DYNAMASTER
Intelligence in Motion

PRODUCT CATALOGUE

TRUCK AND BUS RADIAL TIRE

2026-2027



DYNAMASTER
Intelligence in Motion

Ver 6.8.1 US

OUR SEGMENTS

Defining Our Product Segments

A product segment represents our range of offerings tailored to meet specific customer applications. Each product combines unique operating conditions with targeted performance characteristics to deliver optimal results.

FuelMaster series **HF001**

1 2 3 4

1. SEGMENTS:

FuelMaster Series – Focused on enhancing fuel efficiency and delivering optimal performance for long-haul operations.

MileMaster Series – Designed to maximize mileage across a wide range of long-distance and regional applications.

DuraMaster Series – Built to master endurance and provide exceptional durability in severe on/off-road conditions.

2. APPLICATION:

H = LongHaul
R = Super Regional and Regional
M = Mixed Service

3. AXLE POSITIONS:

F = Steer
D = Drive
T = Trailer
A = All-Position

4. PRODUCT CODE

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FuelMaster series

Steer
HF001 06-07

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DuraMaster series

All-position
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Drive
MD001 26-27

COMPARISON CHART

Brands	FuelMaster Series			MileMaster Series			DuraMaster Series		
	Steer	Drive	Trailer	All-Position	Drive	Drive	All-Position	All-Position	Drive
DynaMaster	Fuel Master HF001	Fuel Master HDCS001	Fuel Master HT001	Mile Master RA001	Mile Master RDCS001	Mile Master RDOS001	Dura Master MA001	Dura Master MA002	Dura Master MD001
Michelin	X line Energy Z	X line Energy D	X Line Energy T	XZE2	X Multi Energy D	X Multi D	X Works , XZY3	XZY3	XDY3
Bridgestone	R213 Ecopia	M713	R123 Ecopia	R268 Ecopia	M760	M770	M853	M864, M853	L320
Goodyear	Endurance LHS	Fuel Max LHD2	Fuel Max LHT	Endurance LHS	Marathon RSD	Fuel Max RTD	G751 MSA	G731 MSA	G177 MSD
Continental	Conti EcoPlus HS3+	HDL2 DL Eco Plus	Conti Eco Plus HT3	Conti HSL 3	HDL3 LTL	HDR2 Eco Plus	HTC1	HSC3	HDR2+
Yokohama	101zl Spec 2	709zl	BluEarth 109L	R108R	TY517MC2	SY767	M507, M507C	M507	M504C
Hankook	AH37	DL11	TL21	AH37	DL15	DL12	AM15+	DM09	AL21
Toyo	M177	M677	M157	M171	M671A	M920A	M153, M325	M325	M610
Firestone	FS507 Plus	FD664	FT455 Plus	FS401	FD664	FD692	FS821	FS818	G282 MSD
Falken	RI130 Ecorun	BI830	RI130	RI150	BI837	SI1011	GI388	GI378	BI850
Apollo	Endu Mile LHfront	Endu Mile LHD	Endu Mile LHT	Endu Combi RA	Endu Combi RDCS	Endu Combi RDOS	EnduTrax MA	Endu®Trax MAHD	EnduTrax MD

FuelMaster series

Built For Efficiency

Designed for long-distance highway use, Fuel Master delivers outstanding mileage and fuel savings, making it the ideal choice for interstate freight and fleet operations.



HF001 FuelMaster series

Long Haul

A premium steer tire delivering irregular wear resistance and maximized mileage on continuous interstate routes.





Superior Handling Stability

Engineered tread design ensures confident straight-line tracking and responsive steering for long-haul performance.

Smart Compound for Long-Distance Efficiency

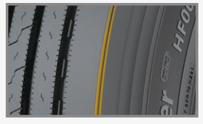
Compound formulation reduces rolling resistance to enhance fuel efficiency while maintaining solid wear resistance over long distances.

Engineered for Extended Service Life

The durable casing construction is engineered for extended service life and excellent retreadability, helping reduce overall cost per kilometer.

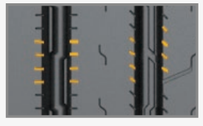
Optimized for Fuel Efficiency

A clean, efficient tread pattern delivers fuel savings without compromising high-speed handling for long-haul driving.



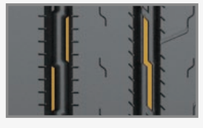
Decoupling Rib Design

Outer decoupling ribs help absorb shoulder stress, minimize irregular wear, and improve overall durability.



Fine Rib Siping

Precision-placed sipes within the ribs enhance traction on wet roads and promote even wear by improving heat dissipation.



Innovative Stone Ejection System

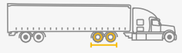
Strategically placed ejector features prevent stone retention, protecting the casing and extending tire lifespan.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	11R22.5	TL	16PR	H	19	11	41	8.25	146/143M	6610/6005	120
22.5	295/75R22.5	TL	16PR	H	19	11	40	9.00	146/143M	6610/6005	120

HD^{CS}001 FuelMaster series

Long Haul

A closed shoulder drive tire delivering extended mileage and even wear to reduce fuel consumption on continuous interstate routes.



Smart Tread for Long-Lasting Performance

The compact tread design maximizes rubber-to-road contact, improving rolling efficiency, promoting even wear, and extending tire life for long-lasting performance.

Fuel-Efficient Compound with Enhanced Wear Resistance

Specially formulated compound lowers rolling resistance while maintaining strong wear resistance for long-haul service.

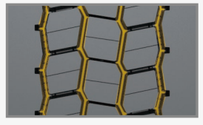
Built to Go the Extra Mile

This long-haul-specific tread compound enhances mileage, durability, and fuel efficiency—reducing total cost of ownership.

Enduring Strength for Every Mile

Engineered with structural integrity to deliver long-lasting durability in long-haul driving conditions.





Angled Groove Layout with Self-Cleaning Function

The self-cleaning groove design helps prevent stone retention, ensuring uniform wear and extending overall tire life.



Traction-Enhanced Tread Geometry

Engineered lug and groove geometry delivers consistent grip and efficient power transfer for reliable traction in long-haul applications.



Wide Closed Shoulder Rib Design

Designed for long-haul performance, the closed shoulder rib provides added stability and reduces irregular wear.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	11R22.5	TL	16PR	H	27	11	42	8.25	146/143M	6610/6005	120
22.5	295/75R22.5	TL	16PR	H	27	11	40	9.00	146/143M	6610/6005	120

HT001 FuelMaster series

Long Haul

A shallow tread trailer tire delivering irregular wear resistance, extended mileage, and lower CPK on continuous interstate routes.





Fuel-Saving Performance on Every Mile

Engineered with a low-profile tread to reduce flexing and heat buildup, enhancing rolling efficiency and maximizing fuel economy over long-haul routes.

Thermal Protection for Long-Haul Reliability

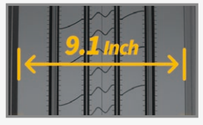
Specially formulated compound resists heat buildup at sustained highway speeds, protecting tread integrity and preventing premature cracking or blowouts.

Proven Casing for Maximum Lifespan

The robust casing structure delivers consistent performance over long distances, supporting extended mileage and dependable trailer service.

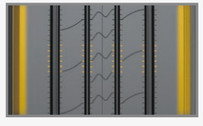
Built for Extra Miles

The lower void ratio maximizes rubber contact with the road, enhancing wear resistance and delivering extended mileage for long-haul trailer operations.



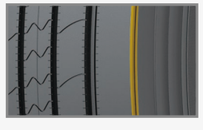
Wear-Resistant Wide Tread Design

The 9.1-inch-wide tread reduces ground pressure, minimizes uneven wear, and improves high-speed driving stability.



Continuous Shoulder Rib with Micro-Siping

Ensures uniform contact pressure for enhanced wet grip, offering long, even wear and reduced rolling resistance.



Wear-Optimized Decoupling Groove

Decoupling channels at the shoulder absorb edge stress during turns, improving tire longevity and resisting irregular wear.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	11R22.5	TL	16PR	H	13	11	41	8.25	146/143M	6610/6005	120
22.5	295/75R22.5	TL	16PR	H	13	11	39	9.00	146/143M	6610/6005	120

MileMaster series

Mileage That Matters

Engineered for regional and long-haul routes, Mile Master delivers outstanding removal mileage, even wear-ensuring long-lasting performance across diverse road conditions.



RA001 MileMaster series

Long Haul Regional

A premium all-position tire delivering extended mileage and consistent handling across extended highway and complex regional routes.



Get Confident Wet Grip

Delicately placed sipes improve grip on wet roads while helping evenly distribute pressure across the tread, reducing irregular wear and extending tire life.

Built to Resist Wear and Tear

A specially developed rubber compound resists wear and chipping, delivering long-lasting durability for both in-state and interstate applications.

Smooth Rolling for Lower Fuel Costs

The smooth shoulder design reduces rolling resistance, helping improve fuel efficiency during long-distance driving.

Broad Tread Contact Means Longer Tire Life

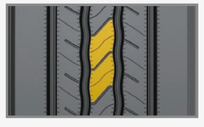
A wide, stable tread footprint ensures optimal rubber-to-road contact, enhancing wear uniformity, load support, and overall mileage.





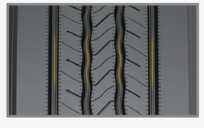
Dual-Geometry Groove Layout

A combination of two straight and two curved main grooves offers balanced performance for both regional and long-haul routes, enabling smooth transitions between interstate and secondary roads.



Stability-Enhancing S-Shaped Tread Blocks

S-shaped center blocks provide strong surface grip, helping maintain control and stability in wet conditions during highway driving.



Stone Ejection System

Strategically designed ejectors in the grooves prevent stone retention, protecting the casing and extending service life.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
17.5	215/75R17.5	TL	16PR	H	15	8	30	6.00	128/126M (135/133L)	4805/4540	123
17.5	235/75R17.5	TL	18PR	J	16	9	31	6.75	132/130M (143/141L)	6005/5675	123
17.5	245/70R17.5	TL	18PR	J	16	10	31	7.50	136/134M (143/141L)	6005/5675	123
19.5	225/70R19.5	TL	14PR	G	16	9	32	6.75	128/126M	3970/3750	110
19.5	265/70R19.5	TL	18PR	J	18	10	34	7.50	140/138M (143/141L)	6005/5675	123
19.5	285/70R19.5	TL	18PR	J	18	11	35	8.25	146/144M (150/148K)	7390/6940	130
22.5	11R22.5	TL	16PR	H	20	11	41	8.25	146/143M	6610/6005	120
22.5	255/70R22.5	TL	16PR	H	19	10	37	7.50	140/137M	5510/5070	116
22.5	295/75R22.5	TL	16PR	H	20	11	40	9.00	146/143M	6610/6005	120
24.5	11R24.5	TL	16PR	H	20	11	43	8.25	149/146M	7160/6610	120

RD^CS 001 MileMaster series

Long Haul Regional

A premium closed shoulder drive tire delivering maximized mileage and even wear across extended highway and complex regional routes.





A Strong Structure That Lasts Mile After Mile

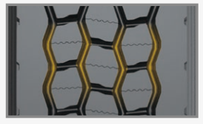
Featuring a reinforced casing and stabilized tread layout, the tire resists deformation, ensuring long-lasting durability and consistent, even wear over extended mileage.

Drive Longer with Less Wear and More Stability

The tread compound is specially formulated to reduce heat buildup and resist abrasion, supporting longer mileage and consistent performance in demanding drive axle conditions.

Reliable Traction on Wet and Dry Surfaces

Spies embedded in the center of the tread blocks provide excellent traction on both wet and dry surfaces, improving grip and driving confidence on long-haul and regional routes.



Self-Cleaning Main Grooves

Curved main grooves are engineered to actively prevent stone retention, thereby protecting the casing and extending overall tire life.



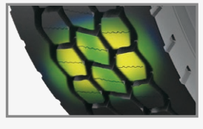
Extra-Wide Tread Design

All sizes feature a 9.45-inch tread width, maximizing ground contact area to enhance driving stability, reduce edge wear, and extend service life.



Hexagonal Block Architecture

The interlocked hexagonal block design maximizes ground contact and delivers strong traction and driving force, helping ensure stable performance on long-haul routes.



Contour-Engineered for Even Wear

The tread profile is optimized to maintain uniform contact pressure across the surface, effectively reducing irregular wear patterns and maximizing usable tread life.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	11R22.5	TL	16PR	H	30	11	42	8.25	146/143M	6610/6005	120
22.5	295/75R22.5	TL	16PR	H	30	11	41	9.00	146/143M	6610/6005	120
24.5	11R24.5	TL	16PR	H	30	11	44	8.25	149/146M	7160/6610	120

RD^OS 001 MileMaster series

Regional

An open shoulder drive tire minimizing cut and chip damage to deliver extra traction and extended mileage on secondary and unpaved routes.





Durable from the Inside Out for a Longer Tire Life

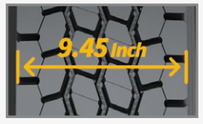
Built with high-strength materials to withstand repeated loads and impacts, supporting excellent retreadability and long service life.

Drive Further with Long-Lasting Rubber

Specially formulated rubber compound maximizes durability and wear resistance for long-lasting performance in a wide range of operating conditions.

Designed to Maximize Traction

The aggressive tread pattern and increased spacing between block-side indentations work together to deliver strong, reliable traction on various road surfaces.



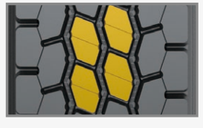
Wide Tread Design

All sizes feature a 9.45-inch-wide tread, increasing road contact area to enhance driving stability, slow down wear rate, and support longer mileage across a variety of applications.



Enhanced Shoulder Geometry

With a wider shoulder groove radius and optimized block shapes, the design resists lug base cracking and tearing, extending tire life in high-stress applications.



Hexagonal Tread Blocks

Optimized for uniform pressure distribution and increased road contact, delivering balanced wear and extended mileage.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	11R22.5	TL	16PR	H	28	11	42	8.25	146/143M	6610/6005	120
22.5	295/75R22.5	TL	16PR	H	28	11	40	9.00	146/143M	6610/6005	120
24.5	11R24.5	TL	16PR	H	28	11	44	8.25	149/146M	7160/6610	120

DuraMaster series

Made for Endurance

Engineered for demanding on/off-road operations, Dura Master delivers exceptional durability, cut and chip resistance—ensuring reliable performance in the harshest conditions.



MA001 DuraMaster series

On/Off Road

Durability

An all-position tire resisting cut and chip damage to deliver even wear across paved routes and unpaved worksites.



Stay Supported Under Pressure with Reinforced Beads

Robust, high-tensile beads offer excellent deformation resistance under heavy loads, strengthening casing integrity.

Lower Void Ratio Boosts Contact Area

A reduced groove-to-rubber ratio increases surface contact, enhancing wear resistance and puncture protection in demanding on- and off-road conditions.

Extra Protection on Rough Roads

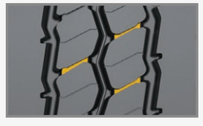
The specially formulated compound offers superior cut resistance, providing enhanced protection and longer tire life.





Smart Shoulder Design

Enhanced shoulder structure improves heat dispersion under high-load, short-distance conditions, ensuring stability and durability.



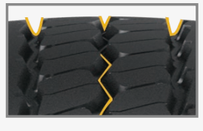
Reinforced Tread Block Structure

Irregular ribs formed by tie-bar-connected tread blocks deliver strong ground engagement and long mileage potential on mixed surfaces.



Thickened Sidewall Construction

The thickened sidewall construction offers added protection against cuts, impacts, and abrasions when driving on rough or damaged roads.



Stone Ejector Channels with Protectors

The V-shaped groove design and bottom protectors work together to reduce stone retention and drilling, helping protect the casing and extend overall tire life.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	11R22.5	TL	16PR	H	21	11	41	8.25	146/143M	6610/6005	120
22.5	11R22.5	TL	18PR	J	21	11	41	8.25	149/146M	6610/6005	120
22.5	315/80R22.5	TL	20PR	L	21	12	42	9.00	157/154L	9095/8265	130
22.5	11R24.5	TL	16PR	H	21	11	43	8.25	149/146M	7160/6610	120
22.5	11R24.5	TL	18PR	J	21	11	43	8.25	152/149M	7160/6610	120

MA002 DuraMaster series

On/Off Road

Durability

An all-position wide-base tire delivering load capacity and extended service life across paved routes and unpaved worksites.

Get Confident Grip and Driving Power on Mixed Terrain

Robust, high-tensile beads offer excellent deformation resistance under heavy loads, strengthening casing integrity.

Stay Cooler and Go Further with Smarter Shoulder Design

Partially separated shoulder blocks reduce deformation under load, while the outer semi-open design minimizes heat buildup, enhancing mileage and durability.

Durable Design for Long-Term Cost Savings

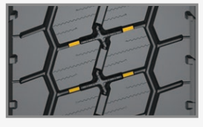
Engineered with a robust casing structure that enhances retreadability, maximizing lifecycle value and reducing overall operating costs.





Widened Tread Design

A broader tread profile with optimized footprint ensures balanced pressure distribution, improving wear resistance and delivering excellent high-speed stability on long hauls.



Reinforcing Tie Bars

Tie-bars linking the tread blocks reduce micro-movements under stress, effectively preventing feathering and promoting even wear.



Low Void Ratio Pattern

The low void ratio design provides a denser tread surface that resists punctures and abrasion, enhancing durability and extending overall tire life.



Stone-Ejector System

Stone ejectors embedded in the main grooves prevent stone retention and protect the casing from punctures and damage.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	385/65R22.5	TL	24PR	N	23	15	42	11.75	164K	11000	130

MD001 DuraMaster series

On/Off Road

Durability

A directional drive tire maximizing forward traction and self-cleaning performance across paved routes and unpaved worksites.



Strong Off-Road Traction

The unidirectional tread, featuring aggressive blocks and deep grooves, provides excellent off-road traction and self-cleaning performance on loose surfaces.

Stay Protected from Punctures in Demanding Terrains

Built with high-tensile steel cords, the tire resists impact and puncture damage on rough terrains, extending service life under demanding short-haul conditions.

Stronger Protection for Demanding Routes

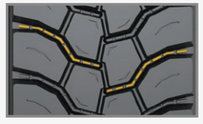
Built with high-tensile steel cords and a cut-resistant compound, the tire resists punctures and impact damage on rough terrains, extending service life in demanding short-haul operations.





Lateral Tie-Bar

Each tread block is supported by lateral tie bars, reducing the risk of block chunking and groove cracking under stress.



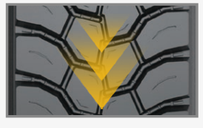
Stone-Ejector Grooves

Stone ejectors in the lateral grooves help prevent sharp debris from embedding in the tread, reducing puncture risks in harsh environments.



Reinforced Bead Structure

A strengthened bead construction enhances tire stability under heavy loads and long hauls, delivering dependable performance for fleet operations.



Single-Direction Pattern

Featuring a single-direction tread layout, the design enhances water and mud discharge efficiency, maintaining reliable traction and control in challenging mixed-service conditions.

Inch	Size	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
22.5	315/80R22.5	TL	20PR	L	28	12	43	9.00	156/153K	8820/8050	123

TECHNOLOGY DATA

Series	Position	Size	Pattern	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
FuelMaster	Steer	11R22.5	HF001	TL	16PR	H	19	11	41	8.25	146/143M	6610/6005	120
		295/75R22.5		TL	16PR	H	19	11	40	9.00	146/143M	6610/6005	120
	Drive	11R22.5	HD^{CS}001	TL	16PR	H	27	11	42	8.25	146/143M	6610/6005	120
		295/75R22.5		TL	16PR	H	27	11	40	9.00	146/143M	6610/6005	120
	Trailer	11R22.5	HT001	TL	16PR	H	13	11	41	8.25	146/143M	6610/6005	120
		295/75R22.5		TL	16PR	H	13	11	39	9.00	146/143M	6610/6005	120
MileMaster	All-Position	215/75R17.5	RA001	TL	16PR	H	15	8	30	6.00	128/126M (135/133L)	4805/4540	123
		235/75R17.5		TL	18PR	J	16	9	31	6.75	132/130M (143/141L)	6005/5675	123
		245/70R17.5		TL	18PR	J	16	10	31	7.50	136/134M (143/141L)	6005/5675	123
		225/70R19.5		TL	14PR	G	16	9	32	6.75	128/126M	3970/3750	110
		265/70R19.5		TL	18PR	J	18	10	34	7.50	140/138M (143/141L)	6005/5675	123
		285/70R19.5		TL	18PR	J	18	11	35	8.25	146/144M (150/148K)	7390/6940	130
		11R22.5		TL	16PR	H	20	11	41	8.25	146/143M	6610/6005	120
		255/70R22.5		TL	16PR	H	19	10	37	7.50	140/137M	5510/5070	116
		295/75R22.5		TL	16PR	H	20	11	40	9.00	146/143M	6610/6005	120
		11R24.5		TL	16PR	H	20	11	43	8.25	149/146M	7160/6610	120
	Drive	11R22.5	RD^{CS}001	TL	16PR	H	30	11	42	8.25	146/143M	6610/6005	120
		295/75R22.5		TL	16PR	H	30	11	41	9.00	146/143M	6610/6005	120
		11R24.5		TL	16PR	H	30	11	44	8.25	149/146M	7160/6610	120
		11R22.5	RD^{OS}001	TL	16PR	H	28	11	42	8.25	146/143M	6610/6005	120
		295/75R22.5		TL	16PR	H	28	11	40	9.00	146/143M	6610/6005	120
		11R24.5		TL	16PR	H	28	11	44	8.25	149/146M	7160/6610	120

TECHNOLOGY DATA

Series	Position	Size	Pattern	TL/TT	PR	LR	TD (32nds)	SW (in)	OD (in)	RIM	LI/SS	LBS (S/D)	PSI
DuraMaster	All-Position	11R22.5	MA001	TL	16PR	H	21	11	41	8.25	146/143M	6610/6005	120
		11R22.5		TL	18PR	J	21	11	41	8.25	149/146M	6610/6005	120
		315/80R22.5		TL	20PR	L	21	12	42	9.00	157/154L	9095/8265	130
		11R24.5		TL	16PR	H	21	11	43	8.25	149/146M	7160/6610	120
		11R24.5		TL	18PR	J	21	11	43	8.25	152/149M	7160/6610	120
		385/65R22.5	MA002	TL	24PR	N	23	15	42	11.75	164K	11000	130
	Drive	315/80R22.5	MD001	TL	20PR	L	28	12	43	9.00	156/153K	8820/8050	123

Note

Note