR's custom tires for OEMs can be designed with REACH compliance. Consult with your salesperson as needed.

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*Engineered Solutions*

OTR's Commitment:

### SOLUTIONS

*OTR doesn't just sell tires and wheels, we diagnose problems and provide solutions.*

### VALUE

*OTR optimizes ROI with high performance & value-added services to deliver results.*

### INNOVATION

*OTR has a passion for innovating solutions that exceed customer expectations.*

### PARTNERSHIP

*We're not just a vendor, we're a long-term partner who will support your business.*

**+1.800.833.6309**

[www.otrwheel.com](http://www.otrwheel.com)



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