

WINDFORCE

TBR TIRES

***ENJOY YOUR TRIPS WITH
WINDFORCE TYRES***



CATALOGUE 2020

WINDFORCE

TBR TIRES

WINDFORCE company was established in 2012, with unremitting team efforts and innovation, WindForce owns complete Car tyres with around 1200 sizes, include: PCR, HP, SUV, 4*4, COMMERCIAL, LTR, WINTER TYRES, ALL SEASON TYRES, RACING TIRES.

WindForce also have full TBR ranges with more than 120 sizes, include trailer, sterr, all position and drive pattern.

In accordance with the strategic target of creating the world first class tire brand, WindForce has successfully botained ISO9001, China CCC, US DOT, EU E-MARK, EU Regulation 117, Saudi Arabia SASO, Nigeria SONCAP, Uruguay LATU, India BIS, Brazil INMENTRO, etc....

Spiriting of "customer first, honesty first" principle, with dedicated sales and production teams, with convenient superior geographical position----Good harbor, WindForce tyres are selling all over the world!

No adventure without risk, no driving without safeguarding.
On the future way, you and WINDFORCE

PATTERN SUMMARY



WD2000

WD2020

WD2062+

WD3080

**LONG
HAUL**



WH1000

WH1020

WH1022

WH3060



WD2020

WD2068

WD2060

WD2048

REGIONAL



WA1060

WA1068

WA1088

WA1062+



WA1060

WA1062+

WA1068

WA1066

ON & OFF



WD2066

WT3030

WD2088

WD2068



HEAVY TRUCK
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HEAVY TRUCK
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WH1000



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Trailer Wheel for long distance, also can be used on Steer Wheel.
- Suitable for high speed on good road surface application, with excellent anti-wet property and side-slip resistance.
- Longer mileage, Lower noise, Lower rolling resistance.

22.5-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
H1000R01	11R22.5 148/145M	16	13.0 16.4	8.25	TL	Trailer	Highway	-	-	-	-	-
H1000R06	295/75R22.5 146/143M	16	11.0 14.0	9.00	TL	Trailer	Highway	-	-	-	-	-
H1000R04	11R24.5 149/146M	16	11.0 14.0	8.25	TL	Trailer	Highway	-	-	-	-	-
H1000R11	285/75R24.5 147/144M	16	11.0 14.0	8.25	TL	Trailer	Highway	-	-	-	-	-
H1000R07	295/80R22.5 152/149M	18	14.5 18.4	9.00	TL	Trailer	Highway	-	-	-	-	-
H1000R09	315/80R22.5 156/150M	20	14.5 18.4	9.00	TL	Trailer	Highway	-	-	-	-	-
H1000R08	12R22.5 152/149M	18	14.5 18.4	9.00	TL	Trailer	Highway	-	-	-	-	-
H1000R12	*255/70R22.5 140/137M	16	11.0 14.0	7.50	TL	Trailer	Highway	-	-	-	-	-

* New Developing Sizes.
The labelling information is subjet to change without notice.



WH1020



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Steer Wheel for long distance, also can be used on Trailer Wheel.
- Suitable for high speed on good road surface application, with excellent durability, anti-side wear performance.
- Longer mileage, Lower noise, Good stone-picking prevention.

M+S 17.5-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
H1020R26	*8.5R17.5 121/120L	16	12.0 15.0	6.00	TL	All	Highway	-	-	-	-	-
H1020R27	*9.5R17.5 131/129L	16	12.5 15.8	6.75	TL	All	Highway	-	-	-	-	-
H1020R02	215/75R17.5 127/124M	16	12.0 15.0	6.00	TL	All	Highway	D	B		72	
H1020R03	*225/75R17.5 129/127M	16	12.0 15.0	6.75	TL	All	Highway	D	B		72	
H1020R04	235/75R17.5 132/130M	16	12.5 15.8	6.75	TL	All	Highway	D	B		72	
H1020R05	*245/70R17.5 136/134M	16	12.5 15.8	7.50	TL	All	Highway	D	B		72	
H1020R06	225/70R19.5 128/126M	14	12.5 15.5	6.75	TL	All	Highway	D	B		72	
H1020R07	245/70R19.5 136/134M	16	12.5 15.8	7.50	TL	All	Highway	D	B		72	
H1020R01	255/70R22.5 140/137M	16	13.0 16.0	7.50	TL	All	Highway	D	B		72	
H1020R08	265/70R19.5 140/138M	16	12.5 15.8	7.50	TL	All	Highway	D	B		72	
H1020R09	285/70R19.5 146/144M	16	13.0 16.0	8.25	TL	All	Highway	D	B		72	
H1020R25	11R22.5 148/145M	16	14.5 18.4	8.25	TL	All	Highway	D	B		72	
H1020R14	295/75R22.5 146/143M	16	15.5 19.6	9.00	TL	All	Highway	D	B		72	
H1020R22	11R24.5 149/146M	16	14.5 18.4	8.25	TL	All	Highway	-	-	-	-	-
H1020R24	285/75R24.5 147/144M	16	15.5 19.6	8.25	TL	All	Highway	-	-	-	-	-
H1020R10	275/70R22.5 148/145M	16	14.5 18.4	8.25	TL	All	Highway	D	B		72	
H1020R15	295/80R22.5 152/149M	18	15.5 19.6	9.00	TL	All	Highway	D	B		73	
H1020R17	315/70R22.5 154/150M	20	15.0 19.0	9.00	TL	All	Highway	D	B		73	
H1020R18	315/80R22.5 156/150M	20	15.5 19.6	9.00	TL	All	Highway	D	B		73	
H1020R16	12R22.5 152/149M	18	15.5 19.6	9.00	TL	All	Highway	D	B		73	
H1020R19	385/55R22.5 160L	20	15.5 19.6	12.25	TL	All	Highway	D	B		73	
H1020R20	385/65R22.5 160L	20	15.5 19.6	11.75	TL	All	Highway	D	B		73	

* New Developing Sizes.The labelling information is subjet to change without notice.



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WH1022



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Steer Wheel for long distance, also can be used on Trailer Wheel.
- Suitable for high speed on good road surface application, with excellent durability, anti-side wear performance.
- Longer mileage, Lower noise, Good stone-picking prevention.

M+S 17.5-22.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
H1022R01	315/80R22.5 156/150M	20	15.0 19.0	9.00	TL	ALL	Highway	-	-	-	-
H1022R03	12R22.5 152/149L	18	15.0 19.0	9.00	TL	ALL	Highway	-	-	-	-
H1022R02	9.5R17.5 143/141J	18	13.0 16.4	6.75	TL	ALL	Highway	-	-	-	-



WA1060



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: All Position Wheels for On/Off use.
- Mixed pattern, Suitable for mixed road surface and relatively poor road condition with sideslip resistance.
- Excellent crack & tear resistance, High speed, Long mileage.

M+S 16-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
A1060R01	11R22.5 148/145M	16	14.5 18.4	8.25	TL	ALL	On/Off	-	-	-	-
A1060R02	11R24.5 149/146M	16	14.5 18.4	8.25	TL	ALL	On/Off	-	-	-	-
A1060R11	295/80R22.5 152/149M	18	15.0 19.0	9.00	TL	ALL	On/Off	C	D		74
A1060R04	315/80R22.5 156/150M	20	15.0 19.0	9.00	TL	ALL	On/Off	C	D		74
A1060R03	12R22.5 152/149M	18	15.0 19.0	9.00	TL	ALL	On/Off	C	D		74
A1060R05	13R22.5 156/150L	20	15.0 19.0	9.75	TL	ALL	On/Off	C	D		74
A1060R15	7.00R16LT 118/114L	14	12.0 15.0	5.50	TT	ALL	On/Off	-	-	-	-
A1060R13	7.50R16LT 122/118L	14	13.0 16.4	6.50	TT	ALL	On/Off	-	-	-	-
A1060R14	8.25R16LT 128/124K	16	13.0 16.4	6.50	TT	ALL	On/Off	-	-	-	-
A1060R06	9.00R20 144/142K	16	15.5 19.6	7.00	TT	ALL	On/Off	-	-	-	-
A1060R07	10.00R20 149/146K	18	16.0 20.2	7.50	TT	ALL	On/Off	-	-	-	-
A1060R08	11.00R20 152/149K	18	16.0 20.2	8.00	TT	ALL	On/Off	-	-	-	-
A1060R09	12.00R20 156/153K	20	16.0 20.2	8.50	TT	ALL	On/Off	-	-	-	-
A1060R10	12.00R24 160/157K	20	15.0 20.2	8.50	TT	ALL	On/Off	-	-	-	-



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WA1062+



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: All Position Wheels for long mileage load series.
- New designed pattern, Suitable for well paved road condition with excellent durability.
- Standard load, Low heat build-up, High speed.

M+S 24 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
D2040R01+	12.00R24 160/157K	20	16.0 20.8	8.50	TT	ALL	On/Off	-	-	-	-



WA1066



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: All Position Wheels for On/Off use.
- Mixed pattern, Suitable for mixed road surface and relatively poor road condition with high loading capability.
- Excellent crack & tear resistance, Good anti-uneven wear character.

M+S 20-24 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
A1066R03	9.00R20 144/142K	16	15.5 19.6	7.00	TT	ALL	On/Off	-	-	-	-
A1066R04	10.00R20 149/146K	18	16.0 20.2	7.50	TT	ALL	On/Off	-	-	-	-
A1066R01	11.00R20 152/149K	18	16.0 20.2	8.00	TT	ALL	On/Off	-	-	-	-
A1066R02	12.00R20 156/153K	20	16.0 20.2	8.50	TT	ALL	On/Off	-	-	-	-



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WA1068



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: All Position Wheels for long mileage load series.
- New designed pattern, Suitable for well paved road condition with excellent durability.
- Standard load, Low heat build-up, High speed.

M+S

24 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				dB
A1068R01	12.00R24 160/157K	20	16.0 20.2	8.50	TT	ALL	On/Off	-	-	-	-



WA1088



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Steer Wheel for long distance, also can be used as All Position pattern.
- New designed pattern, Suitable for well paved road condition with high speed level and excellent durability.
- Heavy loading capacity, Low heat build-up, High speed and Low noise.

M+S

20 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				dB
A1088R03	11.00R20 152/149K	18	16.5 20.8	8.00	TT	All	Highway	-	-	-	-



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WD2000



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for medium mileage loading series.
- Close Shoulder designs, the block pattern offer excellent drive force and good braking performance on paved road condition.
- Excellent load capability, Longer mileage, Super Durability.

M+S 22.5-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
D2000R02	11R22.5 148/145M	16	20.0 25.2	8.25	TL	Drive	Highway	-	-	-	-	-
D2000R06	295/75R22.5 146/143K	16	20.0 25.2	9.00	TL	Drive	Highway	-	-	-	-	-
D2000R04	11R24.5 149/146K	16	20.0 25.2	8.25	TL	Drive	Highway	-	-	-	-	-
D2000R08	285/75R24.5 147/144L	16	20.0 25.2	8.25	TL	Drive	Highway	-	-	-	-	-



WD2020



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for medium mileage load series.
- Open Shoulder designs, the block pattern offer excellent drive force and anti-peeling performance on paved and unpaved roads.
- Excellent load capability, Longer mileage, Super Durability.

M+S 17.5-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
D2020R26	*8.5R17.5 121/120L	16	15.0 19.0	6.00	TL	Drive	Highway	-	-	-	-	-
D2020R27	9.5R17.5 131/129L	16	15.0 19.0	6.75	TL	Drive	Highway	-	-	-	-	-
D2020R02	215/75R17.5 127/124M	16	15.0 19.0	6.00	TL	Drive	Highway	D	C		74	
D2020R03	*225/75R17.5 129/127M	16	15.0 19.0	6.75	TL	Drive	Highway	D	C		74	
D2020R04	235/75R17.5 132/130M	16	15.5 19.6	6.75	TL	Drive	Highway	D	C		74	
D2020R05	*245/70R17.5 136/134M	16	15.5 19.6	7.50	TL	Drive	Highway	D	C		74	
D2020R06	225/70R19.5 128/126M	14	15.5 19.6	6.75	TL	Drive	Highway	D	C		74	
D2020R07	245/70R19.5 136/134M	16	15.5 19.6	7.50	TL	Drive	Highway	D	C		74	
D2020R08	265/70R19.5 140/138M	16	15.5 19.6	7.50	TL	Drive	Highway	D	C		74	
D2020T09	285/70R19.5 146/144M	16	16.0 20.0	8.25	TL	Drive	Highway	D	C		74	
D2020R12	11R22.5 148/145M	16	20.0 25.2	8.25	TL	Drive	Highway	D	C		74	
D2020R14	*295/75R22.5 146/143K	16	20.0 25.2	9.00	TL	Drive	Highway	D	C		75	
D2020R22	11R24.5 149/146K	16	20.0 25.2	8.25	TL	Drive	Highway	-	-	-	-	-
D2020R23	*285/75R24.5 147/144K	16	20.0 25.2	8.25	TL	Drive	Highway	-	-	-	-	-
D2020R10	275/70R22.5 148/145M	16	18.0 22.8	8.25	TL	Drive	Highway	D	C		74	
D2020R15	295/80R22.5 152/149M	18	20.0 25.2	9.00	TL	Drive	Highway	D	C		75	
D2020R17	315/70R22.5 154/150M	20	20.0 25.2	9.00	TL	Drive	Highway	D	C		75	
D2020R18	315/80R22.5 156/150M	20	20.0 25.2	9.00	TL	Drive	Highway	D	C		75	
D2020R16	12R22.5 152/149M	18	20.0 25.2	9.00	TL	Drive	Highway	D	C		75	
D2020R20	10.00R20 149/146K	18	20.0 25.2	7.50	TT	Drive	Highway	D	C		75	

* New Developing Sizes. The labelling information is subject to change without notice.



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WD2040



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for short distance on/off road use.
- Suitable for low or middle speed ride on/off road condition, with powerful grip and high loading ability.
- Longer Mileage, Strong Structure, Good anti-wear performance.

M+S

20 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
D2040R01	10.00R20 149/146K	18	20.0 25.2	7.50	TT	Drive	On/Off	-	-	-	-



WD2048



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for short distance on/off road use.
- Suitable for low or middle speed ride on/off road condition, with powerful grip and high loading ability.
- Longer Mileage, Strong Structure, Good anti-wear performance.

M+S

17.5-22.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
D2048R02	315/80R22.5 156/150K	20	20.0 25.2	9.00	TL	Drive	On/Off	-	-	-	-
D2048R01	12R22.5 152/149L	18	20.0 25.2	9.00	TL	Drive	On/Off	-	-	-	-



HEAVY TRUCK
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WD2060



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for On/Off Road use.
- Suitable for mix road use and relatively poor road condition with excellent traction character.
- Excellent load capability, Longer mileage, Good anti-wearing.

M+S 22.5-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
D2060R01	11R22.5 148/145M	16	20.0 25.2	6.00	TL	Drive	On/Off	-	-	-	-	-
D2060R06	11R24.5 149/146K	16	20.0 25.2	6.75	TL	Drive	On/Off	-	-	-	-	-
D2060R02	295/80R22.5 152/149K	18	20.0 25.2	6.00	TL	Drive	On/Off	D	D			75
D2060R04	315/80R22.5 156/150K	20	20.0 25.2	6.75	TL	Drive	On/Off	D	D			75
D2060R03	12R22.5 152/149K	18	20.0 25.2	6.75	TL	Drive	On/Off	D	D			75
D2060R05	13R22.5 156/150K	20	20.0 25.2	7.50	TL	Drive	On/Off	D	D			75



WD2062



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for medium mileage load series.
- Open Sahoulder designs, the block pattern offer excellent drive force and anti-peeling performance on paved and unpaved roads.
- Excellent load capability, Longer mileage, Super Durability.

M+S 16-24 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
D2062R07	7.00R16LT 118/114K	14	14.5 18.4	5.50	TT	Drive	On/Off	-	-	-	-	-
D2062R05	7.50R16LT 122/118K	14	14.5 18.4	6.50	TT	Drive	On/Off	-	-	-	-	-
D2062R06	8.25R16LT 128/124K	16	14.5 18.4	6.50	TT	Drive	On/Off	-	-	-	-	-
D2062R01	9.00R20 144/142J	16	18.0 22.8	7.00	TT	Drive	On/Off	-	-	-	-	-
D2062R02	10.00R20 149/146K	18	18.0 22.8	7.50	TT	Drive	On/Off	-	-	-	-	-



HEAVY TRUCK
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WD2062+



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for medium mileage load series.
- Open Sahoulder designs, the block pattern offer excellent drive force and anti-peeling performance on paved and unpaved roads.
- Excellent load capability, Longer mileage, Super Durability.

M+S 16-24 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					dB
D2062R03+	11.00R20 152/149K	18	18.5 23.4	8.00	TT	Drive	On/Off	-	-	-	-	-
D2060R04+	12.00R20 156/153K	20	19.5 24.6	8.50	TT	Drive	On/Off	-	-	-	-	-



WD2066



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for short distance on/off road use.
- Suitable for low or middle speed ride on/off road condition, with powerful grip and high loading ability.
- Longer Mileage, Strong Structure, Good anti-wear performance.

M+S 20-24 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					dB
D2066R01	11.00R20 152/149J	18	18.5 23.4	8.00	TT	Drive	On/Off	-	-	-	-	-
D2066R02	12.00R20 156/153J	20	19.5 24.6	8.50	TT	Drive	On/Off	-	-	-	-	-



HEAVY TRUCK
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WD2068



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for short distance on/off road use.
- Suitable for low or middle speed ride on/off road condition, with powerful grip and high loading ability.
- Longer Mileage, Strong Structure, Good anti-wear performance.

M+S 24 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
D2068R01	12.00R24 160/157K	20	16.0 20.8	8.50	TT	Drive	On/Off	-	-	-	-



WD2080

Standard Wheel Permitted Wheel Prohibited Wheel

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M+S 20 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
D2080R01	9.00R20 144/142G	16	20.0 25.2	7.0	TT	Drive	On/Off	-	-	-	-
D2080R02	10.00R20 149/146G	18	20.0 25.2	7.5	TT	Drive	On/Off	-	-	-	-
D2080R03	11.00R20 152/149G	18	21.0 26.5	8.0	TT	Drive	On/Off	-	-	-	-
D2080R04	12.00R20 156/153G	20	21.0 26.5	8.5	TT	Drive	On/Off	-	-	-	-



HEAVY TRUCK
WINDFORCE

HEAVY TRUCK
WINDFORCE



WD2088



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for short distance on/off road use.
- Suitable for low or middle speed ride on/off road condition, with powerful grip and high loading ability.
- Longer Mileage, Strong Structure, Good anti-wear performance.



WT3000



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Trailer Wheel for regional use.
- Suitable for high and medium speed on good road surface with excellent anti- skid-side character and drainage performance.
- Excellent loading capacity, Low rolling resistance, Low noise.

M+S 22.5-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application						
D208803	11R22.5 146/143K	16	22.0 27.8	8.25	TL	Drive	Off	-	-	-	-	-	-
D208809	*11R24.5 149/146G	16	22.0 27.8	8.25	TL	Drive	Off	-	-	-	-	-	-
D208804	295/80R22.5 152/149K	18	22.0 27.8	9.00	TL	Drive	Off	-	-	-	-	-	-
D208806	*315/80R22.5 156/150K	20	22.0 27.8	9.00	TL	Drive	Off	-	-	-	-	-	-
D208805	12R22.5 152/149G	18	22.0 27.8	9.00	TL	Drive	Off	-	-	-	-	-	-
D208807	13R22.5 156/150G	20	22.0 27.8	9.75	TL	Drive	Off	-	-	-	-	-	-
D2088R01	11.00R20 152/149G	18	21.0 26.4	8.00	TT	Drive	Off	-	-	-	-	-	-
D2088R02	12.00R20 156/153G	20	22.0 27.8	8.50	TT	Drive	Off	-	-	-	-	-	-
D2088R08	12.00R24 160/157G	20	22.0 27.8	8.50	TT	Drive	Off	-	-	-	-	-	-

* New Developing Sizes.
The labelling information is subjeti to change without notice.

M+S 17.5-24.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application						
T3000R03	215/75R17.5 135/133J	18	12.0 15.0	6.00	TL	Trailer	Highway	D	C			72	
T3000R04	235/75R17.5 143/141J	18	12.5 15.8	6.75	TL	Trailer	Highway	D	C			72	
T3000R06	225/70R19.5 128/126M	14	12.5 15.5	6.75	TL	Trailer	Highway	D	C			72	
T3000R07	245/70R19.5 136/134M	16	12.5 15.8	7.50	TL	Trailer	Highway	D	C			72	
T3000R08	265/70R19.5 143/141J	18	12.5 15.8	7.50	TL	Trailer	Highway	D	C			72	
T3000R09	285/70R19.5 150/148J	18	13.0 16.0	8.25	TL	Trailer	Highway	D	C			72	
T3000R10	275/70R22.5 148/145M	16	14.5 18.4	8.25	TL	Trailer	Highway	D	C			72	
T3000R02	385/55R22.5 160L	20	15.5 19.6	12.25	TL	Trailer	Highway	D	C			73	
T3000R03	385/65R22.5 160L	20	15.5 19.6	11.75	TL	Trailer	Highway	D	C			73	
T3000R11	*425/65R22.5 165K	20	15.5 19.6	13.00	TL	Trailer	Highway	D	C			73	
T3000R12	445/65R22.5 169K	20	16.0 20.2	13.00	TL	Trailer	Highway	D	C			73	

* New Developing Sizes.
The labelling information is subjeti to change without notice.



HEAVY TRUCK
WINDFORCE

HEAVY TRUCK
WINDFORCE



WT3020



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Trailer Wheel for regional use.
- Suitable for high speed on paved road surface with excellent anti-skid-side character and durability performance.
- Excellent loading capacity, Low rolling resistance, Low noise.

M+S 22.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
T3020R01	385/65R22.5 160L	20	15.5 19.6	11.75	TL	Trailer	Highway	-	-	-	-
T3020R02	*425/65R22.5 165K	20	15.5 19.6	13.00	TL	Trailer	Highway	-	-	-	-

* New Developing Sizes.
The labelling information is subjet to change without notice.



WT3030 NEW



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for On/Off Road use.
- Suitable for mix road use and relatively poor road condition with excellent traction character.
- Excellent load capability, Longer mileage, Good antiwearing.

M+S 22.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application				
T3030R01	385/55R22.5 160K	20	16.0 20.2	12.25	TL	All	On/Off	-	-	-	-
T3030R02	385/65R22.5 160K	20	16.0 20.2	11.75	TL	All	On/Off	-	-	-	-
T3030R03	*425/65R22.5 165K	20	16.0 20.2	13.00	TL	All	On/Off	-	-	-	-
T3030R04	445/65R22.5 169K	20	16.0 20.2	13.00	TL	All	On/Off	-	-	-	-

* New Developing Sizes.
The labelling information is subjet to change without notice.



HEAVY TRUCK
WINDFORCE

HEAVY TRUCK
WINDFORCE



WT3060 NEW



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Steer Wheel for long distance, also can be used as All Position pattern.
- New designed pattern, Suitable for well paved road condition with high speed level and excellent durability.
- Heavy loading capacity, Low heat build-up, High speed and Low noise.

M+S 17.5-22.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
H3060R01	*215/75R17.5 128/126M	16	12.0 15.0	6.00	TL	All	Highway	-	-	-	-	-
H3060R02	*225/75R17.5 129/127M	16	12.5 15.8	6.75	TL	All	Highway	-	-	-	-	-
H3060R03	*235/75R17.5 132/130M	16	12.5 15.8	6.75	TL	All	Highway	-	-	-	-	-
H3060R04	*245/70R17.5 136/134M	16	12.5 15.8	7.50	TL	All	Highway	-	-	-	-	-
H3060R05	*245/70R19.5 136/134M	16	12.5 15.8	7.50	TL	All	Highway	-	-	-	-	-
H3060R06	*265/70R19.5 140/138M	16	12.5 15.8	7.50	TL	All	Highway	-	-	-	-	-
H3060R07	*285/70R19.5 146/144M	16	13.0 16.4	8.25	TL	All	Highway	-	-	-	-	-
H3060R08	*305/70R19.5 148/145M	16	14.0 17.6	9.00	TL	All	Highway	-	-	-	-	-
H3060R09	*11R22.5 148/145M	16	14.5 18.4	8.25	TL	All	Highway	-	-	-	-	-
H3060R10	12R22.5 152/149M	18	15.0 19.0	9.00	TL	All	Highway	-	-	-	-	-
H3060R15	295/60R22.5 150/147M	18	15.0 19.0	9.00	TL	All	Highway	-	-	-	-	-
H3060R11	295/80R22.5 154/149M	18	15.5 19.6	9.00	TL	All	Highway	-	-	-	-	-
H3060R12	315/80R22.5 157/154M	20	15.0 19.0	9.00	TL	All	Highway	-	-	-	-	-
H3060R13	*315/70R22.5 156/150M	20	15.0 19.0	9.00	TL	All	Highway	-	-	-	-	-
H3060R14	*315/60R22.5 154/148M	18	15.0 19.0	9.00	TL	All	Highway	-	-	-	-	-

* New Developing Sizes.
The labelling information is subjet to change without notice.



WT3080 NEW



Standard Wheel Permitted Wheel Prohibited Wheel

- Application: Drive Wheel for medium mileage load series.
- Open Shoulder designs, the block pattern offer excellent drive force and anti-peeling performance on paved and unpaved roads.
- Excellent load capability, Longer mileage, Super Durability.

M+S 17.5-22.5 INCH

Item No.	Sizes Description	Ply Rating	Tread Depth MM 1/32"	Standard Rim	Tubeless/ Tube	Rim position	Application					
D3080R01	*215/75R17.5 128/126M	16	15.0 19.0	6.00	TL	Drive	Highway	-	-	-	-	-
D3080R02	*225/75R17.5 129/127M	16	15.5 19.6	6.75	TL	Drive	Highway	-	-	-	-	-
D3080R03	*235/75R17.5 132/130M	16	15.5 19.6	6.75	TL	Drive	Highway	-	-	-	-	-
D3080R04	*245/70R17.5 136/134M	16	15.5 19.6	7.50	TL	Drive	Highway	-	-	-	-	-
D3080R05	*245/70R19.5 136/134M	16	15.5 19.6	7.50	TL	Drive	Highway	-	-	-	-	-
D3080R06	*265/70R19.5 140/138M	16	15.5 19.6	7.50	TL	Drive	Highway	-	-	-	-	-
D3080R07	*285/70R19.5 146/144M	16	16.0 20.2	8.25	TL	Drive	Highway	-	-	-	-	-
D3080R08	*305/70R19.5 148/145M	16	18.0 22.8	9.00	TL	Drive	Highway	-	-	-	-	-
D3080R09	*11R22.5 148/145M	16	20.0 25.2	8.25	TL	Drive	Highway	-	-	-	-	-
D3080R10	12R22.5 152/149M	18	20.0 25.2	9.00	TL	Drive	Highway	-	-	-	-	-
D3080R15	295/60R22.5 150/147M	18	20.0 25.2	9.00	TL	Drive	Highway	-	-	-	-	-
D3080R11	295/80R22.5 154/149M	18	20.0 25.2	9.00	TL	Drive	Highway	-	-	-	-	-
D3080R12	315/80R22.5 157/154M	20	20.0 25.2	9.00	TL	Drive	Highway	-	-	-	-	-
D3080R13	*315/70R22.5 156/150M	20	20.0 25.2	9.00	TL	Drive	Highway	-	-	-	-	-
D3080R14	*315/60R22.5 154/148M	18	20.0 25.2	9.00	TL	Drive	Highway	-	-	-	-	-

* New Developing Sizes.
The labelling information is subjet to change without notice.

TBR Certificates

SMART-WAY<WH1020>

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

AUG - 3 2015

OFFICE OF
AIR AND RADIATION

Mr. Ran Wang
Shandong Haohua Tire Co., Ltd.
Dadi Road West, Xinhai Road North, Houzhen Industry Zone
Shouguang City Shandong Province
China

Dear Mr. Wang:

The U.S. Environmental Protection Agency (EPA) has reviewed Shandong Haohua Tire Co., Ltd.'s request for verification of the WINDFORCE WH1020 tire for use on line-haul class-8 tractor trailers. Based upon your application and data provided, you have demonstrated that the coefficient of rolling resistance of the subject tire meets the requirements of the SmartWay Technology Program. The subject tire achieves the appropriate target values for the axle positions indicated and can be considered a low rolling resistance tire. In prior testing, EPA has determined that certain low rolling resistance tire models when used on all five axles of line-haul class-8 tractor trailers can reduce NOx emissions and improve fuel consumption by over 3 percent. Based on our evaluation of your verification application and data provided, EPA hereby verifies that this product meets the low rolling resistance tire performance criteria for new tires.

The following product is approved as a Verified Low Rolling Resistance Tire in the SmartWay Technology Program:

Requestor: **Shandong Haohua Tire Co., Ltd.**
Tire Manufacturer: **Shandong Haohua Tire Co., Ltd.**
Tire Brand and Model: **WINDFORCE WH1020**
L.NAVIGATOR S201

Test Method: **ISO28580**
Axle Positions Qualifying for Verification: **Steer**

The following operating criteria must be met in order for trucks to achieve the aforementioned benefits:

1. Tires are used on the axle position(s) stated above on a line-haul class-8 tractor trailer.

2. Verified low rolling resistance tires must be installed on all axle positions of the tractor and trailer.
3. All tires must be properly inflated according to the manufacturer's specifications.

Information on the tires listed above will be posted on the EPA's Verified Technology List website at: <http://www.epa.gov/smartway/forpartners/technology.htm>. If the tire models listed above are modified from the application description provided to EPA and representative of products tested, you must notify EPA immediately. This verification does not automatically confer to modified tires that are similar to this original verification.

As a manufacturer of EPA SmartWay verified technologies, your organization plays a unique role in the SmartWay program. Shandong Haohua Tire Co., Ltd. produces the technologies that provide emissions reduction and fuel saving benefits when used properly in their designed applications. These technologies are used by SmartWay Partners and other businesses to help support their performance goals. The enclosed document contains communication guidelines for manufacturers of EPA SmartWay verified technologies. If you have questions regarding these policies, please consult the enclosed communications policy summary or you may contact Joann Jackson-Stephens directly at jackson-stephens.joann@epa.gov.

Thank you for participating in EPA's Technology Verification Program. If you have any questions or comments, please contact L. Joseph Bachman, of my staff, at 202-343-9373.

Sincerely,

Karl Simon, Director
Transportation and Climate Division
Office of Transportation and Air Quality

Enclosure

ECE <WH1020>

R117-Labeling



RDW

Vehicle Technology Division

THE NETHERLANDS
(N E D E R L A N D)

COMMUNICATION

Concerning⁽¹⁾:

- approval granted
- approval extended
- approval refused
- approval withdrawn
- production definitely discontinued

of a type of tyre with regard to 'rolling sound emission level' and/or 'adhesion performance on wet surfaces' and/or 'rolling resistance' pursuant to Regulation number 117.

Approval number: E4-117R-027485-S2WR2 Extension number: 00

1. Manufacturer's name and address(es) : SHANDONG HAOHUA TIRE Co., Ltd.
Dadi Road, West Xinhai Road North, Houzhen Industry zone, Shouguang city, Shandong Province, P.R.China
2. If applicable, name and address of manufacturer's representative : not applicable
3. 'Tyre class' and 'category of use' of the type of tyre : Class C4+Class C2+Class C3
normal/snow/special
4. Brand(s) name(s) and/or Trade description(s) of the type of tyre : WINDFORCE; LANVIGATOR; APLUS; WH1020
5. Technical service and, where appropriate, test laboratory approved for purposes of approval or of verification of conformity tests : TÜV NORD Mobilität GmbH & Co. KG
Institut für Fahrzeugtechnik und Mobilität
Adenau 7
D-45307 Essen

P.O. Box 777
2300 AZ Zoetermeer
The NetherlandsTel. : +31 (0)79 343 81 43
Fax : +31 (0)79 343 80 43
www.rdw.nl

Vehicle Approval and Information

Tyres-road noise-component R117-02 v5.01

Page 1 of 2



Approval number: E4-117R-027485-S2WR2

Extension number: 00

6. Performance(s) approved : sound level at (stage-4/stage 2)⁽²⁾; wet adhesion level/rolling resistance level (stage-4/stage 2)⁽²⁾
- 6.1. Sound level of the representative tyre size, as per item 1.6. of the test report in the appendix to Annex 3: 75⁽²⁾ dB(A) at reference speed of 70km/h⁽³⁾
- 6.2. Wet adhesion level of the representative tyre size, as per item 1.7. of the test report in the appendix to Annex 5: 1.16 (G) using the vehicle or trailer method⁽³⁾
- 6.3. Rolling resistance level of the representative tyre size, as per item 1.8. of the test report in the appendix to Annex 6: 4.69 NkN⁽²⁾
7. Number of report issued by that service : CS117-A0-2015-02887
8. Date of report issued by that service : September 01, 2015
9. Reason(s) of extension (if applicable) : Not applicable
10. Any remarks : ---
11. Place : Zoetermeer
12. Date : 10-SEP-2015
13. Signature :

Annexed to this communication are:

- 14.1. A list of documents in the approval file deposited at the Administration services having delivered the approval and which can be obtained upon request⁽⁴⁾.
- 14.2. A list of tread-pattern designations: Specify for each trademark or brand name and trade description the list of tyre size designations, adding in case of Class C1 tyres the mark 'reinforced' (or 'extra load') or the speed symbol of snow tyres or in the case of tyres of Classes C2 and C3, the mark 'traction', if so required by paragraph 3.1. of this Regulation.

⁽¹⁾ Strike out what does not apply.⁽²⁾ Note: See 'Tyre size list' to ensure the tyre performance are not all of the same stage level (Multi-stage tyre list). Stage level per tyre size is to be specified on the tyre size list.⁽³⁾ In the case of category of use 'snow' a test report according to appendix of Annex 7 shall be submitted.

Tyres-road noise-component R117-02 v5.01

Page 2 of 2

SMART-WAY<WD2000>

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

OCT / 2015

OFFICE OF
AIR AND RADIATION

Mr. Ran Wang
Shandong Haohua Tire Co., Ltd.
Dadi Road West, Xinhai Road North, Houzhen Industry Zone
Shouguang City Shandong Province
P. R. China

Dear Mr. Wang:

The U.S. Environmental Protection Agency (EPA) has reviewed Shandong Haohua Tire Co., Ltd.'s request for verification of the WINDFORCE WD2000 tire for use on line-haul class-8 tractor trailers. Based upon your application and data provided, you have demonstrated that the coefficient of rolling resistance of the subject tire meets the requirements of the SmartWay Technology Program. The subject tire achieves the appropriate target values for the axle positions indicated and can be considered a low rolling resistance tire. In prior testing, EPA has determined that certain low rolling resistance tire models when used on all five axles of line-haul class-8 tractor trailers can reduce NOx emissions and improve fuel consumption by over 3 percent. Based on our evaluation of your verification application and data provided, EPA hereby verifies that this product meets the low rolling resistance tire performance criteria for new tires.

The following product is approved as a Verified Low Rolling Resistance Tire in the SmartWay Technology Program:

Requestor: **Shandong Haohua Tire Co., Ltd.**
Tire Manufacturer: **Shandong Haohua Tire Co., Ltd.**
Tire Brand and Model: **WINDFORCE WD2000**
CRATOS CRD220
APLUS DR08

Test Method: **ISO28580**
Axle Positions Qualifying for Verification: **Steer**

The following operating criteria must be met in order for trucks to achieve the aforementioned benefits:

1. Tires are used on the axle position(s) stated above on a line-haul class-8 tractor trailer.
2. Verified low rolling resistance tires must be installed on all axle positions of the tractor and trailer.
3. All tires must be properly inflated according to the manufacturer's specifications.

Information on the tires listed above will be posted on the EPA's Verified Technology List website at: <http://www.epa.gov/smartway/forpartners/technology.htm>. If the tire models listed above are modified from the application description provided to EPA and representative of products tested, you must notify EPA immediately. This verification does not automatically confer to modified tires that are similar to this original verification.

As a manufacturer of EPA SmartWay verified technologies, your organization plays a unique role in the SmartWay program. Shandong Haohua Tire Co., Ltd. produces the technologies that provide emissions reduction and fuel saving benefits when used properly in their designed applications. These technologies are used by SmartWay Partners and other businesses to help support their performance goals. The enclosed document contains communication guidelines for manufacturers of EPA SmartWay verified technologies. If you have questions regarding these policies, please consult the enclosed communications policy summary or you may contact Joann Jackson-Stephens directly at jackson-stephens.joann@epa.gov.

Thank you for participating in EPA's Technology Verification Program. If you have any questions or comments, please contact L. Joseph Bachman, of my staff, at 202-343-9373.

Sincerely,

Karl Simon, Director
Transportation and Climate Division
Office of Transportation and Air Quality

Enclosure

ECE <WD2020>

R117-Labeling



RDW

Vehicle Technology Division

THE NETHERLANDS
(N E D E R L A N D)

COMMUNICATION

Concerning⁽¹⁾:

- approval granted
- approval extended
- approval refused
- approval withdrawn
- production definitely discontinued

of a type of tyre with regard to 'rolling sound emission level' and/or 'adhesion performance on wet surfaces' and/or 'rolling resistance' pursuant to Regulation number 117.

Approval number: E4-117R-027486-S2WR2 Extension number: 00

1. Manufacturer's name and address(es) : SHANDONG HAOHUA TIRE Co., Ltd.
Dadi Road, West Xinhai Road North, Houzhen Industry zone, Shouguang city, Shandong Province, P.R.China
2. If applicable, name and address of manufacturer's representative : not applicable
3. 'Tyre class' and 'category of use' of the type of tyre : Class C4+Class C2+Class C3
normal/snow/special
4. Brand(s) name(s) and/or Trade description(s) of the type of tyre : WINDFORCE; LANVIGATOR; APLUS; WD2020;
5. Technical service and, where appropriate, test laboratory approved for purposes of approval or of verification of conformity tests : TÜV NORD Mobilität GmbH & Co. KG
Institut für Fahrzeugtechnik und Mobilität
Adenau 7
D-45307 Essen

P.O. Box 777
2300 AZ Zoetermeer
The NetherlandsTel. : +31 (0)79 343 81 43
Fax : +31 (0)79 343 80 43
www.rdw.nl

Vehicle Approval and Information

Tyres-road noise-component R117-02 v5.01

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Approval number: E4-117R-027486-S2WR2

Extension number: 00

6. Performance(s) approved : sound level at (stage-4/stage 2)⁽²⁾; wet adhesion level/rolling resistance level (stage-4/stage 2)⁽²⁾
- 6.1. Sound level of the representative tyre size, as per item 1.6. of the test report in the appendix to Annex 3: 75⁽²⁾ dB(A) at reference speed of 70km/h⁽³⁾
- 6.2. Wet adhesion level of the representative tyre size, as per item 1.7. of the test report in the appendix to Annex 5: 1.02 (G) using the vehicle or trailer method⁽³⁾
- 6.3. Rolling resistance level of the representative tyre size, as per item 1.8. of the test report in the appendix to Annex 6: 5.77 NkN⁽²⁾
7. Number of report issued by that service : CS117-A0-2015-02888
8. Date of report issued by that service : October 16, 2015
9. Reason(s) of extension (if applicable) : Not applicable
10. Any remarks : ---
11. Place : Zoetermeer
12. Date : 02-NOV-2015
13. Signature :

Annexed to this communication are:

- 14.1. A list of documents in the approval file deposited at the Administration services having delivered the approval and which can be obtained upon request⁽⁴⁾.
- 14.2. A list of tread-pattern designations: Specify for each trademark or brand name and trade description the list of tyre size designations, adding in case of Class C1 tyres the mark 'reinforced' (or 'extra load') or the speed symbol of snow tyres or in the case of tyres of Classes C2 and C3, the mark 'traction', if so required by paragraph 3.1. of this Regulation.

⁽¹⁾ Strike out what does not apply.⁽²⁾ Note: See 'Tyre size list' to ensure the tyre performance are not all of the same stage level (Multi-stage tyre list). Stage level per tyre size is to be specified on the tyre size list.⁽³⁾ In the case of category of use 'snow' a test report according to appendix of Annex 7 shall be submitted.

Tyres-road noise-component R117-02 v5.01

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WINDFORCE TYRE CO., LIMITED

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