

# 2019 Construction Line Intelligent Tires & Retreads

Improved Mileage & Traction // Self-Cleaning Tread Design // Maximum Retreadability // Improved Durability // Digital Monitoring-Enabled



# Building the Next Generation

## A Line of Intelligent Construction Tires & Retreads

**Constructed for Your Application.** Continental tires for Construction and On/Off Road use are designed for vocational applications such as utility trucks, concrete mixers, and dump trucks, etc., where they spend some time on the pavement but are also likely to encounter curbs, stones, debris, and tight turns. Our tires are optimized for durability and traction, as well as minimal stone retention and cut-and-tear resistance.

**Our Promise.** Our Generation 3 Construction Line is engineered specifically to meet the needs of the construction environment: improved mileage, even wear, minimal stone retention & drilling prevention, maximum retreadability, improved durability and improved safety. With new tires, retreads, digital solutions & services, Continental delivers the **Lowest Overall Driving Cost.**

**IMPORTANT NOTE:**  
Product details are subject to change. If the information you are looking for is not in this data guide, please visit [www.continental-truck.com](http://www.continental-truck.com) or contact your local sales representative for the most up to date information.



With more than 140 years of reliable history (1871), Continental is the second-largest automotive supplier and fourth-largest tire manufacturer in the world. Employing 49,000 engineers and 19,000 software engineers, Continental develops pioneering technologies to make your fleet safer, more efficient, and more connected. With innovative tire technology and digital fleet solutions to optimize your tire lifecycle management, you can count on Continental to recommend the best tires and solutions for your specific fleet needs. With Continental as your technology partner, the future starts earlier.

## Why Construction Tires?



**\$1.2 Trillion Industry**  
In the U.S. & contributes to 7% of Canada's Overall GDP.



**Expected 3.5% Compound Growth**  
Through 2022, after record-setting U.S. growth in 2017.



**1.4 Million Tires Shipped**  
Annually into the U.S. on/off-road application.



Conti HSC 3

With Matching ContiTread™



Conti HAC 3



Conti HDC 3

With Matching ContiTread™

Generation 3 Construction Tires come equipped with TPMS Sensors and pair with Continental Digital Solutions to provide:



Increased Mileage



Longer Tread Life



Longer Casing Life



Reduced Roadside Breakdowns

# Conti HSC 3

## Construction Steer/All-Position

### Applications

Construction, coal haulers, logging and other all-position service.

### Improvements

Replaces the HSC1 with mileage and durability improvement with more than 50% reduction in overall cuts (including cuts to the belt) than the HSC1.

### Competes With

- Michelin X Works Z
- Bridgestone M853
- Goodyear G751 MSA

### Wheel Position



3G Casing



With TPMS Sensor



Retread Available

## Product Data

**\*Please Note:** The new Conti HSC 3 replaces the HSC1 portfolio. Until the complete Conti HSC 3 Portfolio is available in 2020, certain sizes of the HSC1 identified in the chart below will remain in inventory.

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIMS)	MINIMUM DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION		
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LB	KG	LBS, PSI (KG, KPa)	LBS, PSI (KG, KPa)	
HSC 3	11R22.5	H	05652440000	24	68	19.6	498	41.7	1060	11.7	297	12.7	322	8.25, 750	12.5	318	496	308	137	62	6610, 120 (3000, 830)	6005, 120 (2725, 830)
	315/80R22.5	L	05654280000	24	68	19.8	504	42.8	1088	12.5	317	13.6	345	9.00, 8.25	13.8	351	470	292	159	72	10200, 130 (4625, 900)	9090, 130 (4125, 900)
	11R24.5	H	05652450000	24	68	20.6	523	43.9	1115	11.7	297	12.7	322	8.25, 750	12.5	318	472	293	142	64	7160, 120 (3250, 830)	6610, 120 (3000, 830)
HSC1*	12R22.5	H	05686550000	24	68	20.2	512	43.0	1092	11.4	290	12.1	306	9.00, 8.25	13.5	343	482	299	138	63	7390, 120 (3350, 830)	6780, 120 (3075, 830)
	12R24.5	H	05686560000	24	68	21.1	535	45.0	1142	11.4	290	12.6	319	9.00, 8.25	13.5	343	460	286	149	67	7830, 120 (3550, 830)	7160, 120 (3250, 830)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. \* - ECE Certified # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. 315/80R22.5 tires used on 8.25" rims are restricted to a maximum of 7610 lbs at 120 psi. Continental Tire the Americas, LLC reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.

## Features & Benefits



Aggressive on/off-road tread design with enhanced cap/base compounds for **improved mileage and traction.**



Built on the innovative Conti 3G Casing with **premium off-road belt package** for maximum retreadability and increased casing life.



**Self-cleaning tread design and groove geometry** reduces stone retention for enhanced retreadability.



**Maximum sidewall protection** for improved resistance against curbing, cuts and abrasions.



Embedded with **TPMS Active Sensor Technology.**

### Matching Retread Available



### ContiTread™ HSC 3

WIDTH (MM)	ARTICLE NUMBER	TREAD DEPTH
210	18215050000	24/32"
220	18215060000	24/32"
230	18215070000	24/32"
240	18215080000	24/32"

In addition to the benefits of the New Tire product, the retread features a **rounded closed shoulder design to improve wear and optimize durability** in multi-axle positions.

# Conti HAC 3

## Construction All-Position

### Applications

Wide base, all-position fitment for on/off-road, mixed service applications such as cement mixers.

### Improvements

Replaces the HTC1 with mileage and durability improvement.

### Competes With

- Michelin XZY3
- Bridgestone M854
- Goodyear G296 MSA

### Wheel Position



With TPMS Sensor

## Product Data

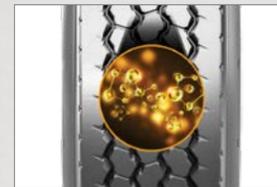
**\*Please Note:** The new Conti HAC 3 replaces the HTC1 portfolio. Until the complete Conti HAC 3 Portfolio is available in 2020, certain sizes of the HTC1 identified in the chart below will remain in inventory.

	TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIMS)	MINIMUM DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
						IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LB	KG	LBS, PSI (KG, KPa)	LBS, PSI (KG, KPa)
HAC 3	385/65R225	L	05652000000	22	68	196	498	42.0	1067	14.8	376	15.9	404	1175, 1225	N/A	N/A	480	298	169	77	9920, 130 (4500, 900)	N/A
	425/65R225	L	05652010000	24	68	208	529	44.8	1138	16.6	421	17.9	454	13.00, 12.25, 14.00	N/A	N/A	493	306	185	84	11400, 120 (5150, 830)	N/A
HTC1*	445/65R225	L	05350190000	22	68	209	530	45.2	1148	17.4	441	18.6	472	13.00, 14.00	N/A	N/A	462	287	210	95	12800, 130 (5800, 900)	N/A

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. \* - ECE Certified # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.

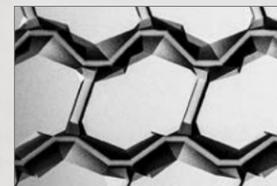
## Features & Benefits



Aggressive on/off-road tread design with enhanced cap/base compounds for **improved mileage and traction.**



**Rugged 4-belt tread package** resists impacts, bruises and penetrations for improved casing durability.



**Self-cleaning tread design and groove geometry** reduces stone retention for enhanced retreadability.



**Increased sidewall gauge** for improved resistance against curbing, cuts and abrasions.



Embedded with **TPMS Active Sensor** Technology.

All Generation 3 Construction Tires Come Equipped with TPMS Sensors and ready to pair with any of Continental's Digital Solutions.



# Conti HDC 3

## Construction Drive

### Applications

Construction, coal haulers, logging, waste haulers and other on/off-road service.

### Improvements

Replaces the HDC1 with a wider footprint and a longer-lasting open shoulder design to deliver improved lateral traction throughout tire life.

### Competes With

- Michelin X Works XDY
- Bridgestone M799
- Goodyear G282 MSD

### Wheel Position



3G Casing



With TPMS Sensor



Retread Available

## Product Data

*\*Please Note: The new Conti HDC 3 replaces the HDC1 portfolio.*

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MINIMUM DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LB	KG	LBS, PSI (KG, KPa)	LBS, PSI (KG, KPa)
11R22.5	H	05652410000	30	68	19.9	504	42.1	1069	11.7	298	12.7	322	8.25, 750	12.5	318	492	306	145	66	6610, 120 (3000, 830)	6005, 120 (2725, 830)
11R24.5	H	05652430000	30	68	20.7	526	44.1	1120	11.7	298	12.7	322	8.25, 750	12.5	318	469	292	153	70	7160, 120 (3250, 830)	6610, 120 (3000, 830)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. \* - ECE Certified # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 01 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.

## Features & Benefits



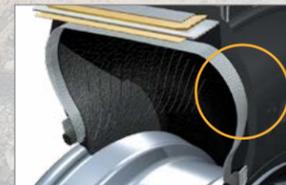
Wide, aggressive open shoulder tread design with enhanced cap/base compounds for **improved mileage and traction.**



**Diamond shaped lugs** and optimal void volume for excellent traction.



**Self-cleaning tread design** and **miniature stone bumpers** reduce stone retention for enhanced retreadability.



**Maximum sidewall protection** for improved resistance against curbing, cuts and abrasions.



Embedded with **TPMS Active Sensor Technology.**

### Matching Retread Available



ContiTread™ HDC 3		
WIDTH (MM)	ARTICLE NUMBER	TREAD DEPTH
210	18215090000	28/32"
220	18215100000	28/32"
230	18215110000	28/32"
240	18215120000	28/32"
250	18215130000	28/32"

In addition to the benefits of the New Tire product, the retread features an **open shoulder tread design for use in mud, gravel and dirt.**

# An Intelligent Tire

## Digital Solutions Meet Construction

- Increased Mileage
- Longer Tread Life
- Longer Casing Life
- Reduced Roadside Breakdowns

### All Generation 3 Construction Tires Come Equipped with TPMS Sensors

Digital tire monitoring is a logical choice for many fleets in the construction industry. Constant exposure to hazards and punctures, coupled with working under heavy loads, makes it essential for fleets to monitor tire pressure in order to get the maximum life from a tire and casing. Continental's digital solutions help prevent tire damage; improve retreadability by protecting the casing; and reduce breakdowns.

Since the tires come pre-equipped with sensors, the only cost to the fleet is to add a receiver solution, such as **ContiConnect®** or **ContiPressureCheck®**. This allows fleets to monitor their tire data and improve tire runout.

Studies show that properly inflated tires can reduce total tire-related costs by \$600 to \$800 annually per vehicle.

Invest in tire pressure monitoring by adding Continental receiver solutions to your fleet like the ones below:



### ContiConnect® Yard Reader | Digital Tire Monitoring with Web Portal

- Mounted in the fleet terminal and reads sensors in a 65-foot radius\*
- Mobile-friendly web portal displays tire data for all vehicles
- Text and email notifications can alert fleet personnel if an issue is detected
- Ideal for vehicles that return to the fleet yard daily or multiple times per week

\*Operating radius may be affected by various factors including obstructions.

### ContiPressureCheck® On-Vehicle TPMS



### ContiPressureCheck® Solo TPMS for Trailers



### ContiPressureCheck® Integrated Remote Tire Monitoring



To learn more about Continental's complete line of Digital Solutions offerings, visit [www.continental-truck.com](http://www.continental-truck.com).

### Benefits of the Intelligent Tire

- Accurate, real-time tire pressure and temperature readings.
- Pre-equipped TPMS Sensor lasts 6 years / 400,000 miles to minimize disruptions.
- Sensor provides true casing temperature allowing preventive actions that make your tire last longer.
- Avoids valve damage and air leaks by mounting on the inner liner.

Imagery featured above depicts the ContiConnect® Yard Reader Solution.

Continental Tire the Americas, LLC  
1830 MacMillan Park Drive  
Fort Mill, SC 29707  
Phone: 704-583-3900  
www.continental-truck.com

Continental Tire Canada, Inc.  
6110 Cantay Road  
Mississauga, ON L5R 3W5  
Phone: 905-568-1303

 @ContiTruckTires

INSIDE SALES / U.S.  
800-450-4028 East  
800-450-3187 West

INSIDE SALES / Canada  
800-461-9681 English  
800-361-2844 French

Original Equipment Sales  
800-776-2022

Commercial Specialty Tires  
877-235-0102

Technical Customer Services & Warranty  
800-726-7113



**Continental** 