

Continental 
The Future in Motion



More load. More volume. More value.

Truck Tyres **Construction**

HSC 1 / HDC 1 / HTC 1

Durability, high mileage, long service life – three features that now take you even further. Developed for mixed applications, these tyres set new benchmarks in terms of tread pattern, compound and design. All in all, this means increased resistance to the extreme demands made by construction sites, plus enhanced economy of your vehicles.



HSC 1

HDC 1

HTC 1

HSC 1 / HDC 1 / HTC 1

Extreme challenges call for extreme durability.



The tread area



The toughness of the new on-/off-road compound

- › means increased resistance to cuts, chipping and chunking
- › reduces the number, and most importantly the depth of any cuts and tears
- › improves protection of the casing by keeping damage superficial
- › results in substantially higher removal mileage, thanks to its great durability

The belt layer



The four-ply belt with a reinforced second and third belt ply

- › withstands highly concentrated pressure
- › prevents fatigue fractures
- › means enhanced traction characteristics through the stiffness of the overall structure
- › protects the casing effectively and offers best retreadability

The tread patterns



Greater depth, more volume and an optimised design

- › result in considerably higher mileage with even wear
- › ensure reliable grip and good handling both on and off the road
- › improve the tyre's self-cleaning characteristics and reduce stone-trapping (casing protection)
- › combine high mileage with significant traction and optimum road suitability, whatever the weather conditions

The contour



The contour with its steeper sidewalls is dimensionally more stable and

- › provides greater resistance to deformation caused by radial forces
- › minimises compression of the sidewalls, even with heavier loads
- › counteracts premature material fatigue
- › means greater load-carrying capacity and improved retreadability



For fast progress. Whatever the terrain.

By focusing on a specific goal, progress is made by consistently surpassing previous achievements. Here our aim is the same as yours - the ideal tyre, both in terms of function and economy. The way to achieve this is via the highly successful Construction+ range, which has undergone further improvements. And here is how we have met the challenge:



HSC 1

A 3- and 4-groove tread pattern for enhanced precision in both on- and off-road applications.



HDC 1

Advanced tread pattern developed for further improved traction.



HTC 1

Optimised tyre design preserving the value of the casing, reduced stone trapping characteristics.



“This tyre was developed by Continental exactly for our mixed application needs. The new HSC 1 385/65 R 22.5 convinced us with very good handling combined with excellent traction.”

Werner Speer
Head of Purchasing
DFA Transport und Logistik GmbH, Germany

Our concept for your lowest overall driving costs.

We know that cost efficiency is the key. And this is precisely why Continental Truck Tyres pay in the long-term, as their performance benefits extend beyond a tyre's normal lifespan to be repeated again and again, thanks to the ContiLifeCycle.

The durability of Continental Truck Tyres begins with the new tyre and is considerably extended by options including professional regrooving, intelligent casing management (ContiCasingManagement) and our premium retread. The mutually harmonised components of the ContiLifeCycle make a considerable contribution to the reduction of tyre costs and thus achieving the lowest overall driving costs.



New Continental tyres
They are long-lasting, fuel-saving, retreadable and a key cornerstone for the lowest overall driving costs.



Regrooving
Provides tyres with up to 25 percent extra mileage and saves fuel through lower rolling resistance.



Retreading
The cost-effective, eco-friendly and premium quality solution to prolong the life of your Continental tyres.



Casing management
ContiCasingManagement turns intact Continental casings into cash, managed comfortably through the online ContiCasingBank.



Technical data and air pressure recommendations

Tyre size	Operating code					EU tyre label			Rim		Tyre dimensions						Load capacity (kg) per axle at tyre pressure ⁶⁾ (bar) (psi)							
	Pattern	LI/SI ¹⁾	PR	M+S	Speed Index and reference speed (km/h)	TT/TL ²⁾	C ³⁾	C ⁴⁾	76 ⁵⁾	Rim-width	Min. distance between rim centres	Max. standard value in service		Actual value		Stat. radius		Rolling circumference	Tyre fit-ment	LI ¹⁾	7.5 (109)	8.0 (116)	8.5 (123)	9.0 (131)
												Width	Outer-Ø	Width + 1 %	Outer-Ø ± 1 %	± 1.5 %	± 2 %							
385/65 R 22.5	HSC 1 XL	164/ - K		M+S	K 110	TL	C	C	73	11.75 12.25		405 410	1092	389 394	1072	495	3250	164 160	S S	8640 7775	9100 8190	9550 8595	10000 9000	
	HSC 1	160/ - K		M+S	K 110	TL	C	C	73															
	HTC 1	160/ - K		M+S	K 110	TL	D	C	73															
	HTC 1 ContiRe	160/ - K		M+S	K 110	TL	-	-	-															
445/65 R 22.5	HTC 1	169/ - K	20	M+S	K 110	TL	C	C	76	13.00 14.00		472 482	1174	454 464	1150	524	3485	169	S	10025	10555	11080	11600	
295/80 R 22.5	HSC 1	152/148 K		M+S	K 110	TL	D	C	73	8.25 9.00	326 335	302 310	1062	290 298	1044	487	3185	152 148	S D	6420 11395	6760 12000	7100 12600		
	HDC 1	152/148 K		M+S	K 110	TL	D	C	74															
315/80 R 22.5	HSC 1	156/150 K	18	M+S	K 110	TL	D	C	73	9.00 9.75	351 360	318 326	1096	312 320	1076	500	3280	156 150	S D	6910 12120	7280 12765	7640 13400	8000	
	HSC 1 ContiRe	156/150 K		M+S	K 110	TL	-	-	-															
	HDC 1 ContiRe	156/150 K		M+S	K 110	TL	-	-	-															
11 R 22.5	HSC 1	148/145 K	16	M+S	K 110	TL	E	C	73	7.50 8.25	305 314	282 290	1070	271 279	1050	489	3200	148 145	S D	5695 10490	6000 11050	6300 11600		
12 R 22.5	HSC 1	152/148 K		M+S	K 110	TL	D	C	73	8.25 9.00	329 338	304 312	1104	292 300	1084	504	3306	152 148	S D	6420 11395	6760 12000	7100 12600		
	HDC 1	152/148 K		M+S	K 110	TL	E	C	74															
13 R 22.5	HSC 1	156/150 K	18	M+S	K 110	TL	D	C	73	9.00 9.75	351 360	318 326	1146	312 320	1124	521	3428	156 154 150	S S D	6910 6785 12120	7280 7140 12765	7640 7500 13400	8000	
	HDC 1	156/150 K	18	M+S	K 110	TL	E	C	74															
	HDC 1 ContiRe	154/150 K (156/150 G)	18	M+S	K 110 (G 90)	TL	-	-	-															
325/95 R 24 (12.00 R 24)	HSC 1	162/160 K	20	M+S	K 110	TT	D	C	73	8.50 9.00 10.00	368 374 386	332	1252	325	1228			162 160	S D	8590 16280	9050 17145	9500 18000		
	HDC 1	162/160 K	20	M+S	K 110	TT	C	C	74															

Data acc. to DIN 7805/4, WdK-Guidelines 134/2, 142/2, 143/14, 143/25

1) Load index single/dual wheel fitment and speed symbol

2) TT = Tube Type, TL = Tubeless

3) Fuel efficiency

4) Wet grip

5) External rolling noise (db)

6) For tyre pressures of 8.0 bar (116 psi) or greater, use valve slit cover plate

6B64K.uk 2013.12

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