TyRex AllSteel

TyRex CRG

TyRex Agro

TyRex Woodcraft

TyRex Heavy

SIBUR
RUSSIAN TYRES

TRUCK, AGRO AND INDUSTRIAL TYRES Catalogue

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TyRex

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RUSSIAN TYRES

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About the Company

SIBUR-Russian Tyres Holding is the major tyre manufacturer in the Eastern Europe with the total sales of over $1 bln.

As of yearend 2010 the Company's production of passenger tyres amounted to 18%, truck tyres - 41%, agro tyres - 50%, industrial tyres - 11% and aviation tyres - 60% of the overall Russian output.

The Holding comprises 4 tyre plants: Yaroslavl Tyre Plant, Omskshina, Voltyre Prom, Uralshina; Matador-Omskshina, as well as the Tyre Testing Center VerShina and the R&D Center Intyre. Over 12,000 people are employed at the Company's facilities. SIBUR-Russian Tyres manufactures a wide range of passenger, truck, industrial, agro and aviation tyres for all industries – a total of over 400 models.

Truck, agro and industrial tyres manufactured by the Company are marketed under TyRex brand: TyRex ALLSTEEL — All-Steel tyres for commercial vehicles (trucks, trailers, busses, construction equipment, etc.). TyRex CRG — combined design tyres for modern commercial vehicles, TyRex AGRO — tyres for agricultural equipment, Tyrex Woodcraft – forestry tyres, Tyrex Heavy – industrial tyres.

In the passenger car segment SIBUR-Russian Tyres is represented by Cordiant and Tunga brands.

Strategic Priorities

SIBUR-Russian Tyres JSC is the major Russian tyre manufacturer, striving to constantly improve quality, increase sales volumes and satisfy the demand of Russian consumers for all types of tyres, as well as to compete in the foreign markets.

The Company's strategic priority is to preserve and improve the leading position in the most promising commercial tyres segment.

The key trends for the Company's development are the following: strengthening plant specialization; modernization and improvement of the product range, including launch of new tyre types; product quality improvement and brand awareness; development of niche co-operation with foreign manufacturers for all major product types; improvement of market positions and improvement of investment attractiveness.

The Company plans to invest over 700 m. US Dollars into facility modernization until 2012 within the framework of a large-scale investment program.

Quality Management

In an intensely competitive market it is the guarantee of proper and sustained quality that determines the customer choice in favor of one company or another. Quality Management System of SIBUR-Russian Tyres Holding includes the whole range of product life-cycle phases — from new product development to end customer need-satisfaction.

One of the central quality improvement tasks is to determine the properties of the output product in trade tests. SIBUR-Russian Tyres Holding is the only Russian tyre manufacturer with an in-house specialized tyre testing center VerShina.

All the tyres manufactured by the Company are subject to stand, performance and road tests in the in-house testing center and by independent consumer associations and R&D centers. All tests confirm high quality and consistency with the average performance of tyres by the leading global manufacturers.

SIBUR-Russian Tyres production facilities are certified according to ISO 9001 and ISO 16949 and Environmental Management System ISO 14001.

Export

The volume of sales in the foreign markets grows steadily and already exceeds 24% of the overall Company's sales volume in money terms.

The main export markets for SIBUR-Russian Tyres' products currently are the CIS, Central and Latin Americas, Eastern and Central Europe.

The Company promotes its products in other foreign markets as well: in 2006-2011 SIBUR-Russian Tyres participated in a number of largest international expositions, including Reifen (Germany), BryTyrex (UK), Motortech (Spain), SIMA (France), CITEEXPO (China), Fenatran (Brazil), FIHAV (Cuba), LATINEXP 2001 (Panama), etc. >>

Sales Policy

The Sales Policy of SIBUR-Russian Tyres divides the Company's sales into two flows: the first flow – all the end users with annual consumption volume of over 40 m. Rubles, that refer to the scope of B2B Function, the second flow comprises the customers with annual purchasing volumes of under 40 m. Rubles. The second flow is managed through Company's branches and local distributors.

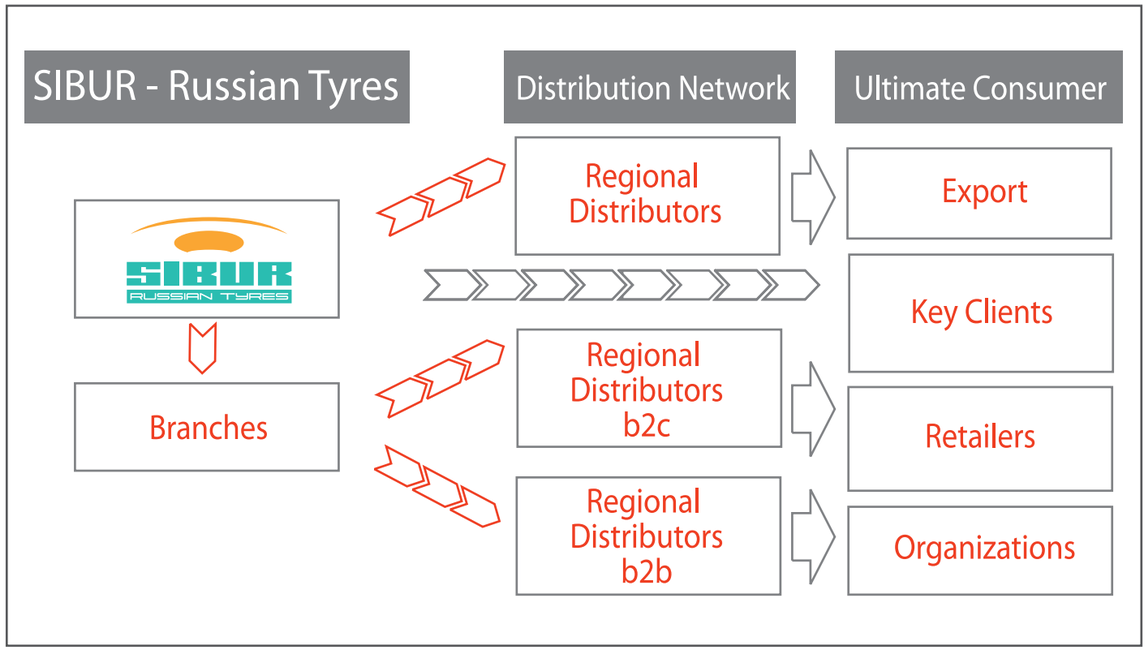
The Marketing Policy is based on the regional coverage principle, which favors all the loops of the distribution chain: the distributors gain a guarantee of steady sales, as only a limited number of companies operates in each region; retailers gain reliable suppliers; end users gain high-quality tyres at a reasonable price.

The new SIBUR Russian Tyres System of Sales by Regions assures price control, clear supply system and provides for tyre quality monitoring and consumer education for operational regulations through trade representatives.

Supplies to state, military and OEM customers are managed on individual basis.

The following major companies are among our clients: Skoda, Volkswagen, Renault, "AvtoVAZ", KAMAZ, GAZ, UAZ, Ural, Rostselmash, Russian Ministry of Defense, Russian Ministry of Internal Affairs, Federal Security Service, Emergency Control Ministry, oil and gas, mining, energy, transport and construction companies).

Among other issues, SIBUR-Russian Tyres JSC rapidly develops after-sale services, notably: control of customer operation of the tyres, training for the customer's employees, trade representative services and much more. These activities allowed the Company to consolidate the leadership in the Russian tyre market.



Geography of SRT's Production Facilities

Novelties

Prospects for Further Development of Tyre Range in 2011-2013

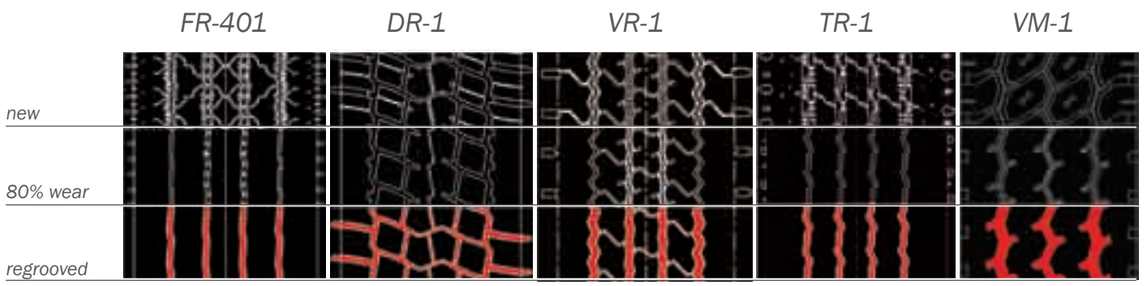
SIBUR-Russian Tyres JSC monitors the market demand and strives to offer the most marketable tyre sizes manufactured in accordance with all the quality requirements at a reasonable price.
Imported commercial vehicles gain larger and larger share of the commercial car park. Modern machinery presents new tyre requirements. Therefore in addition to the existing TyRex ALL STEEL production facility with annual capacity of 370 th. pcs. in Yaroslavl, a new facility with a planned annual capacity of 650 th. pcs. is to be launched in 2013. This shall allow SIBUR-Russian Tyres JSC to produce over 1000000 pcs. annually.

New tyres with seating diameter of 17,5”, 19,5” and 22,5” shall be introduced in the framework of All-Steel capacity extension project –25 tyre sizes overall.

In the course of 2011 the existing range of TyRex AllSteel shall be completely renewed. YA models shall be replaced by modern DR-1, FR-401, TR-1, VM-1, VC-1, VR-1 models: 8 sizes overall. New tyres have a completely renewed carcass design. Application of advanced technologies (compound formulas, tread patterns, new designs) with the assistance of the leading foreign experts resulted in improved tyre life performance of the new generation tyres. Changes in the agro machinery park and introduction of high-performance tractors enduced higher demand for new tyre sizes. In response to the customer’s wishes we extend the range of agro tyres.

New popular tyre sizes for John Deere, Claase, Fendt and New Holland machinery shall be introduced in 2011-2013.

Regrooving



Cost-effectiveness and reliability are the main concerns for professional carriers. “Regrooving” the truck tyres is a Traffic Code approved procedure which allows improving the tyre life.

Regrooving shall only be performed in tyre centers or truck tyre fitting centers equipped with the manufacture’s regrooving schemes and a good regrooving machine and where trained regrooving specialists are available who are able to determine the regrooving depth, select blade width and form. Regrooving improves tyre life significantly (20-30% depending on operating conditions), and allows for fuel saving due to increased road contact area as the tyre has lower rolling resistance.

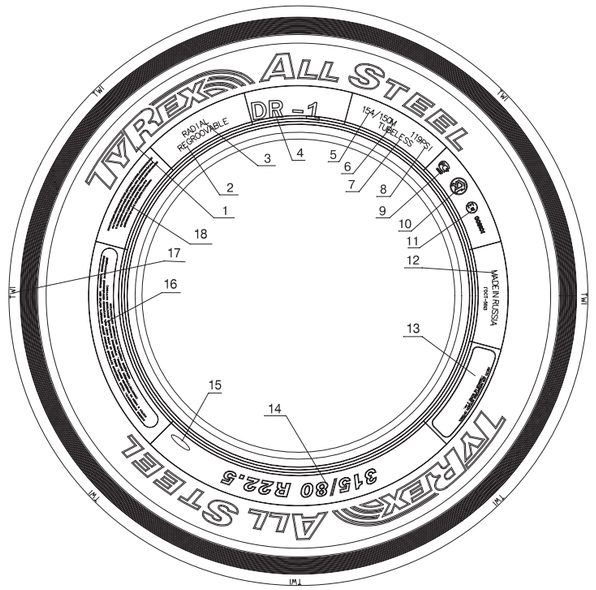
Tread regrooving is only performed with remaining tread depth of at least 2-3 mm. Observing this rule allows to reproduce the tread pattern and preserve the minimum rubber thickness of 2 mm between the tread pattern base and the plies in the breaker area.

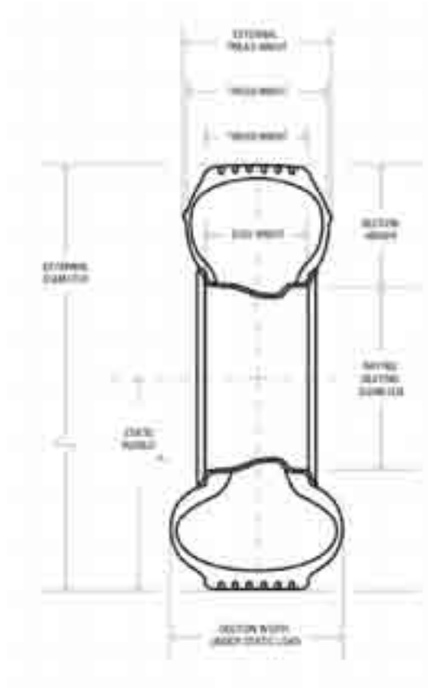
The regrooving depth is an abstract value in most of the cases. It is recommended to measure the tread depth in the most worn spots in order to evaluate the rubber thickness over the breaker ply.

Retreading

High quality Tyrex AllSteel carcass allows retreading tyres, which improves tyre life significantly!

Truck Tyre Labeling





1 TYREX ALL STEEL - trademark
2 REGROOVABLE - possible tread deepening by regrooving
3 RADIAL - radial design
4 DR-1 - tyre model
5 154/150 - 154/150 – carrying capacity index for max. allowed load on single or twin tyre
6 M - speed index
7 TUBELESS - for a tubeless tyre
8 119 PSI - inflation pressure index
9 National compliance mark with the code of the certification body: «НХ 27» under GOST R 50460 for tyre certification in accordance with GOST R 51893;
10 Manufacturer’ s trademark
11 Official certification mark E27 with official Certification number for the tyre type according to UNECE Rule № 54 and № 117
12 MADE IN RUSSIA - country of origin
13 Burning marking spot
14 315/80R22,5 tyre designation
15 Date of production, containing 4 digits, the first two to identify the week and the last two to indentify the year of production
16 Operation and mounting safety conditions
17 TWI — index of wear indicator location on the tread pattern
18 Tyre design

All-Steel Truck Tyres

TyRex AllSteel

FR-401

295/80R22,5;
315/80R22,5

FR-401 model tyres with road tread pattern and a new carcass design are intended to be mounted onto the steering axle of long-haul MAN, VOLVO, Scania, MAZ, KAMAZ tractors and busses. Due to its multi-purpose designation the tyre shall perform steadily both on highways and regional roads. According to the current market trends the tyre life has been extended to 120 000 km subject to observing the operation procedures.

The form of FR-401 tyre contact patch is similar to the best European benchmarks. Introduction of new tread cap compound formulas provides better abrasive wear resistance, reduction of heat build-up and therefore fuel consumption reduction, which is an important factor in the increased freight volumes environment.

Tyre designation	295/80R22,5
Tyre type	tubeless
Tread pattern	road for steering axle
Rim contour designation:	
• recommended	9,00x22,5
• allowed	8,25x22,5
Valve type	AB
Wheel load index (single/twin)	152/148
External diameter, max., mm	1055
Section width, max., mm	298
Static radius	490
Max. load, kN, (kgs):	
• on single tyre	34,83(3550)
• on twin tyre	30,90(3150)
Inflation pressure, kPa (kgs/cm^2)	850(8,7)
Allowed speed, (km/h)	130(M)
Tread regrooving depth, mm	3 max.
Tyre application	Steering axle of commercial vehicles and busses

Tyre designation	315/80R22,5
Tyre type	tubeless
Tread pattern	road for steering axle
Rim contour designation:	
• recommended	9,00x22,5
• allowed	9,75x22,5
Valve type	AB
Wheel load index (single/twin)	154/150
External diameter, max., mm	1087
Section width, max., mm	312
Static radius	500
Max. load, kN, (kgs):	
• on single tyre	36,74(3750)
• on twin tyre	32,86(3350)
Inflation pressure, kPa (kgs/cm^2)	820(8,4)
Allowed speed, (km/h)	130(M)
Tread regrooving depth, mm	3 max.
Tyre application	Steering axle of commercial vehicles and busses

DR-1

295/80R22,5;
315/80R22,5

DR-1DR-1 model is intended for mounting on the driving axle of long-haul tractors MAN, VOLVO, Scania, MAZ, KAMAZ and buses.

It complies with the exclusive safety and durability requirements.

Due to the state-of-art carcass design the guaranteed life of a DR-1 model tyre is 150 000 km subject to observing the operation procedures. New material distribution in the breaker area allowed redistributing effective pressure providing excellent handling in any road conditions and stability at high speed.

Tyre designation	295/80R22,5
Tyre type	tubeless
Tread pattern	road for driving axle
Rim contour designation:	
• recommended	9,00x22,5
• allowed	8,25x22,5
Valve type	AB
Wheel load index (single/twin)	152/148
External diameter, max., mm	1060
Section width, max., mm	298
Static radius	490
Max. load, kN, (kgs):	
• on single tyre	34,83(3550)
• on twin tyre	35,50(3150)
Inflation pressure, kPa (kgs/cm^2)	850(8,7)
Allowed speed, (km/h)	130(M)
Tread regrooving depth, mm	3 max.
Tyre application	Driving axle of commercial vehicles and busses

Tyre designation	315/80R22,5
Tyre type	tubeless
Tread pattern	road for driving axle
Rim contour designation:	
• recommended	9,00x22,5
• allowed	9,75x22,5
Valve type	AB
Wheel load index (single/twin)	154/150
External diameter, max., mm	1088
Section width, max., mm	312
Static radius	500
Max. load, kN, (kgs):	
• on single tyre	36,74(3750)
• on twin tyre	32,86(3350)
Inflation pressure, kPa (kgs/cm^2)	820(8,4)
Allowed speed, (km/h)	130(M)
Tread regrooving depth, mm	3 max.
Tyre application	Driving axle of commercial vehicles and busses

VC-1; VR-1

275/70R22,5;
295/80R22,5

Truck tubeless radial All-Steel tyre intended for application on the steering and driving axles of busses. Introduction of new compound formulas for tread ply and improved tyre section provide better abrasive wear resistance, reduction of heat build-up and therefore lower rolling resistance.

Distinct circular grooves contribute to better stability and handling.

Stone-ejecting studs protect the breaker from mechanical damage and stone penetration. The state-of-art design of load-bearing elements provides for even wear and improves contact pressure distribution in the contact patch. Vent openings ensure heat elimination from the breaker edge area.

Tyre designation	275/70R22,5
Tyre type	tubeless
Tread pattern	road multi-position
Rim contour designation:	
• recommended	8.25x22,5
• allowed	7,5x22,5
Valve type	AB
Wheel load index (single/twin)	148/145, 152/148*
External diameter, max., mm	972
Section width, max., mm	276
Static radius	447
Max. load, kN, (kgs):	
• on single tyre	30.89(3150), 34.81(3550)*
• on twin tyre	28.45(2900), 30.89(3150)*
Inflation pressure, kPa (kgs/cm²)	900(9.2)
Allowed speed, (km/h)	100(J), 70(E)*
Tread regrooving depth, mm	3 max.
Tyre application	Steering and drive axles of town busses

Tyre designation	295/80R22,5
Tyre type	tubeless
Tread pattern	road multi-position
Rim contour designation:	
• recommended	9,00x22,5
• allowed	8,25x22,5
Valve type	AB
Wheel load index (single/twin)	152/148
External diameter, max., mm	1060
Section width, max., mm	298
Static radius	490
Max. load, kN, (kgs):	
• on single tyre	34,83 (3550)
• on twin tyre	30,90 (3150)
Inflation pressure, kPa (kgs/cm²)	850(8,7)
Allowed speed, (km/h)	110(K)
Tread regrooving depth, mm	3 max.
Tyre application	Steering and drive axles of town busses

* Additional operating mode

TR-1

385/65R22,5

Truck tubeless radial All-Steel tyre intended for application on commercial trailers.

The tyre has a high technology tread pattern and the state-of-art construction, providing for better handling in any road conditions and stability at high speed. Tyrex All Steel TR-1 has extended tyre cap width and tread pattern depth, which contributes to significantly extended active life.

Introduction of new tread cap rubber compounds on the basis of natural rubber ensures abrasive wear resistance, damage stability, reduction of heat build-up and lower rolling resistance.

Introduction of new tyre section ensures even wear and effective contact pressure distribution in the contact patch.

Tyre designation	385/65R22,5
Tyre type	tubeless
Tread pattern	road for trailer
Rim contour designation:	
• recommended	11,75x22,5
• allowed	12,25x22,5
Valve type	AB
Wheel load index (single/twin)	160
External diameter, max., mm	1088
Section width, max., mm	389
Static radius	500
Max. load, kN, (kgs):	
• on single tyre	44,13 (4500)
• on twin tyre	-
Inflation pressure, kPa (kgs/cm²)	900(9.2)
Allowed speed, (km/h)	110(K)
Tread regrooving depth, mm	3 max.
Tyre application	Trailers and semi-trailers for heavy trucks

VM-1

315/80R22,5

Truck multi-position tubeless All-Steel 315/80R 22 .5 tyre model Tyrex All Steel VM-1 intended for application on trucks, operated at construction sites, open cuts as well as general use roads on any axle of the vehicle. The tyre has a state-of-art tread pattern.

The road tread pattern provides:

- Excellent road holding in any climate conditions
- Good grip on dry, wet and snow-covered road.
- Stone-ejecting studs in the grooves protect the breaker from damage.
- Improved tyre life due to extended tread cap and tread pattern depth.

Introduction of new tread cap rubber compounds on the basis of natural rubber provides better abrasive wear resistance and reduction of heat build-up.

Application of new configuration of bead area and effective distribution of the elements in the bead facilitate mounting of the tyre on the rim, provide better sealing, guarantee correct positioning of the bead on the rim and therefore improve safety and durability of the tyre in operation. The adjusted tread cap section configuration improves equal distribution of contact pressure in the road contact area, thus reducing heat build-up and providing for even tread pattern wear, road holding, towing and breaking performance at high speed, good road grip in any climate conditions.

Tyre designation	315/80R22,5
Tyre type	tubeless
Tread pattern	road multi-position
Rim contour designation:	
• recommended	9,00x22,5
• allowed	9,75x22,5
Valve type	AB
Wheel load index (single/twin)	156/150
External diameter, max., mm	1092
Section width, max., mm	312
Static radius	499
Max. load, kN, (kgs):	
• on single tyre	39,24 (4000)
• on twin tyre	32,86 (3350)
Inflation pressure, kPa (kgs/cm²)	820(8,4)
Allowed speed, (km/h)	110(K)
Tread regrooving depth, mm	3 max.
Tyre application	Trucks: steering and driving axle, mainly operated at construction sites and open cuts, as well as in general use roads

All-Steel Truck Tyres TyRex AllSteel

Model	TyRexAllSteel VC-1	TyRexAllSteel FR-401	TyRexAllSteel DR-1	TyRexAllSteel VR-1		TyRexAllSteel FR-401	TyRexAllSteel DR-1	TyRexAllSteel VM-1	TyRexAllSteel TR-1	Y-467 MEDVED
Tyre designation	275/70R22.5	295/80R22,5	295/80R22,5	295/80R22,5		315/80R22,5	315/80R22,5	315/80R22,5	385/65R22,5	11R22,5
Design	All-Steel	All-Steel	All-Steel	All-Steel		All-Steel	All-Steel	All-Steel	All-Steel	All-Steel
Tread pattern	road multi-position	road for steering axle	road for steering axle	road multi-position		road for steering axle	road for steering axle	road multi-position	road for trailer	road
External diameter, mm	958±14	1044±11	1044±16	1044±16		1076±16	1076±16	1076±16	1072±16	1050±15
Section width, mm, under	282	298	298	298		312	312	312	389	279
Static radius, mm	447±7	490±7	490±7	490±7		500±7	500±7	499±7	500±7	489±7
Recommended rim	8,25x22,5	9,00x22,5	9,00x22,5	9,00x22,5		9,00x22,5	9,00x22,5	9,00x22,5	11,75x22,5	8,25x22,5
Acceptable rim	7,50x22,5	8,25x22,5	8,25x22,5	8,25x22,5		9,75x22,5	9,75x22,5	9,75x22,5	12,25x22,5	7,5x22,5
Ply rating	-	-	-	-		-	-	-	-	-
Load Index	148/145, 152/148	152/148	152/148	152/148		154/150	154/150	156/150	160	148/145
Max. load kN (kgs) single/twin tyre	30,89/28,45 (3150/2900) 34.81/30.89** (3550/3150)**	34,83/30,90 (3550/3150)	34.83/30.90 (3550/3150)	34,83/30,90 (3550/3150)		36,74/32,86 (3750/3350)	36,74/32,86 (3750/3350)	32,24/32,86 (4000/3350)	44,13(4500)	30.90/28.45 (3150/2900)
Inflation pressure, for max. load, kPa (kgs/cm²)	900(9,2)	850(8,7)	850 (8,7)	850 (8,7)		820(8,4)	820(8,4)	820(8,4)	900 (9,2)	850 (8,7)
Valve type	AB	AB	AB	AB		AB	AB	AB	AB	AB
Tube designation	tubeless	tubeless	tubeless	tubeless		tubeless	tubeless	tubeless	tubeless	tubeless
Rim strip designation	-	-	-	-		-	-	-	-	-
Tyre weight, kg, under	58	65	70	65		67	70	75	81	60
Max. speed, km/h (Speed Index)	100(J); 70(E)**	130(M)	130(M)	110(K)		130(M)	130(M)	110 (K)	110(K)	115(L)
Tyre application	Steering and driving axle of town busses	Steering axle of trucks and busses	Driving axle of trucks and busses	Steering and driving axle of town and local busses		Steering axle of trucks and busses	Driving axle of trucks and busses	Trucks: steering and driving axle of vehicles, operated mainly at construction sites, open cuts and general use roads	Trailers and semi-trailers for heavy trucks	Trucks: different models of KAMAZ, busses: MAN, Volvo, Neoplan, Scania, Mercedes, LAZ-42071, LAZ-42072
Manufacturer	YTP	YTP	YTP	YTP		YTP	YTP	YTP	YTP	YTP

Combined Truck Tyres

TyRex CRG

0-184

425/85R21

425/85R21 model 0-184 controlled pressure tyre is intended for application on KamAZ-43118 trucks and variants. Due to the cross-country tread pattern the tyres may be operated in severe climate and road conditions, on all technical classes of roads, as well as on earth-roads and track roads, providing reliable performance in any weather.

The tyre demonstrates excellent traction and haulage capacity on dry, wet and snow road, excellent cross-country ability and self-purifying ability on fine ground and in off-road conditions combined with improved wear-resistance and durability. The tread pattern height complies with KamAZ technical requirements.

Tyre designation	425/85R21 nc 18
Tyre type	tubeless
Tread pattern	cross-country tread pattern
Rim contour designation:	
• recommended	310-533
• allowed	
Valve type	GK-5-165
Wheel load index (single/twin)	156
External diameter, max., mm	1260
Section width, max., mm	430
Static radius	580
Max. load, kN, (kgs):	
• on single tyre	39,46(4000)
• on twin tyre	
Inflation pressure, kPa (kgs/cm²)	490(5,0)
Allowed speed, (km/h)	100(J)
Tyre application	Trucks: KAMAZ 43118 (6x6), KAMAZ 43114 (6x6), KAMAZ 4326 (4x4), KAMAZ 4355 (6x6), KAMAZ 44108 (6x6), KAMAZ 4911 (4x4), KAMAZ -6350, KAMAZ-63501 "Mustang", KAMAZ -5350, Ural-43206, Ural-532301, Ural-4320, Ural-542301 and variants

0-79

8.25R20

A combined design tyre with steel-cord breaker and high-tension textile cord carcass is intended for operation on PAZ-3205 and GAZ-53 vehicles.

Due to the cross-country tread pattern in the shoulder area the tyres may be applied on steering and driving axles in severe climate and road conditions, on all technical classes of roads.

The tyre demonstrates excellent traction and haulage capacity on dry, wet and snow-covered road, excellent cross-country ability and self-purifying ability on fine ground and in off-road conditions combined with improved wear-resistance and durability.

Tyre designation	8,25R20 nc 14
Tyre type	tube-type
Tread pattern	road
Rim contour designation:	
• recommended	6,5-20
• allowed	
Valve type	GK-115
Wheel load index (single/twin)	133/131
External diameter, max., mm	976
Section width, max., mm	230
Static radius	453
Max. load, kN, (kgs):	
• on single tyre	20,2(2060)
• on twin tyre	19,12(1950)
Inflation pressure, kPa (kgs/cm²)	680(6.9)
Allowed speed, (km/h)	110(K)
Tyre application	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; Trucks: GAZ-53 and variants and trailers

0-168

11.00R20

Tyre designation	11,00R20
Tyre type	tube-type
Tread pattern	multi-purpose
Rim contour designation:	
• recommended	8,0-20
• allowed	8,5-20AB
Valve type	GK-145
Wheel load index (single/twin)	150/146
External diameter, max., mm	1098
Section width, max., mm	286
Static radius	500
Max. load, kN, (kgs):	
• on single tyre	32,86(3350)
• on twin tyre	29,43(3000)
Inflation pressure, kPa (kgs/cm²)	820(8,4)
Allowed speed, (km/h)	110(K)
Tyre application	Trucks: KAMAZ 43253 (4x2), KAMAZ 65117 (6x4), KAMAZ 65116 (6x4), KAMAZ 6540 (6x4), KAMAZ 65115 (6x4), KAMAZ 65111 (6x6), MAZ-533603 (4x2), MAZ-533605 (4x2), MAZ-533702 (4x2), MAZ-630305 (6x4), MAZ-630308 (6x4), MAZ-6422A5 (6x4)

Model 0-168 intended for operation on truck vehicles KamAZ -65115; KamAZ -65116; KamAZ -65117; MAZ and variants. Due to exclusive tread pattern the tyre may be used on highways and in severe climate and road conditions, as well as on earth-roads, providing reliable performance in any weather. The tyre demonstrates excellent traction and haulage capacity on dry, wet and snow road, excellent cross-country ability and self-purifying ability on fine ground and in off-road conditions combined with improved wear-resistance and durability.

Design advantages:

1 . Section geometry is the closest to that of a tyre section loaded with inflation pressure, in order to reduce shearing between the carcass layers at inflation;

2 . The optimum curve of the tread cap allows to reduce heat build-up in the center of contact providing even tension distribution in the elements of the tyre;

Tread pattern advantages:

1 . The solid central rib ensures improved stability and handling during straight movement;

2 . Optimum combination of grove and raised element width, as well as extension of rows from center to the edge of the tread cap, ensures even distribution of specific pressure in the contact surface;

3 . Cross grooves, which extend to the edge of the tread cap, ensure better self-purifying ability of the tread.

The road tests of 0-168 tyre on KAMAZ-65115 vehicle demonstrated:

-improvement of properties:

- up to 3 .3% reduction of fuel consumption;

-improvement of acceleration intensity by (2 .6 and 2%) up to (60 and 80) km/h respectively;

-slowdown path extension by 3 .4%;

-breaking distance reduction by 2% on dry road;

-equal properties:

-maximum speed;

-external noise level at acceleration and overrunning;

- breaking distance on wet road;

- stability and handling in critical movement modes.

External noise level, breaking distance and limit speed in abnormal modes on KAMAZ -65115 vehicles for the tested tyres comply with the Regulation Documents in force in the Russian Federation.

VM-201

8.25R20; 9.00R20; 10.00R20; 11.00R20; 12.00R20

A combined design tyre with steel-cord breaker, high-tension textile cord radial carcass and multi-purpose tread pattern. The state-of-art tread pattern allows to apply the tyre on any axle of the vehicle.

Performance properties: road holding and high traction due to application of four longitudinal outwards oriented grooves, required to work on steering axles, and V-shaped configuration of lateral grooves, displaced and inclined to the radial plane under different angles and in different directions; substantial mass reduction due to application of high tension anid cords.

Tyre designation	9,00R20	10,00R20
Tyre type	radial	radial
Tread pattern	multi-purpose	multi-purpose
Rim contour designation:		
• recommended	7,0-20	7,5-20
• allowed	6,5-20	8,0-20; 7,0-20
Valve type	GK-135	GK-145
Wheel load index (single/twin)	136/133	146/143
External diameter, max., mm	1033	1068
Section width, max., mm	268	286
Static radius	475	491
Max. load, kN, (kgs):		
• on single tyre	21,97(2240)	29,42(3000)
• on twin tyre	20,2(2060)	26,72(2725)
Inflation pressure, kPa (kgs/cm²)	630(6,4)	800(8,2)
Allowed speed, (km/h)	100(J)	110(K)
Tyre application	Trucks: KAMAZ different variants ZiL-433112, ZiL-433360, ZiL -432932, ZiL -494560, ZiL -497442, ZiL -494580, ZiL -433110, ZiL -433360, ZiL-452600, ZiL -442160, ZiL -478112, ZiL -5309H2, ZiL452222 variants and trailers	Trucks: KAMAZ-53215 (6x4), KAMAZ 54115 (6x4), KAMAZ 55111 (6x4), KAMAZ 65111 (6x6), KAMAZ 43255 (4x2), ZiL-433180, ZiL-534342, ZiL-4502642, ZiL-433180, ZiL-534340, ZiL-541720, ZiL-541740, ZiL-6309H0, variants and trailers

Tyre designation	8,25R20	8,25R20
Tyre type	radial	radial
Tread pattern	multi-purpose	multi-purpose
Rim contour designation:		
• recommended	6,5-20	6,5-20
• allowed	6,0-20	6,0-20
Valve type	GK-115	GK-115
Wheel load index (single/twin)	130/128	133/131
External diameter, max., mm	962	962
Section width, max., mm	230	230
Static radius	453	453
Max. load, kN, (kgs):		
• on single tyre	18,63(1900)	20,2(2060)
• on twin tyre	17,65(1800)	19,12(1950)
Inflation pressure, kPa (kgs/cm²)	600(6,1)	680(6,9)
Allowed speed, (km/h)	110(K)	110(K)
Tyre application	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers	Busses: KAVZ -4235, KAVZ -685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers

Tyre designation	11,00R20	12,00R20
Tyre type	radial	radial
Tread pattern	multi-purpose	multi-purpose
Rim contour designation:		
• recommended	8,0-20	8,5-20
• allowed	8,5-20	9,0-20
Valve type	GK-145	GK-145
Wheel load index (single/twin)	150/146	154/149
External diameter, max., mm	1098	1139
Section width, max., mm	297	313
Static radius	505	526
Max. load, kN, (kgs):		
• on single tyre	32,85(3350)	41,69(3750)
• on twin tyre	29,42(3000)	36,79(3750)
Inflation pressure, kPa (kgs/cm²)	820(8,4)	850(8,7)
Allowed speed, (km/h)	110(K)	100(J)
Tyre application	Trucks: KAMAZ 43253 (4x2), KAMAZ 65117 (6x4), KAMAZ 65116 (6x4), KAMAZ 6540 (8x4), KAMAZ 65115 (6x4), KAMAZ 65111 (6x6), MAZ-533603 (4x2), MAZ-533605 (4x2), MAZ-533702 (4x2), MAZ-630305 (6x4), MAZ-630308 (6x4), MAZ-42245 (6x4)	Trucks: KAMAZ 65225 (6x6), KAMAZ 65226 (6x6), KAMAZ 6520 (6x4), KAMAZ 6522 (6x6), KAMAZ 53605 (4x2), MAZ-631705 (6x6), MAZ-631708 (6x6), MAZ-5433A2 (5x2), MAZ-642245 (6x4), MAZ-555102 (4x2), MAZ-551605 (6x4), MAZ-551608 (6x4)

VR-210

11.00R20

Radial pneumatic tyres with multi-purpose tread pattern.

The road tread pattern design was developed with a view to ensuring safety and durable performance.

The pattern consists of 5 ribs, formed by direct line external grooves, providing stability and handling.

Introduction of shoulder ribs, semi-open siping inclined towards the direction of rotation, ensures road grip and improved breaking performance.

VR-210 tyre is intended for KamAZ and ZiL trucks, LiAZ, LAZ, Ikarus busses as well as imported trucks and busses, for which it is possible to use this tyre size (subject to observing the tyre performance properties in terms of maximum load and speed on improved surface roads (category I, II, III).

Tyre designation	11,00R20
Tyre type	radial
Tread pattern	road
Rim contour designation:	
• recommended	8,0-20
• allowed	8,5-20
Valve type	GK-145
Wheel load index (single/twin)	150/146
External diameter, max., mm	1098
Section width, max., mm	297
Static radius	505
Max. load, kN, (kgs):	
• on single tyre	32,85(3350)
• on twin tyre	29,42(3000)
Inflation pressure, kPa (kgs/cm²)	820(8,4)
Allowed speed, (km/h)	110(K)
Tyre application	Busses: IKARUS-250, -255, trolley busses, trucks: KAMAZ 43253 (4x2), KAMAZ 65117 (6x4), KAMAZ 65116 (6x4), KAMAZ 6540 (8x4), KAMAZ 65115 (6x4), KAMAZ 65111 (6x6), MAZ-533603 (4x2), MAZ-533605 (4x2), MAZ-533702 (4x2), MAZ-630305

Combined Truck Tyres TyRex CRG

Model	TyRexCRG Road O-79	TyRexCRG Road O-79	TyRexCRG VM-201	TyRexCRG VM-201	TyRexCRG VM-201	TyRexCRG VM-201		TyRexCRG VM-201	TyRexCRG VR-210	TyRexCRG Universal O-168	TyRexCRG VM-201	TyRexCRG O-184	TyRexCRG O-184	TyRexCRG O-184
Tyre designation	8,25R20	8,25R20	8,25R20	8,25R20	9,00R20	10,00R20		11,00R20	11,00R20	11,00R20	12,00R20	425/85R21	425/85R21	425/85R21
Design	radial	radial	radial	radial	radial	radial		radial	radial	radial	radial	radial	radial	radial
Tread pattern	road	road	multi-purpose	multi-purpose	multi-purpose	multi-purpose		multi-purpose	road	multi-purpose	multi-purpose	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern
External diameter, mm	962±14	962±14	962±14	962±14	1018±15	1052±16		1082±16	1082±16	1082±16	1122±17	1260±19	1260±19	1260±19
Section width, mm, under	230	230	230	230	268	286		297	297	286	313	430	430	430
Static radius, mm	453±7	453±7	453±7	453±7	475±7	491±7		505±8	505±8	500±8	526±8	580±9	580±9	580±9
Recommended rim	6,5-20	6,5-20	6,65-20	6,5-20	7,0-20	7,5-20		8,0-20	8,0-20	8,0-20	8,5-20	310-533	310-533	310-533
Acceptable rim	6,0-20	6,0-20	6,0-20	6,0-20	6,5-20	8,0-20; 7,0-20		8,5-20	8,5-20	8,5-20	9,0-20	-	-	-
Ply rating	12	14	12	14	12	16		16	16	16	18	14	18	20
Load Index	130/128	133/131	130/128	133/131	136/133	146/143		150/146	150/146	150/146	154/149	146	156	160
Max. load kN (kgs) single/twin tyre	18632(1900)/ 17652(1800)	20201(2060) / 19123(1950)	18632(1900)/ 17652(1800)	20201(2060)/ 19123(1950)	21967(2240)/ 20201(2060)	29420(3000)/ 26723(2725)		32852(3350)/ 29420(3000)	32852(3350)/ 29420(3000)	32852(3350) / 29420(3000)	36774(3750)/ 31871(3250)	29430(3000)	39460(4000)	44150 (4500)
Inflation pressure, for max. load, kPa (kgs/cm²)	600 (6,1)	680 (6,9)	600 (6,1)	680 (6,9)	630(6,4)	800(8,2)		820(8,4)	820(8,4)	820(8,4)	850(8,7)	450(4,6)	490(5,0)	550 (5,6)
Valve type	GK-115	GK-115	GK-115	GK-115	GK-135	GK-145		GK-145	GK-145	GK-145	GK-145	RK-5-165, RK-5A-145	GK-5-165, GK-5A-145	GK-5-165, GK-5A-145
Tube designation	8,25-20	8,25-20	8,25-20	8,25-20	9,00-20	10,00-20		11,00-20	10,00-20	11,00-20	12,00-20	1200x400-533	1220x400-533	1220x400-533
Rim strip designation	6,7-20	6,7-20	6,7-20	6,7-20	6,7-20	7,7-20		7,7-20	7,7-20	7,7-20	7,7-20	340-533	340-533	340-533
Tyre weight, kg, under	39,8	40,5	37	38	46	63		61	63	63,8	75	122,3	121	121
Max. speed, km/h (Speed Index)	110(K)	110 (K)	110(K)	110(K)	110(J)	110 (K)		110(K)	110(K)	110(K)	100 (J)	100(K)	100(J)	100(J)
Tyre application	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers	Trucks: KAMAZ different variants ZiL-433112, ZiL -433362, ZiL -432932, ZiL -494560, ZiL-497442, ZiL-494582, ZiL-433110, ZiL-433360, ZiL-432930, ZiL-442160, ZiL -478112, ZiL -6309H2, ZiL -452222 variants and trailers	Trucks: KAMAZ 53215 (6x4), KAMAZ 54115 (6x4), KAMAZ 55111 (6x4), KAMAZ 65111 (6x6), KAMAZ 43255 (4x2), ZiL -433182, ZiL -534342, ZiL -452642, ZiL -433180, ZiL -534340, ZiL -541720, ZiL -541740, ZiL -6309H0, variants and trailers		Trucks: KAMAZ 43253 (4x2), KAMAZ 65117 (6x4), KAMAZ 65116 (6x4), KAMAZ 6540 (8x4), KAMAZ 65115 (6x4), KAMAZ 65111 (6x6), MAZ-533603 (4x2), MAZ-533605 (4x2), MAZ-533702 (4x2), MAZ-630305 (6x4), MAZ-630308 (6x4), MAZ-6422A5 (6x4)	Busses: IKARUS-250, -255, trolley busses trucks: KAMAZ 43253 (4x2), KAMAZ 65117 (6x4), KAMAZ 65116 (6x4), KAMAZ 6540 (8x4), KAMAZ 65115 (6x4), KAMAZ 65111 (6x6), MAZ-533603 (4x2), MAZ-533605 (4x2), MAZ-533702 (4x2), MAZ-630305	Trucks: KAMAZ 43253 (4x2), KAMAZ 65117 (6x4), KAMAZ 65116 (6x4), KAMAZ 6540 (8x4), KAMAZ 65115 (6x4), KAMAZ 65111 (6x6), MAZ-533603 (4x2), MAZ-533605 (4x2), MAZ-533702 (4x2), MAZ-630305 (6x4), MAZ-630308 (6x4), MAZ-6422A5 (6x4)	Trucks: KAMAZ 65225 (6x6), KAMAZ 65226 (6x6), KAMAZ 6520 (6x4), KAMAZ 6522 (6x6), KAMAZ 53605 (4x2), MAZ-631705 (6x6), MAZ-631708 (6x6), MAZ-5433A2 (5x2), MAZ-6422A5 (6x4), MAZ-555102 (4x2), MAZ-551605 (6x4), MAZ-551608 (6x4)	Trucks: KAMAZ 43118 (6x6), KAMAZ 43114 (6x6), KAMAZ 4326 (4x4), KAMAZ 4355 (6x6), KAMAZ 44108 (6x6), KAMAZ 4911 (4x4), KAMAZ-6350, KAMAZ-63501 “Mustang”, KAMAZ-5350, Ural-43206, Ural-532301, Ural-4320, Ural-542301 and variants	Trucks: KAMAZ 43118 (6x6), KAMAZ 43114 (6x6), KAMAZ 4326 (4x4), KAMAZ 4355 (6x6), KAMAZ 44108 (6x6), KAMAZ 4911 (4x4), KAMAZ-6350, KAMAZ-63501 “Mustang”, KAMAZ-5350, Ural-43206, Ural-532301, Ural-4320, Ural-542301 and variants	Trucks: KAMAZ 43118 (6x6), KAMAZ 43114 (6x6), KAMAZ 4326 (4x4), KAMAZ 4355 (6x6), KAMAZ 44108 (6x6), KAMAZ 4911 (4x4), KAMAZ-6350, KAMAZ-63501 “Mustang”, KAMAZ-5350, Ural-43206, Ural-532301, Ural-4320, Ural-542301 and variants
Manufacturer	Omskshina	Omskshina	Omskshina	Omskshina	Omskshina	Omskshina		Omskshina	Omskshina	Omskshina	Omskshina	Omskshina	Omskshina	Omskshina

Combined Truck Tyres Omskshina

Combined Truck Tyres Omskshina

Model	O-49	IY-112A	MI173-1	VI-25		U-2	U-2	IK-6AMO	M-149A	I-N142B-1
Tyre designation	6,50-20	7,50-20	7,50-20	8,25R20		8,25R20	8,25R20	8.25-20	8,25-20	9,00R20
Design	bias	bias	bias	radial		radial	radial	bias	bias	radial
Tread pattern	road	multi-purpose	multi-purpose	road		multi-purpose	multi-purpose	multi-purpose	road	multi-purpose
External diameter, mm	875±13	932	932±14	962±14		962±15	962±15	976±15	992±15	1018±15
Section width, mm, under	184	217	217	230		230	230	235	241	258
Static radius, mm	415±6	445±7	445±7	445±7		453±7	453±7	465±7	464±8	475±7
Recommended rim	5,0-20	6,0-20	6,0-20	6,5-20		6,5-20	6,5-20	6,5-20	6,5-20	7,0-20
Acceptable rim	3,75P	6,5-20	6,0-20	6,0-20		6,0-20	6,0-20	6,0-20	7,0-20	6,5-20
Ply rating	10	8	8	12		10	12	10	14	12
Load Index	112/109	119-116	119/116	130/128		125/122	130/128	125/122	-	136/133
Max. load kN (kgs) single/twin tyre	11030/10050 (1125/1025)	13340/12260 (1360/1250)	13340/12260 (1360/1250)	18840/17660 (1900/1800)		16190/14720 (1650/1500)	18840/17660 (1900/1800)	18840/17660 (1900/1800)	For trailers: 20850 (2300) Twin: 21672(2210)	21970/20210 (2240/2060)
Inflation pressure, for max. load, kPa (kgs/cm²)	485(4,9)	440(4,5)	440(4,5)	600(6,1)		500(5,1)	600(6,1)	490(5,0)	670(6,8)	630(6,4)
Valve type	GK-115	GK-115	GK-115	GK-115		GK-115	GK-115	GK-115	GK-135	GK-135
Tube designation	6,50-20	7,50-20	7,50-20	8,25-20		8,25-20	8,25-20	8,25-20	8,25-20 M-149A	9,00-20
Rim strip designation	4,5-20; 3,5-20	6,7-20	6,7-20	6,7-20		6,7-20	6,7-20	6,7-20	6,7-20	6,7-20
Tyre weight, kg, under	28,0	30,8	34	42,5		41,7	43,7	35,7	39,5	54,0
Max. speed, km/h (Speed Index)	100(J)	100(J)	100(J)	120(L)		100(J)	100(J)	100(J)	50(B)	100 (J)
Tyre application	Trucks: IFA, ROBUR (LD 3000) and AVIA-30,-31	Trucks: GAZ-51, GAZ-52, and variants and trailers with carrying capacity under 3 tons	Trucks: GAZ-51, GAZ-52, and variants and trailers with carrying capacity under 3 tons	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers		Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53 and variants and trailers	Busses: KAVZ-4235, KAVZ-685, PAZ-32052, PAZ-32053, PAZ-3206, PAZ-652, PAZ-672; trucks: GAZ-53, SAZ 3503 and variants and trailers	Lift trucks 4065, 4045P, 4050; heavy-duty trailers CMZAP, MAZ	Trucks: KAMAZ different variants, ZiL-433112, ZiL-433362, ZiL-432932, ZiL-494560, ZiL-497442, ZiL-494582, ZiL-433110, ZiL-433360, ZiL-432930, ZiL-442160, ZiL-478112, ZiL-6309H2, ZiL-452222 variants and trailers
Manufacturer	Voltyre-Prom	Omskshina	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom, Omskshina	Omskshina	Omskshina	Omskshina	Voltyre-Prom, Omskshina

Combined Truck Tyres Omskshina

Model	O-128	O-40BM-1	VI-244	OI-73Б		I-281 U-4	O-164	I-111A	ID-304 U4	ID-304 U4
Tyre designation	9,00R20	9,00R20	9,00-20	10,00R20		10,00R20	10,00-20	11,00R20	12,00R20	12,00R20
Design	radial	radial	bias	radial		radial	radial	radial	radial	radial
Tread pattern	multi-purpose	multi-purpose	multi-purpose	road		multi-purpose	multi-purpose	road	multi-purpose	multi-purpose
External diameter, mm	1018±15	1018±15	1018±15	1052±16		1052±16	1052±16	1080±11	1122±16	1122±16
Section width, mm, under	258	258	260	275		275	275	286	313	313
Static radius, mm	475±7	475±7	475±7	491±7		491±7	491±7	505±5	526±8	526±8
Recommended rim	7,0-20	7,0-20	7,0-20	7,5-20		7.5-20	7,5-20	8,0-20	8,5-20	8,5+20
Acceptable rim	6,5-20	6,5-20	6,5-20	8,0-20; 7,0-20		8.0-20; 7,0-20	8,0-20; 7,0-20	8,5-20	9,0-20	9,0-20
Ply rating	12	12	12	16		16	16	16	14	18
Load Index	136/133	136/133	136/133	146/143		146/143	146/143	150/146	146/143	154/149
Max. load kN (kgs) single/twin tyre	21970/20210/ (2240/2060)	21970/20210 (2240/2060)	21970/20210 (2240/2060)	29430/26730 (3000/2725)		29430/26730 (3000/2725)	29430/26730 (3000/2725)	31880/28450 (3250/2900)	29430/26730 (3000/2725)	36775/31880 (3750/3250)
Inflation pressure, for max. load, kPa (kgs/cm²)	630(6,4)	660(6,7)	630(6,4)	800(8,2)		800(8,2)	800(8,2)	795(8,1)	700(7,1)	850(8,7)
Valve type	GK-135	GK-135	GK-135	GK-145		GK-145	GK-145	GK-145	GK-145	GK-145
Tube designation	9,00-20	9,00-20	9,00-20	10,00-20		10,00-20	10,00-20	11,00-20	12,00-20	12,00-20
Rim strip designation	6,7-20	6,7-20	6,7-20	7,5-20		7,7-20	7,7-20	7,7-20	7,7-20	7,7-20
Tyre weight, kg, under	47,0	48,4	48,2	62,6		63,6	61,6	68,1	78,4	85,0
Max. speed, km/h (Speed Index)	100(J)	100(J)	100(J)	110(K)		110(K)	110(K)	100(J)	100(J)	100(J)
Tyre application	Trucks: KAMAZ different variants, ZiL-433112, ZiL-433362, ZiL-432932, ZiL-494560, ZiL-497442, ZiL-494582, ZiL-433110, ZiL-433360, ZiL-432930, ZiL-442160, ZiL-478112, ZiL-6309H2, ZiL-452222 variants and trailers	Trucks: KAMAZ different variants, ZiL-433112, ZiL-433362, ZiL-432932, ZiL-494560, ZiL-497442, ZiL-494582, ZiL-433110, ZiL-433360, ZiL-432930, ZiL-442160, ZiL-478112, ZiL-6309H2, ZiL-452222 variants and trailers	Trucks: KAMAZ, ZiL-130 variants and trailers	Busses: LiAZ-677, 677M, LAZ-695 and other bus and car models and trailers		Trucks: KAMAZ 53215 (6x4), KAMAZ 54115 (6x4), KAMAZ 55111 (6x4), KAMAZ 65111 (6x6), KAMAZ 43255 (4x2), ZiL-433182, ZiL-534342, ZiL-452642, ZiL-433180, ZiL-534340, ZiL-541720, ZiL-541740, ZiL-6309H0, variants and trailers	Trucks: KAMAZ 53215 (6x4), KAMAZ 54115 (6x4), KAMAZ 55111 (6x4), KAMAZ 65111 (6x6), KAMAZ 43255 (4x2), ZiL-433182, ZiL-534342, ZiL-452642, ZiL-433180, ZiL-534340, ZiL-541720, ZiL-541740, ZiL-6309H0, variants and trailers	Busses: IKARUS-250, -255, trolley busses, trucks: KAMAZ 43253 (4x2), KAMAZ 65117 (6x4), KAMAZ 65116 (6x4), KAMAZ 6540 (8x4), KAMAZ 65115 (6x4), KAMAZ 65111 (6x6), MAZ-533603 (4x2), MAZ-533605 (4x2), MAZ-533702 (4x2), MAZ-630305	Trucks: KAMAZ 65225 (6x6), KAMAZ 65226 (6x6), KAMAZ 6520 (6x4), KAMAZ 6522 (6x6), KAMAZ 53605 (4x2), MAZ-631705 (6x6), MAZ-631708 (6x6), MAZ-5433A2 (5x2), MAZ-6422A5 (6x4), MAZ-555102 (4x2), MAZ-551605 (6x4), MAZ-551608 (6x4)	Trucks: KAMAZ 65225 (6x6), KAMAZ 65226 (6x6), KAMAZ 6520 (6x4), KAMAZ 6522 (6x6), KAMAZ 53605 (4x2), MAZ-631705 (6x6), MAZ-631708 (6x6), MAZ-5433A2 (5x2), MAZ-6422A5 (6x4), MAZ-555102 (4x2), MAZ-551605 (6x4), MAZ-551608 (6x4)
Manufacturer	Omskshina	Voltyre-Prom, Omskshina	Omskshina	Omskshina		Omskshina	Omskshina	Omskshina	Omskshina	Omskshina

Combined Truck Tyres Omskshina

Model	K-70	IY-241	I-332, D-4	O-108		O-75	VI-243 UD 1	VI-243 UD 1	M-93	O-103
Tyre designation	12,00-18	12.00-20	12,00R20	12,00R20		12,00R20	12,00-20	12,00-20	12,00-20	14,00R20
Design	bias	bias	radial	radial		radial	bias	bias	bias	radial
Tread pattern	cross-country tread pattern	road	road	road		multi-purpose	multi-purpose	multi-purpose	cross-country tread pattern	multi-purpose
External diameter, mm	1084±8	1120±17	1122±16	1122±16		1122±16	1130±17	1140±17	1142±8	1238±19
Section width, mm, under	337	325	313	313		313	330	315	335	370
Static radius, mm	505±5	520±9	526±8	526±8		526±8	550±8	537±8	530±5	572±9
Recommended rim	465-228 (228Г-457)	8,5-20	8,5-20	8,5-20		8,5-20	8,5-20	8,5-20	228Г-508	10,0-20
Acceptable rim	-	8,0-20	9,0-20	9,0-20		9,0-20	9,0-20	9,0-20	-	-
Ply rating	8	20	18	18		18	16	14	8	18
Load Index	129/124	160	154/149	154/149		154/149	150/146	146/143	-	160/157
Max. load kN (kgs) single/twin tyre	18142(1850)	44145(4500)	36775/31180 (3750/3250)	36775/31880 (3750/3250)		36775/31880 (3750/3250)	32852/29430 (3350/3000)	29430/26730 (3000/2725)	21580(2200)	44130/40452 (4500/4125)
Inflation pressure, for max. load, kPa (kgs/cm²)	340(3,5)	750(7,6)	850(8,7)	850 (8,7)		850 (8,7)	680(6,9)	550(5,6)	410(4,2)	710(7,2)
Valve type	GK-120	GK-145	GK-145	GK-145		GK-145, GK-165	GK-145	GK-145	GK-135, GK-145	GK-170
Tube designation	12,00-18	12,00-20	12,00-20	12,00-20		12,00-20	12,00-20	12,00-20	12,00-20	14,00-20
Rim strip designation	205-457	7,7-20	7,7-20	7,7-20		7,7-20	7,7-20	7,7-20	205-508	10,5-20
Tyre weight, kg, under	63,0	76,4	90,0	79,4		81,9	73,9	72,9	85	110,5
Max. speed, km/h (Speed Index)	80 (F); 95 (G)	65(D)	100(J)	100(J)		100(J)	85(G)	85(G)	80(F)	90(G)
Tyre application	Trucks: GAZ-66, ZIL-157 and variants	Trucks: cranes on vehicle undercarriage KS 6471 and other vehicles with carrying capacity of 40 tons	Trolley busses: ZiU-683Б, ZiU-682B articulated and HC; trucks: MAZ-5337, MAZ-5551, MAZ-5549 variants and trailers	Trolley busses		Trucks: KAMAZ 65225 (6x6), KAMAZ 65226 (6x6), KAMAZ 6520 (6x4), KAMAZ 6522 (6x6), KAMAZ 53605 (4x2), MAZ-631705 (6x6), MAZ-631708 (6x6), MAZ-5433A2 (5x2), MAZ-6422A5 (6x4), MAZ-555102 (4x2), MAZ-551605 (6x4), MAZ-551608 (6x4)	Trucks: KAMAZ 65225 (6x6), KAMAZ 65226 (6x6), KAMAZ 6520 (6x4), KAMAZ 6522 (6x6), KAMAZ 53605 (4x2), MAZ-631705 (6x6), MAZ-631708 (6x6), MAZ-5433A2 (5x2), MAZ-6422A5 (6x4), MAZ-555102 (4x2), MAZ-551605 (6x4), MAZ-551608 (6x4)	Trucks: KAMAZ 65225 (6x6), KAMAZ 65226 (6x6), KAMAZ 6520 (6x4), KAMAZ 6522 (6x6), KAMAZ 53605 (4x2), MAZ-631705 (6x6), MAZ-631708 (6x6), MAZ-5433A2 (5x2), MAZ-6422A5 (6x4), MAZ-555102 (4x2), MAZ-551605 (6x4), MAZ-551608 (6x4)	Trucks: ZIL-131	Trucks: MAZ-530905 (4x4), IVEKO-380-30ANW and variants
Manufacturer	Omskshina	Omskshina	Omskshina	Omskshina		Omskshina	Omskshina	Omskshina	Omskshina	Omskshina

Combined Truck Tyres Omskshina

Model	0-47A	0-47A	ID-P284	I-P184		VI-3	VI-3	OI-25	OI-25	KyF-24VI
Tyre designation	400/70-533 (1100x400-533)	400/70-533 (1100x400-533)	500/70-508 (1200x500-508)	400/80-21 (1220x400-533)		1300x530-533	1300x530-533	14.00-20	14,00-20	1300x530-533
Design	bias	bias	bias	bias		bias	bias	bias	bias	bias
Tread pattern	multi-purpose	multi-purpose	cross-country tread pattern	cross-country tread pattern		cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	multi-purpose
External diameter, mm	1120±10	1120±10	1185±15	1200		1280	1260	1260±10	1260±10	1290
Section width, mm, under	410	420	475	418		525	530	390	390	530
Static radius, mm	525±5	525±5	548±10	560		585	580	583±5	585±5	600
Recommended rim	533-330 (330-533)	533-330 (330-533)	514-400 (400Г-508)	310-533		533-440 (440-533)	533-440 (440-533)	515-254 (254Г-508)	515-254 (254Г-508)	533-440 (440-533)
Acceptable rim	-	-	-	-		-	-	-	-	-
Ply rating	12	14	16	10		12	16	10	14	14
Load Index	145	149	156	141		156	173	145	147	154
Max. load kN (kgs) single/twin tyre	28047(2860)	32362(3300)	39277(4000)	25595(2610)		39227(4000)	63700(6500)	28439(2900)	30400(3100)	37265(3800)
Inflation pressure, for max. load, kPa (kgs/cm²)	350(3,6)	410(4,2)	520(5,3)	310(3,2)		390(4,0)	610(6,2)	380(3,9)	420(4,3)	363(3,7)
Valve type	GK-170	GK-170	GK-170, Er-161; GK-165; RK-5A-145	RK-5-165		RK-5-145	GK-95	GK-165, 170	RK-5A-145	GK-95
Tube designation	110x400-533	1100x400-533	1200x500-508	1220x400-533		1300x530-533	1300x530-533	14,00-20	14,00-20	1300x530-533
Rim strip designation	320-533	320-533	475-508	320-533A		475-533	475-533	300-508	300-508	475-533
Tyre weight, kg, under	92,4	87,4	113,6	100,4		126,0	150,0	100,1	100,1	160,0
Max. speed, km/h (Speed Index)	88(G)	88(G)	80(F)	85(G)		80(F)	50(B)	85(G)	85(G)	40(A8)
Tyre application	Trucks: Ural-375H, Ural-375CH, Ural-377H, Ural-44202, Ural-43202 and variants	Trucks: Ural-375H, Ural-375CH, Ural-377H, Ural-44202, Ural-43202, Ural 5557 and variants	Trucks: Ural-44202, Ural-542362, Ural-4320 and variants with constant and regulated pressure	Trucks: KAMAZ-4310, KAMAZ-43105 and regulated pressure variants		Trucks: KrAZ-214, KrAZ-253, KrAZ-255A, KrAZ-256A, KrAZ-255B, IVECO, Ural and variants and regulated pressure semi-trailer MAZ-938	Trucks: KrAZ-214, KrAZ-253, KrAZ-255A, KrAZ-256A, KrAZ-255B, IVECO, Ural and variants and regulated pressure semi-trailer MAZ-938	Trucks: Ural-532301, Ural-4320, Ural-542301, Ural-375Д, Ural-377 and regulated pressure variants	Trucks: Ural-532301, Ural-4320, Ural-542301, Ural-375Д, Ural-377 and regulated pressure variants	Log trucks: KrAZ-260L, KrAZ-255L
Manufacturer	Omskshina	Omskshina	Omskshina	Omskshina		Omskshina	Omskshina	Omskshina	Omskshina	Omskshina

Agricultural Tyres

TyRex Agro

DF-1

800/65R32

Novelty by the Company – Tyrex Agro DF-1 800/65R32 tubeless tyre with a load index of 172. DF-1 model is expressly intended for corn harvesters and harvester- threshers (Claas Tucano 430, 450, John Deere 9670, Case New Holland CXS 7080).

The DF-1 tyre has a special improved tread pattern. The geometry of lugs and lug base spherical radius have been changed. Those changes improved tyre safety during corn harvesting. The aggressive crop residues are not blocked by the lug any more, but gently bent outwards, preventing early failure.

High-strength anid cord which is used in the production of DF-1 tyres has improved the temperature stability as compared to standard cord (any tyre heats up during long-term continued operation and the cord strength declines). In addition to the improved heat resistance this cord has improved strength properties, which allow to increase the load index up to 172 and reduce the number of carcass plies. This ensures lower tyre weight, floor pressure and fuel consumption.

DR-103

800/65R32

Radial tubeless textile carcass and breaker tyre, intended for operation on domestic and imported tractors and combined harvesters (John Deere, Case, New Holland, Class, Belarus, HTZ, RSM). The tyre's tread pattern has an extra-wide tread cap with conventional directional tread pattern common for cross-country tread pattern tyres. The tyre is intended for operation on plough-land, harvested field, driving on farm and earth roads, as well as on sealed roads.

Application of special anid cord allowed improving the carcass strength, increasing the load index without decreasing the speed index and reducing tyre weight; good cross-country ability and good self-purifying ability of the tread pattern; new components of rubber compound help to improve tread durability, especially for operation on solid bearing areas, due to reduction of micro fractures; the tread pattern has been improved to increase traction; floor pressure has been reduced as compared to conventional tyres.

DF-101

650/75R32

Radial tubeless textile carcass and breaker tyre, intended for operation on domestic and imported tractors and combined harvesters (John Deere, Case, New Holland, Class, Belarus, HTZ, RSM). Conventional directional tread pattern, common for cross-country tread pattern tyres. The tyre is intended for operation on plough-land, harvested field, driving on farm and earth roads, as well as sealed roads.

- application of special anid cord allowed improving the carcass strength, increase the load index and reduce tyre weight;
- good cross-country ability and good self-purifying ability of the tread pattern;
- new components of rubber compound help to improve tread durability on solid bearing areas due to reduction of micro fractures;
- the tread pattern has been improved to increase traction.

DR-109

420/85R28; 600/65R28; 520/85R38; 710/70R38; 650/75R38

Radial tubeless textile carcass and breaker tyre, intended for operation on domestic and imported tractors and combined harvesters (John Deere, Case, New Holland, Class, Belarus, HTZ, RSM). The tyre's tread pattern has a tread cap with conventional directional tread pattern common for cross-country tread pattern tyres. The tyre is intended for operation on plough-land, harvested field, driving on farm and earth roads, as well as sealed roads.

The range has been developed to supply tractor production at the request of John Deere and has been approved according to field-test results.

- conventional tractor tread with a typical strong center ensures good purifying ability and good traction;
- floor pressure in compliance with international standards;
- towing capacity according to the requirements of state-of-art agro machinery.

Tyre designation	800/65R32
Design	radial
Tread pattern	cross country tread
Rim contour designation:	
• recommended	DW27B
• allowed	DW25B, DH27B
Valve type	tubeless
Max. load, kN, (kgs):	61,80 (6300)
External diameter, max., mm	1847
Section width, max., mm (under)	818
Static radius	830
Inflation pressure, for max. load, kPa (kgs/cm^2)	240 (2,4)
Allowed speed, km/h	40 (A8)

Tyre designation	800/65R32	800/65R32
Design	radial	radial
Tread pattern	cross country tread	cross country tread
Rim contour designation:		
• recommended		DW27
• allowed		DW25B, DH27B
Valve type		tubeless, tube-type
Max. load, kN, (kgs):	53,41 (5450)	6300
External diameter, max., mm	1820	1820
Section width, max., mm (under)	798	798
Static radius	830	830
Inflation pressure, for max. load, kPa (kgs/cm^2)	160 (1,6)	240 (2,4)
Allowed speed, km/h	40 (A8)/50(B)	40 (A8)

Tyre designation	650/75R32	650/75R32
Design	radial	radial
Tread pattern	cross country tread	cross country tread
Rim contour designation:		
• recommended	DW21A	DW21A
• allowed	DW20A	DW20A
Valve type	-	tubeless
Max. load, kN, (kgs):	53,41 (5450)	61,80 (6300)
External diameter, max., mm	1816	1816
Section width, max., mm (under)	655	655
Static radius	803	803
Inflation pressure, for max. load, kPa (kgs/cm^2)	240(2,4)	320 (3,2)
Allowed speed, km/h	40(AB)/50(B)	A8/B

Tyre designation	420/85R28	600/65R28	520/85R38	710/70R38	650/75R38
Design	radial	radial	radial	radial	radial
Tread pattern	cross country tread	cross country tread	cross country tread	cross country tread	cross country tread
Rim contour designation:					
• recommended	W15	DW18L	DW18L	DW23A	DW20A
• allowed	W15L, W14L, DW14L	W18L, W16L, DW20A	DW16L	DW23A	DW21A, DW23A
Valve type			-		tubeless
Max. load, kN, (kgs):	23815(2430)/ 21955(2240)	30135(3075)/ 27440(2800)	37975(3875)/ 34790(3550)	51940(5300)/ 47775(4875)	5800/5300
External diameter, max., mm	1446	1513	1877	2092	1970
Section width, max., mm (under)	438	591	536	716	645
Static radius	640	665	825	887	865
Inflation pressure, for max. load, kPa (kgs/cm^2)	160(1,6)	160(1,6)	160(1,6)	160(1,6)	240(2,4)
Allowed speed, km/h	40(A8)/50(B)	40(A8)/50(B)	40(A8)/50(B)	40(A8)/50(B)	40/50; A8/B

DR-105

14.9R24, 18.4R24

Radial tubeless textile carcass and breaker tyre, intended for operation on domestic and imported tractors and combined harvesters (John Deere, Case, New Holland, Class, Belarus, HTZ, RSM). The tyre's tread pattern has a tread cap with conventional directional tread pattern common for cross-country tread pattern tyres. The tyre is intended for operation on plough-land, harvested field, driving on farm and earth roads, as well as sealed roads.

- improved operability;
- excellent self-purifying ability;
- excellent cross-country ability;
- improved endurance on solid surface;
- reduced maximum floor pressure.

DR-106

420/70R24

Radial tubeless textile carcass and breaker tyre, intended for operation on domestic and imported tractors and combined harvesters (John Deere, Case, New Holland, Class, Belarus, HTZ, RSM). The tyre's tread pattern has a tread cap with conventional directional tread pattern common for cross-country tread pattern tyres. The tyre is intended for operation on plough-land, harvested field, driving on farm and earth roads, as well as on sealed roads.

- improved operability;
- excellent cross-country ability;
- improved endurance on solid surface;
- reduced maximum floor pressure comparable with the international benchmarks;

DR-108

21.3R24

Application: OEM supplies for production of tractors and tractor trailers for industrial, construction, forestry and other service conditions.

- conventional tractor tread with a typical strong center ensures good purifying ability and good traction;
- average and maximum floor pressure comparable to international standards;
- agronomical and economical properties comparable with international standards;
- towing capacity in compliance with agronomical requirements.

DR-111

620/75R26

Radial tubeless textile carcass and breaker tyre, intended for operation on domestic and imported tractors and combined harvesters (John Deere, Case, New Holland, Class, Belarus, HTZ, RSM). The tyre's tread pattern has a tread cap with conventional directional tread pattern common for cross-country tread pattern tyres. The tyre is intended for operation on plough-land, harvested field, driving on farm and earth roads, as well as sealed roads.

- the tyre has a closed road grip tread pattern composed of solid lugs, equal in width, located on both sides of peripheral axle;
- the width and the frequency of lugs have been improved in terms of cross-country ability on plough-land and operability on sealed roads;
- the pattern ensures excellent self-purifying ability;
- the tyre has low level of maximum floor contact pressure;
- fuel consumption comparable to international benchmarks.

Tyre designation	14,9R24	18,4R24
Design	radial	radial
Tread pattern	cross-country tread pattern	cross-country tread pattern
Rim contour designation:		
• recommended	W13	DW16
• allowed	W12, DW12, DW13	W16L, DW16L, W15L, DW15L
Valve type	-	TK
Max. load, kN, (kgs):	16660(1700)/ 15190(1550)	23815(2430)/ 21950(2240)
External diameter, max., mm	1264	1416
Section width, max., mm (under)	378	467
Static radius	565	620
Inflation pressure, for max. load, kPa (kgs/cm^2)	160(1,6)	160(1,6)
Allowed speed, km/h	40(A8)/50(B)	40(A8)/50(B)

Tyre designation	420/70R24
Design	radial
Tread pattern	cross-country tread pattern
Rim contour designation:	
• recommended	W13
• allowed	W12, DW12, DW13, W14L, DW14L
Valve type	4B01-for tubeless tyre
Max. load, kN, (kgs):	18620(1900)/ 17150(1750)
External diameter, max., mm	1264
Section width, max., mm (under)	418
Static radius	569
Inflation pressure, for max. load, kPa (kgs/cm^2)	160(1,6)
Allowed speed, km/h	40(A8)/50(B)

Tyre designation	21,3R24
Design	radial
Tread pattern	cross-country tread pattern
Rim contour designation:	
• recommended	DW18
• allowed	
Valve type	TK, GK-105
Max. load, kN, (kgs):	24,50(2500)
External diameter, max., mm	1421
Section width, max., mm (under)	540
Static radius	640
Inflation pressure, for max. load, kPa (kgs/cm^2)	160 (1,6)
Allowed speed, km/h	30(A6)

Tyre designation	620/75R26
Design	bias
Tread pattern	cross-country tread pattern
Rim contour designation:	
• recommended	DW20A
• allowed	
Valve type	TK
Max. load, kN, (kgs):	35,78(3650)/32,83(3350)
External diameter, max., mm	1614
Section width, max., mm (under)	625
Static radius	711
Inflation pressure, for max. load, kPa (kgs/cm^2)	160(1/6)
Allowed speed, km/h	40(A8)/50(B)

DN-104B DN-104

9.5-32, 9.5R-32

Textile carcass and breaker tyre is intended for operation on the driving axles of domestic and imported tractors.

The tyre's tread pattern has a tread cap with conventional directional tread pattern common for cross-country tread pattern tyres. The tyre is intended for operation on plough-land, harvested field, driving on farm and earth roads, as well as sealed roads.

The directional tread pattern ensures excellent cross-country ability, good self-purifying ability and reliable road grip on solid surface; average and maximum floor pressure comparable to international standards; improved operability and durability for the class of tyres.

Tyre designation	9,5-32 DN-104B	9,5R-32 DN-104 B
Design	bias	radial
Tread pattern	cross-country tread	cross-country tread
Rim contour designation:		
• recommended	W8	W8
• allowed	W7	W7
Valve type	TK	TK
Max. load, kN, (kgs):	12,60 (1285)	10,98 (1120)
External diameter, max., mm	1264	1269
Section width, max., mm (under)	241	241
Static radius	595	579
Inflation pressure, for max. load, kPa (kgs/cm^2)	280 (2.8)	160 (1,6)
Allowed speed, km/h	30 (A6)	40 (A8)

DR-102

7.50L-16

Application: on the driving wheels of domestic and imported tractors and other agricultural machines

- improved grip on a field and on a harvested field;
- improved rugosity in the center, ensuring better self-purifying ability;
- average and maximum floor pressure comparable to international standards;
- towing capacity in compliance with agronomical requirements;
- at a comparably low tread pattern depth high traction is ensured.

Tyre designation	7,50L-16	7,50L-16
Design	bias	bias
Tread pattern	cross-country tread	cross-country tread
Rim contour designation:		
• recommended	5,50F	5,50F
• allowed	6J	6J
Valve type	LK-35-16,5	LK-35-16,5
Max. load, kN, (kgs):	2,45 (250)	5,20 (530)
External diameter, max., mm	716	716
Section width, max., mm (under)	205	205
Static radius	340	340
Inflation pressure, for max. load, kPa (kgs/cm^2)	80	240
Allowed speed, km/h	30(A6)	30(A6)

IR-107

9.00-16

Application: on the bearing wheels of domestic and imported agricultural machines. The tyre has a multi-purpose tread pattern.

The pattern represents two rows of zigzag lugs ("short" and "long") with a single spacing to the equator, divided by wide peripheral and cross groves.

- this pattern ensures good grip;
- the pattern ensures good road holding;
- the sufficient width of the grooves ensures good purifying ability.

Tyre designation	9,00 – 16
Design	bias
Tread pattern	multi-purpose
Rim contour designation:	
• recommended	6,00F
• allowed	6,00 (152) divisible
Valve type	GK-95, GK-105, GK-115
Max. load, kN, (kgs):	14,21(1450)
External diameter, max., mm	873
Section width, max., mm (under)	247
Static radius	389
Inflation pressure, for max. load, kPa (kgs/cm^2)	335(3.4)
Allowed speed, km/h	40(A8)

IR-110

12.00-16

Tyre intended for operation on SKD and SKF-type combined harvesters and other domestic and imported agricultural machinery. The tyre has a multi-purpose tread pattern – directional ribs.

- three central ribs ensure durability, improved operability in severe agricultural service conditions;
- longitudinal grooves ensure good handling and stability;
- groove shape ensures good self-purifying ability of the tread pattern;
- travelling comfort is one of the tyre's key characteristics.

Tyre designation	12,00 – 16
Design	bias
Tread pattern	multi-purpose
Rim contour designation:	
• recommended	W8
• allowed	8,00V divisible
Valve type	GK-115
Max. load, kN, (kgs):	16,67(1700)
External diameter, max., mm	944
Section width, max., mm (under)	325
Static radius	416
Inflation pressure, for max. load, kPa (kgs/cm^2)	250(2,4)
Allowed speed, km/h	30(A6)

Model	TYREX Agro DR-102	TYREX Agro DR-102	TYREX Agro IR-107	TYREX Agro IR-110	TYREX Agro DR-105		TYREX Agro DR-106	TYREX Agro DR-105	TYREX Agro DR-108	TYREX Agro DR-111	TYREX Woodcraft DT-112	TYREX Woodcraft DT-113
Tyre designation	7,50L-16	7,50L-16	9,00-16	12,00-16	14,9R24		420/70R24	18,4R24	21,3R24	620/75R26	600/55-26,5	700/50-26,5
Design	bias	bias	bias	bias	radial		radial	radial	radial	radial	bias	bias
Tread pattern	cross-country tread pattern	cross-country tread pattern	multi-purpose	multi-purpose	cross-country tread pattern		cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern
External diameter, mm	705±11	705±11	860±13	930±14	1245±19		1245 ±19	1395±21	1400 ±21	1590 ±24	1333±27	1350 ±27
Section width, mm, under	205	205	247	325	378		418	467	540	625	600	700
Static radius, mm	340±9	340 ±9	389 ±10	416 ±10	565 ±14		569 ±14	620 ±16	640 ±16	711 ±18	590±15	590±12
Recommended rim	5,50F	5,50F	6,00F	W8	W13		W13	DW16	DW18	DW20A	20,00x26,5	24,00x26,5
Allowed rim	6J	6J	6,0(152) divisible	8,00V divisible	W12, DW12, DW13		W12, DW12, DW13, W14L, DW14L	W16L, DW16L, W15L, DW15L	-	DW20A	-	-
Ply rating	2	4	10	8	-		-	-	-	-	16	16
Load index	60/72	86/98	121	126	126/123		130/127	139/136	140	153/150	170	173
Max. load kN (kgs) single/twin tyre	2452/3481 (250/355)	5197/7355 (530/750)	14210(1450)	16660(1700)	16660(1700)/ 15190(1550)		18620(1900)/ 17150(1750)	23815(2430)/ 21950(2240	24500(2500)	35770(3650)/ 32830(3350)	58800(6000)	63700(6500)
Load corresponding to Minimum allowed pressure, N (kgs)	2059/3187 (210/325)	3825/5688 (390/580)	10880(1100)	11760(1200)	10685(1090)/ 9705(990)		12250(1250)/ (1200)	15485(1580)/ 14605(1490)	18620(1900)	23030(2350)/ 19700(2010)	38810(3960)	51350(5240)
Inflation pressure, for max. load	80(0,8)	240(2,4)	335(3,4)	250(2,5)	160(1,6)		160(1,6)	160(1,6)	160(1,6)	160(1,6)	260(2,6)	220(2,2)
Minimum allowed inflation pressure, kPa (kgs/cm²)	60(0,6)	140(1,4)	135(1,4)	150(1,5)	60(0,6)		60(0,6)	60(0,6)/80(0,8)	100(1,0)	60(0,6)	140(1,4)	140(1,4)
Valve type	LK-35-16,5	LK-35-16,5	GK-95, GK-105,GK-115	GK-115	-		4B01- for tubeless tyre	TK	TK, GK-105	TK	TK	TK
Tube designation	6,95-16	6,95-16	9,00-16 UK	12-16	tubeless (optional in set with a tube 380-24У)		tubeless (optional in set with a tube 380-24У) allowed 14 .9-24	18,4-24	21,3-24	23,1-26	600-26,5	600-26,5
Rim strip designation	-	-	9,00-16	-	-		-	-	-	-	-	-
Tyre weight, kg, under	18,0	18,0	25,0	36,0	70,0		68,0	125,0	150,0	225,0	180,0	200,0
Maximum speed, km/h (Speed Index)	30(A6)	30(A6)	40(A8)	30(A6)	40(A8).50(B)		40(A8),50(B)	40(A8),50(B)	30(A6)	40(A8),50(B)	30(A6)	30(A6)
Tyre application	Tractors Foton FT354; MTZ 320,321, seeders and other domestic and imported agricultural machines	Tractors Foton FT354; MTZ 320,321, seeders and other domestic and imported agricultural machines	Tractor trailers 2PTS-4, PSE-12,5 and bearing wheels of other trailers	Combines NIVA-EFFECT SK-5, ENISEY 1200, 950, 954, 983, 984, 985; KCK-100 and wheels of other domestic and imported agro machines	Combines JOHN DEERE 9560; CLAAS MEDION 310, 330, 340, MEGA 204, 218, 350, 360, 370; CASE 2366; SAMPO SR 3065; Tractors MTZ 1221; JOHN DEERE 6220, 4640; NEW HOLLAND 110-90; VALTRA 6300, 635HI, 6550 A75 and driving wheels of other domestic and imported agro machines		Tractors MTZ 1221, 1523; NEW HOLLAND 110-90 and driving wheels of other domestic and imported agro machines	Combines JOHN DEERE 9560; CLAAS MEDION 310, 330, 340, MEGA 204, 218, 350, 360, 370; CASE 2366; SAMPO SR 3065; tractors MTZ 1221; JOHN DEERE 6220, 4640; NEW HOLLAND 110-90; VALTRA 6300, 635HI, 6550 A75 and driving wheels of other domestic and imported agro machines	Combines NIVA-EFFECT CK-5, ENISEY 1200, 950, 954, 983, 984, 985; KCK-100; tractors HTZ T-150, 16331; OpTZ 150K and driving wheels of other domestic and imported agro machines	Combines Don 680; JOHN DEERE 1188, 1177, 1170; FORTSCHRITT E-516, E-517, E-524, E-686, MDW 524; CLAAS DOMINATOR 130, 150; NEW HOLLAND TC 56; Tractors HTZ T-150, T-156, 17221, 17222, 17021; OpTZ 150K and driving wheels of other domestic and imported agro machines	Combines JOHN DEERE 7721; CLAAS LEXION 460, 570; GRIMME SE 150-60; tractors JOHN DEERE 1010; VALMET 832, 836; TIMBER-JACK 1410; PONSSE BUFFALO, S15, S151; LOKOMO 910; Forestry machines: ML-31 and other domestic and imported agro machines	Combines CLAAS JAGUAR 870, 890, 900; tractors VALMET 840, 860, 861, 862; TIMBERJACK 1010, 1110, 1210, 1270; PONSSE BUFFALO, S15, S151, S16, WISENT; OSA 250 and other domestic and imported agro machines
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Model	TYREX Agro DR-109	TYREX Agro DR-109	TYREX Agro DN-104	TYREX Agro DN-104B	TYREX Agro DF-101	Tyrex Agro DF-101		TYREX Agro DR-103	Tyrex Agro DR-103	Tyrex Agro DF-1	TYREX Agro DR-109	Tyrex Agro DR-109	TYREX Agro DR-109
Tyre designation	420/85R28	600/65R28	9,5R32	9,5-32	650/75R32	650/75R32		800/65R32	800/65R32	800/65R32	520/85R38	650/75R38	710/70R38
Design	radial	radial	radial	bias	radial	radial		radial	radial	radial	radial	radial	radial
Tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern		cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern
External diameter, mm	1425 ±21	1491 ±22	1249±19	1250±19	1789±27	1789±27		1820±27	1820±27	1820±27	1849±28	1941±21	1959±29
Section width, mm, under	438	591	241	241	655	655/645		798	798	798/818	536	645	716
Static radius, mm	640 ±16	665 ±17	579±15	595±15	803±20	803±20		830 ±21	830±21	830±21	825±21	865±22	887±22
Recommended rim	W15L	DW18L	W8	W8	DW21A	DW21A		DW27	DW27	DW27B	DW18L	DW20A	DW23A
Allowed rim	DW15L, W14L, DW14L	W18L, W16L, DW20A	W7	W7	DW20A	DW20A		-	DW25B, DH27B	DW25B, DH27B	DW16L	DW21A, DW23A	DW1223A
Ply rating	-	-	-	8	-	-		-	-	-	-	-	-
Load index	139/136	147/144	112	117	167/164	172 / 169		167/164	172	172	155/152	169 / 166	166/163
Max. load kN (kgs) single/twin tyre	23815(2430)/ 21955(2240)	30135(3075)/ 27440(2800)	10976(1120)	12595(1285)	53410(5450)/ 49033(5000)	6300		53410(5450)/ 49033(5000)	6300	6300	37975(3875)/ 34790(3550)	5800 / 5300	51940(5300)/ 47775(4875)
Load corresponding to Minimum allowed pressure, N (kgs)	15485(1580)/ 17150(1750)	17260(1760)	7155(730)	59360(605)	38025(3880)/ 34617(3530)	3880		31360(3200)/ 31870(3250)	4000	3000	27345(2790)/ 27150(2770)	4420 / 3730	34006(3470)/ 30970(3160)
Inflation pressure, for max. load	160(1,6)	160(1,6)	160(1,6)	280(2.8)	240(2,4)	320 (3,2)		160(1,6)	240 (2,4)	240 (2,4)	160(1,6)	240 (2,4)	160(1,6)
Minimum allowed inflation pressure, kPa (kgs/cm²)	60(0.6)/100(1.0)	-	60(0,6)	80(0.8)	120(1,2)	120 (1,2)		60(0.6)/80(0.8)	100 (1.0)	100 (1.0)	80(0.8)/100(1.0)	120 (1.2)	60(0.6)
Valve type	-	-	TK	TK	-	-		-	-	-	-	-	-
Tube designation	Tubeless (optional in a set with tube 14 .9-28 "Y")	Tubeless (optional in a set with tube23,1-26)	9,5-32	9,5-32	Tubeless (optional in a set with tube 30 .5L-32)	Tubeless (optional in a set with tube 30 .5L-32)		Tubeless (optional in a set with tube 30 .5L-32)	Tubeless (optional in a set with tube 30 .5L-32)	Tubeless (optional in a set with tube 30 5L-32)	Tubeless (optional in a set with tube 520-38)	Tubeless (optional in a set with tube 520-38)	Tubeless (optional in a set with tube 520-38)
Rim strip designation	-	-	-	-	-	-		-	-	-	-	-	-
Tyre weight, kg, under	125,0	190,0	52,0	47,0	280	258,0		290,0	"tubeless - 352 tube-type - 355"	330	215,0	320	325,0
Maximum speed, km/h (Speed Index)	40(A8).50(B)	40(A8).50(B)	40(A8)	30(A6)	40(A8)/50(B)	"40 / 50 A8 / B"		40(A8)/50(B)	40(A8)	40(A8)	40(A8)/50(B)	40/50 A8/B	40(A8)/50(B)
Tyre application	Tractors JOHN DEERE 4250; CASE 1455; CLAAS AXION 810, 820, 830, 840; VALTRA A94N, T131, T151e; VALMET 6800; TERRION ATM 3180 and driving wheels of other domestic and imported agro machines	Combines JOHN DEERE 9640, 9780; CASE 2388; tractors JOHN DEERE 8430, 8420, 6920, 7820, 7800, 7810, 7920, 7710, 8300, 8410, 8200; CLAAS ARES 816, ARES 826, ARES 836, ATLES 936; NEW HOLLAND TG 230; CASE 7240, 7250, 7140, 7210, MX 200, MX 270	Tractors HTZ 3510, 2511; VTZ 2511, 2032, T-16, T-25, T-30-69 and driving wheels of other domestic and imported agro machines	For operation on the driving wheels of domestic and imported tractors, agricultural motor vehicle chassis, ceeders	For operation on tractors, combines of other domestic and imported agricultural machinery	For operation on the driving wheels of tractors, combines of other domestic and imported agricultural machinery		Combines JOHN DEERE 9680, 9660, 9560, 1550, 7300, 9780, 2266, 7200, S690; CLAAS JAGUAR 810, 820, 830, 840, 850, 860, 870, 890, 900; LEXION 460, 470, 480, 570; MEGA 204, 218, 360, 370; NEW HOLLAND FX 375, L 520; ACROS 530; HOLMER KLASSIKER K	For operation on the driving wheels of tractors, combines of other domestic and imported agricultural machinery	For operation on the driving wheels of domestic and imported combines	Combines JOHN DEERE 6750, 6710, 6910; tractors JOHN DEERE 4250, 6800, 4640; CASE 1455, 5140, 5150; CLAAS AXION 810, 820; FENDT 611LSA; VALTRA 8550, T121, T131, T151e; VALMET 6800; TERRION ATM 3180 and driving wheels of other domestic and imported agro machines	For operation on domestic and imported agricultural machinery	Combines JOHN DEERE 9880; KLEINE SF-10, SF-20; tractors MTZ 2522; JOHN DEERE 8430, 6920, 7820, 9400, 8400, 7800, 7810, 7710, 8300, 8410, 8520; CLAAS ARES 816, ARES 826, ARES 836, ATLES 936; CASE 7240, 7250, 7120, 7140, MX 200, MX 270, MX 28
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Forestry Tyres

TyRex Woodcraft

DT-112

600/55-26,5

Forestry tyres are used for forest harvesting operations on harvesters (logging tractors) and forwarders (skidders). Forestry tyres have mixed properties: they have large contact patch that ensures perfect grip on slippery and uneven road. At the same time forestry tyres don't sink in boggy soils and provide stability to the vehicle. It is also important to provide maximum protection of the tread cap from accidental cuts and sidewall blow-offs. The rubber compound for forestry tyres is carefully chosen and ensures improved elasticity and high endurance.

Tyrex Woodcraft DT-112 developed for special logging machinery ensures stability and perfect towing properties.

The main advantages:

- large contact patch ensures perfect cross-country ability and soil protection
- the sidewalls are protected against blow-offs
- low rolling resistance reduces fuel consumption
- perfect towing properties even without track

Model	TYREX Woodcraft DT-112
Tyre designation	600/55-26,5
Design	bias
Tread pattern	cross-country tread pattern
External diameter, mm (±1,5%)	1333±27
Section width, mm, under	600
Static radius, mm (±1,5%)	590±15
Recommended rim	20,00x26,5
Allowed rim	-
Ply rating	16
Load index	170
Max. load N, (kgs) on a single/ twin tyre	58800(6000)
Load for max. allowed pressure N, (kgs)	38810(3960)
Inflation pressure for max. load kPa (kgs/cm²)	260(2,6)
Minimum allowed inflation pressure, kPa (kgs/cm²)	140(1,4)
Valve type	TK
Tube designation	600-26,5
Rim strip designation	-
Maximum speed, km/h (Speed Index)	30(A6)
Tyre application	Combines JOHN DEERE 7721; CLAAS LEXION 460, 570; GRIMME SE 150-60; tractors JOHN DEERE 1010; VALMET 832, 836; TIMBERJACK 1410; PONSSE BUFFALO, S15, S151; LOKOMO 910; forestry machines: ML31 and other domestic and imported agricultural machinery
Manufacturer	Voltyre-Prom

DT-113

700/50-26,5

Forestry tyres are used for forest harvesting operations on harvesters (logging tractors) and forwarders (skidders). Forestry tyres have mixed properties: they have large contact patch that ensures perfect grip on slippery and uneven road. At the same time forestry tyres don't sink in boggy soils and provide stability to the vehicle. It is also important to provide maximum protection of the tread cap from accidental cuts and sidewall blow-offs. The rubber compound for forestry tyres is carefully chosen and ensures improved elasticity and high endurance.

Tyrex Woodcraft DT-113 developed for special logging machinery ensures stability and perfect towing properties.

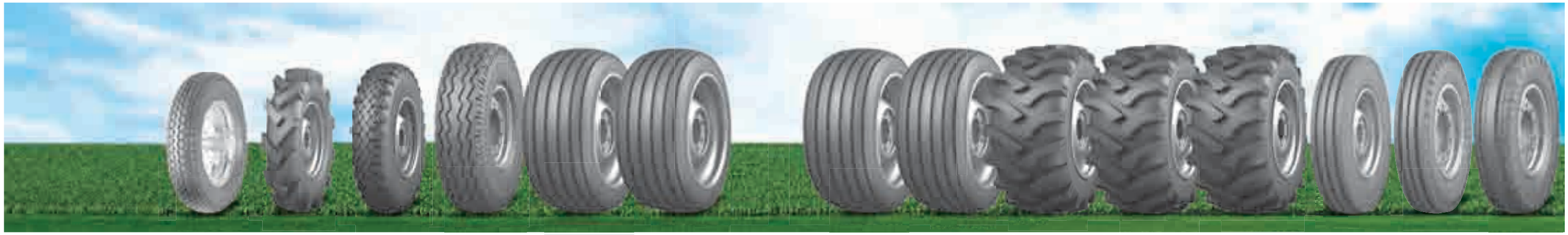
The main advantages:

- large and high ribs ensure good cross-country ability and driving comfort
- large contact patch ensures perfect cross-country ability and soil protection
- a special rib incline ensures perfect lateral stability
- perfect towing properties even without track

Model	TYREX Woodcraft DT-113
Tyre designation	700/50-26,5
Design	bias
Tread pattern	cross-country tread pattern
External diameter, mm (±1,5%)	1350 ±27
Section width, mm, under	700
Static radius, mm (±1,5%)	590±12
Recommended rim	24,00x26,5
Allowed rim	-
Ply rating	16
Load index	173
Max. load N, (kgs) on a single/ twin tyre	63700(6500)
Load for max. allowed pressure N, (kgs)	51350(5240)
Inflation pressure for max. load kPa (kgs/cm²)	220(2,2)
Minimum allowed inflation pressure, kPa (kgs/cm²)	140(1,4)
Valve type	TK
Tube designation	600-26,5
Rim strip designation	-
Maximum speed, km/h (Speed Index)	30(A6)
Tyre application	Combines CLAAS JAGUAR 870, 890, 900; tractors VALMET 840, 860, 861, 862; TIMBERJACK 1010, 1110, 1210, 1270; PONSSE BUFFA-LO, S15, S151, S16, WISENT; OSA 250 and other domestic and imported agricultural machinery
Manufacturer	Voltyre-Prom

Agricultural Tyres Voltyre

Agricultural Tyres Voltyre



Model	K-96	C-91	V-19AM	Y-372	TVL-2	TVL-2		TVL-2	TVL-2	VI-30	VI-30	VI-30	VI-36	L-225	Y-387-1
Tyre designation	4,00-10	4,00-10	5,00-10	230/90-15 (8,25-15)	10,0/75-15,3	10,0/75-15,3		10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	6,00-16	6,00-16	6,50-16
Design	bias	bias	bias	bias	bias	bias		radial	bias	bias	bias	bias	bias	bias	bias
Tread pattern	multi-purpose	cross-country tread pattern	multi-purpose	road	multi-purpose	multi-purpose		multi-purpose	multi-purpose	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	multi-purpose (longitudinal ribs)	multi-purpose	multi-purpose
External diameter, mm	465	492±5	507	807	770	770		770	770±12	780±12	780±12	780±12	735±11	750±12	760±11
Section width, mm, under	109	110	143	229/220	270	270		270	270	264	264	264	165	175	175
Static radius, mm	216	230±5	241	368	350	350		350	350±9	360±9	360 ±9	360±9	352±9	355±9	360±9
Recommended rim	2,35-10	-	-	6,00	9,00-15,3	9,00-15,3		9,00-15,3	9,0-15,3	9,0-15,3	9,0-15,3	9.0-15.3	4,50E	4,50E	4,50E
Allowed rim	-	-	-	5,00P	-	-		-	-	-	-	-	-	-	-
Ply rating	4	4	4	8	8	10		12	14	8	10	12	6	6	6
Load index	69	-	-	119	118	123		126	130	118	123	126	88	88	91
Max. load kN (kgs) single/twin tyre	325	1960(200)	1962(200)	13328(1360)	13043(1330)	14955(1525)		16622(1695)	18633(1900)	13043(1330)	14955(1525)	16622(1695)	5492(560)	5492(560)	6031(615)
Load corresponding to Minimum allowed pressure, N (kgs)	-	490(50)	735(75)	7791(795)	6914(705)	6914(705)		6914(705)	6914(705)	6914(705)	6914(705)	6914(705)	3334(340)	3334(340)	3822(390)
Inflation pressure, for max. load	340 (3,5)	200(2,0)	200(2,0)	350(3,5)	310(3,2)	390(4)		470(4,8)	550(5,6)	310(3,2)	390(4,0)	470(4,8)	330(3,3)	330(3,4)	310(3,1)
Minimum allowed inflation pressure, kPa (kgs/cm²)	-	100(1,0)	90(0,9)	140(1,4)	100(1,0)	100(1,0)		100(1,0)	100(1,0)	100(1,0)	100(1,0)	100(1,0)	140(1,4)	140(1,4)	140(1,4)
Valve type	LK-35-11,7	LK-35-11,7	LK-35-11,7	GK-105, GK-115	LK-35-16,5	LK-35-16,5		LK-35-16,5	LK-35-16,5	LK-35-16,5	LK-35-16,5	LK-35-16,5	LK-35-16,5	LK-35-16,5	LK-35-16,5
Tube designation	4,00-10	4,00-10	4,00-10	230-15	10.0/75-15.3	10,0/75-15,3		10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	6,00-16, optional 6,95-16	6,00-16, optional 6,95-16	6,00-16
Rim strip designation	-	-	-	230-15	-	-		-	-	-	-	-	-	-	-
Tyre weight, kg, under	5	6,9	5,8	28,0	25,0	27,0		30,0	32,0	34,0	36,0	38,0	17,0	17,0	18,5
Maximum speed, km/h (Speed Index)	70 (E)	5(A1)	70(E)	30(A6)	30(A6)	30(A6)		30(A6)	30(A6)	30(A6)	30(A6)	30(A6)	30(A6)	30(A6)	30(A6)
Tyre application	For application on trolleys, trailers and walk-behind tractor trailers	Walk-behind tractor trailer: MB-EOMUL, MB-1D and other small one-axle tractors and agricultural machinery	SZD, SZE Cyclecar	Dragging spray-device OPV-1200, OPS-15-01, refiller tanker-spreader ZZhV-1,8 and other agro machinery	For bearing wheels of towed agro machines	For bearing wheels of towed domestic and imported agro machines		For bearing wheels of towed domestic and imported agro machines	For bearing wheels of towed domestic and imported agro machines	Combines FORTSCHRITT MARAL 125, E-281; CLAAS LINER 1550 PROFIL and driving wheels of other tractors, agro machines and rototillers, domestic and imported	Combines FORTSCHRITT MARAL 125, E-281; CLAAS LINER 1550 PROFIL and driving wheels of other tractors, agro machines and rototillers, domestic and imported	Combines FORTSCHRITT MARAL 125, E-281; CLAAS LINER 1550 PROFIL and driving wheels of other tractors, agro machines and rototillers, domestic and imported	Tractors VTZ T-16, T-25, T-30-69; KUBOTA L2201, L2202; TAISHAN 180, 200, TS18, TS20, TS22, TS240; MITSUBISHI D2000, D2050 and guide wheels of other agro machines, domestic and imported	Tractors VTZ T-16, T-25, T-30-69; KUBOTA L2201, L2202; TAISHAN 180, 200, TS18, TS20, TS22, TS240; MITSUBISHI D2000, D2050 and guide wheels of other agro machines, domestic and imported	Tractors HTZ 3510, 2511; VTZ 2511; LTZ 55A; ANTONIO CARRARO TTR 4400 and guide wheels of other agro machines, domestic and imported
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Agricultural Tyres Voltyre

Model	YF-399	Y-324A	VI-38	VI-38	KF-105A	KF-105AB		KF-97	V-103	VL-49	V-105A	VL-45	F-35	VL-40	VL-44
Tyre designation	7,50-16	260/95-16 (9,00-16)	13,0/75-16	13,0/75-16	15,5/65-18	15,5/65-18		16,5/70-18 (1065x420-457)	7,50-20	7,50-20	8,3-20	9,00-20	11,2-20	11,2-20	360/70R20
Design	bias	bias	bias	bias	bias	bias		bias	bias	radial	bias	bias	bias	bias	radial
Tread pattern	multi-purpose	multi-purpose	multi-purpose	multi-purpose	multi-purpose	multi-purpose		multi-purpose	multi-purpose	multi-purpose (longitudinal ribs)	cross-country tread pattern	multi-purpose (longitudinal ribs)	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern
External diameter, mm	805±12	896±13	895±13	895±13	980	980		1065 ±16	910±14	915±14	945±14	930±14	985±15	985±15	1054±16
Section width, mm, under	205/195	255	336	336	395	395		425	205	205	211	234	284	284/274,254	357
Static radius, mm	370±9	414±10	402±10	402±10	450	450		484±12	427±11	425±11	446±11	430±11	460±11	453±11	475±12
Recommended rim	5,50F	152(6,00) divisible	W11	W11	330-462	330-462		330-462	5,50F	5,50F	W7	W7	W10	W10	W11
Allowed rim	4,50E	-	W8	W8	-	-		-	5,00F	-	-	5,50F	W9, W7	W9, W7	W10, W12
Ply rating	6	10	8	14	10	10		10	6	6	8	6	8	8	-
Load index	98	123	130	130	137	137		149	103	103	102	111	114	120	120/117
Max. load kN (kgs) single/twin tyre	7355(750)	15200(1550)	18633(1900)	18633(1900)	22555 (2300)	22555 (2300)		31850(3250)	8580(875)	8581(875)	8335(850)	10787(1100)	11570(1180)	13730(1400)	13730(1400) 12602(1285)
Load corresponding to Minimum allowed pressure, N (kgs)	4802(490)	8875(905)	11768(1200)	11768(1200)	13337 (1360)	13337 (1360)		(1700)	5782(590)	4413(450)	4000(410)	6080(620)	7500(765)	6960(710)	9020(920) 8232(840)
Inflation pressure, for max. load	280(2,8)	350(3,5)	240(2,4)	240(2,4)	350 (3,6)	350 (3,6)		370(3,8)	280(2,8)	275(2,8)	250(2,5)	240(2,4)	210(2,1)	240(2,4)	160(1,6)
Minimum allowed inflation pressure, kPa (kgs/cm²)	140(1,4)	140(1,4)	100(1,0)	100(1,0)	140 (1,5)	140 (1,5)		140(1,4)	140(1,4)	100(1,0)	80(0,8)	100(1,0)	100(1,0)	60(0,6)	60(0,6)
Valve type	LK-35-16,5	GK-105, GK-105, GK-115	GK-115	GK-115	GK-115	GK-115		GK-115	LK-35-16,5	LK-35-16,5	TK, GK-50	GK-50	TK, GK-50	TK, GK-50	TK
Tube designation	6,00-16; 6,50-16	9,00-16	12-16	12-16	15,5-18	-		16,5-18	7,50-20 tolerance 8,3-20"A"	8,3-20"A"	8,3-20	7,50-20 tolerance 11,2-20	11,2–20	11,2-20	360-20
Rim strip designation	-	9,00-16	-	-	15,5-18, 16,5-18	-		16,5-18	-	-	-	-	-	-	-
Tyre weight, kg, under	24,0	33,0	38,0	38,0	75	75		74.9	28,0	25,0	38,0	29,5	48,0	35,0	61,0
Maximum speed, km/h (Speed Index)	30(A6)	35(A7)	30(A6)	30(A6)	30 (A6)	30 (A6)		30(A6)	30(A6)	40(A8)	30(A6)	40(A8)	30(A6)	40(A8)	40(A8)/50B
Tyre application	Tractors JOHN DEERE 5320; LOVOL FOTON FT454; FORD 4500, 4630; INTERNATIONAL 676 and guiding wheels of other agro machines, domestic and imported	Tractor trailers 2PTS-4,PSE-12,5 and bearing wheels of other trailers	For guiding wheels of harvesting combines and harvesting trailer machines and other domestic and imported agro machinery	For bearing wheels of harvesting combines and harvesting trailer machines and other domestic and imported agro machinery	Tractor trailer dumpers domestic and imported	Tractor trailer dumpers domestic and imported		Tractor trailers 1PTS-9,PTS-12 and bearing wheels of other trailers	Tractors MTZ 50, 52, 80, 82, 510; LTZ T40; UMZ 6; SINTAY 180; OZTM 62K and guiding wheels of other domestic and imported agro machines	For driving and driven wheels and tractor agricultural machines	Tractors MTZ 50, 52, 82; VTZ 2032; LTZ 55A, 60, T40; HI-NOMOTO E152, E154 and driving wheels of other domestic and imported agro machines	Tractors MTZ 80; LTZ T40; UMZ 6, 8040; OZTM 62K and driving wheels of other domestic and imported agro machines	Tractors MTZ 50, 82, 820, 825, 422 and the driving wheels of other agro machines and tractors, domestic and imported used in field	Tractors MTZ 50, 82, 820, 825, 422 and the driving wheels of other agro machines and tractors, domestic and imported used in field	Tractors SAMPO SR 2010 and driving wheels of other tractors, motor vehicle chassis and agro machines in field
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Agricultural Tyres Voltyre

Model	VL-44	VL-44	F-148M	IYV-79	Y-242АБ	FD-12M		VL-41	F-161У	YF-394	Y-428	VL-29	VL-29
Tyre designation	360/70R24	380/70R24	18,4-24	21,3-24	23,1-26	28,1R26		28,1R26	28LR26	12,4R28	420/70R28	16,9R30	16,9R30
Design	radial	radial	bias	bias	bias	radial		radial	radial	radial	radial	radial	radial
Tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern		cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern
External diameter, mm	1154±17	1190±17	1400	1400±21	1621±24	1735±26		1722	1630	1250	1330	1475	1475
Section width, mm, under	357	380	467	540	605	730		728	714	315/296	417	429	429
Static radius, mm	528±13	540±14	623	640±16	735±18	785±20		770±19	716	578	610	680	680
Recommended rim	W11	DW13, W13	DW16	DW18	DW20	DW25		DW25	DW25	W11	W13	W15L	W15L
Allowed rim	W10, W12	W11, DW11, W13L, DW13L,W12, DW12	DW16	DW18	-	DW24		DW24	DW24	W9, W10	W12, W14L,W9, W11	DW14	DW14
Ply rating	-	-	8	10	12	12		12	-	8	6	8	14
Load index	122/119	125	136	140	153	158		158	166	122	130	137	155
Max. load kN (kgs) single/ twin tyre	14710(1500) 13328(1360)	16181(1650) 14710(1500)	2240	2500	35410(3610)	41678(4250)		41678(4250)	5300	14700(1500)	18620(1900)	22550(2300)	38000(3875)
Load corresponding to Minimum allowed pressure, N (kgs)	9660(985) 8820(900)	10591(1080) 9660(985)	1945	1680	27960(2850)	28537(2910)		28929(2950)	4250	8330(850)	10339(1055)	14710(1500)	14710(1500)
Inflation pressure, for max. load	160(1,6)	160(1,6)	140 (1,4)	160(1,6)	167(1,7)	160(1,6)		160(1,6)	240 (2,4)	230(2,3)	160(1,6)	160(1,6)	360(3,7)
Minimum allowed inflation pressure, kPa (kgs/cm²)	60(0,6)	60(0,6)	110 (1,1)	80(0,8)	108(1,1)	80(0,8)		80(0,8)	160 (1,6)	80(0,8)	60(0,6)	80(0,8)	100(1,0)
Valve type	TK	TK	TK	GK-105, TK	TK	TK		TK	TK	TK	TK	TK	TK
Tube designation	360-24	380-24	18,4-24 21,3-24	21,3-24	23,1-26	28,1-26		28,1-26	23,1-26	12,4-28	14,9-28	16,9-30	16,9-30
Rim strip designation	-	-	-	-	-	-		-	-	-	-	-	-
Tyre weight, kg, under	67,0	74,0	102	159	217,0	275,0		235,0	250	66,0	88,0	130,0	137,0
Maximum speed, km/h (Speed Index)	40(A8)/50B	40(A8)/50B	A6 (30)	A6 (30)	30(A6)	40(A8)		40(A8)	A8 (40)	30(A6)	30(A6)	40(A8)	40(A8)
Tyre application	Tractors MTZ 922, 1021, 1025, 820, 892, 592 and driving wheels of other tractors, motor vehicle tractors and other agro machines in the field	Tractors MTZ 922, 1021, 1025, 820, 892, 592 and driving wheels of other tractors, motor vehicle tractors and other agro machines in the field	OEM supplied on axles of Don Family guiding wheels forage and reaper-threshers	For operation on self-propelled combines for agro production	Combines Don 680; JOHN DEERE 1188, 1177, 1170; FORTSCHRITT E-516, E-517, E-524, E-686, MDW 524; CLAAS DOMINATOR 130, 150; NEW HOLLAND TC 56; tractors HTZ T-150, T-156, 17221, 17222, 17021; OpTZ 150K and driving wheels of domestic and imported machinery	Combines DON 91; CLAAS JAGUAR 685, JAGUAR 690; VECTOR RSM-101; tractors KIROVETZ K700, K701, K744 and other domestic and imported agro machines		For guiding wheels of Kirovetz family Tractors class 5,0-60, in the field	For guiding wheels of harvesting combines Don-091	For guiding wheels of motor vehicle chassis T-16MG, and class 0,6 tractors TZOA-80, VTZ-2032A and other machines for different agricultural applications	Tractors FENDT 312LSA; VALTRA 6550 and guiding wheels of other agro machines, domestic and imported	Ttractors LTZ 155 .4; MTZ 530; LAMBORGHINI SPRINT 684; FORD 4500, 4630; FIAT 65-88 and other agro machines, domestic and imported	Tractors LTZ 155 .4; MTZ 530; LAMBORGHINI SPRINT 684; FORD 4500, 4630; FIAT 65-88 and other agro machines, domestic and imported
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Agricultural Tyres Voltyre

Model	FVL-234	FVL -234	FVL -234	Y-319	Y-319	Y-319		VL-44	V-110	RK-55	VL-26	VL-31	VL-31	VL-31
Tyre designation	18,4R30	18,4R30	18,4R30	18,4/78-30	18,4/78-30	18,4/78-30		480/70R30	9,5-32	30,5L-32	16,9R34	18,4R34	18,4R34	18,4R34
Design	radial	radial	radial	bias	bias	bias		radial	bias	bias	radial	radial	radial	radial
Tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern		cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern
External diameter, mm	1525	1525	1525	1525	1525	1525		1480	1240	1825	1575	1645	1645	1645
Section width, mm, under	470/450	470/450	470/450	490	490	490/470		480	241	775	429	467/457	467/457	467/457
Static radius, mm	698	698	698	693	693	693		666	590	832	727	760	760	760
Recommended rim	DW16	DW16	DW16	DW16	DW16	DW16		W15L	W7	DW27	W15L	DW16	DW16	DW16
Allowed rim	DW14	DW14	DW14	DW14	DW14	DW14		DW14L, W14L, W16L, DW16L	-	DW27	DW14L, W14L	DW15	DW15	DW15
Ply rating	8	10	14	8	10	12		8	6	-	8	8	10	14
Load index	142	146	155	139	145	149		141/138	110	165	139	144	148	157
Max. load kN (kgs) single/twin tyre	25970(2650)	29420(3000)	38050(3880)	23830(2430)	28440(2900)	31870(3250)		25250(2575) 23128(2306)	1065	8750	23830(2430)	27458(2800)	30890(3150)	40452(4125)
Load corresponding to Minimum allowed pressure, N (kgs)	17310(1765)	17310(1765)	17310(1765)	19660(2005)	19660(2005)	19660(2005)		16525(1685) 15092(1540)	605	3920	15690(1600)	18044(1840)	18044(1840)	18044(1840)
Inflation pressure, for max. load	160(1,6)	200(2,0)	320(3,2)	140(1,4)	180(1,8)	230(2,3)		160(1,6)	210 (2,1)	200 (2,0)	160(1,6)	160(1,6)	200(2,0)	300(3,0)
Minimum allowed inflation pressure, kPa (kgs/cm²)	80(0,8)	80(0,8)	80(0,8)	100(1,0)	100(1,0)	100(1,0)		60(0,6)	80 (0,8)	100 (1,0)	80(0,8)	60(0,6)	60(0,6)	60(0,6)
Valve type	TK	TK	TK	TK	TK	TK		TK	TK, GK-50	TK	TK	TK	TK	TK
Tube designation	18,4-30	18,4-30	18,4-30	18,4-30	18,4-30	18,4-30		16,9-30 У	9,5-32	30,5L-32	16,9-34	18,4-34 16,9-34У	18,4-34 16,9-34У	18,4-34 16,9-34У
Rim strip designation	-	-	-	-	-	-		-	-	-	-	-	-	-
Tyre weight, kg, under	140,0	140,0	140,0	123,0	123,0	125,0		125,0	56	295	140,0	155,0	155,0	170,0
Maximum speed, km/h (Speed Index)	40(A8)	40(A8)	40(A8)	30(A6)	30(A6)	30(A6)		40(A8)	30 (A6)	A8 (40)	40(A8)	40(A8)	40(A8)	40(A8)
Tyre application	For guiding wheels of tractors and trailers and other domestic and imported machines for industrial and agro application, incl. for transport works	Combines JOHN DEERE 1075; FORTSCHRITT E-512; tractors VALTRA T161, T171, T180, T191 and other domestic and imported agro machines	Combines JOHN DEERE 1075; FORTSCHRITT E-512; tractors VALTRA T161, T171, T180, T191 and other domestic and imported agro machines	Combines JOHN DEERE 1065; FORTSCHRITT E-514; CLAAS DOMINATOR, DOMINATOR 150, DOMINATOR 130; tractors: MTZ 80X and other domestic and imported agro machines	Combines JOHN DEERE 1065; FORTSCHRITT E-514; CLAAS DOMINATOR, DOMINATOR 150, DOMINATOR 130; tractors: MTZ 80X and other domestic and imported agro machines	Combines JOHN DEERE 1065; FORTSCHRITT E-514; CLAAS DOMINATOR, DOMINATOR 150, DOMINATOR 130; tractors: MTZ 80X and other domestic and imported agro machines		Tractors MTZ 2522; JOHN DEERE 8100, 4755; CASE 7120, 7130, 7140, 7210, 7220, 7230, PUMA 165, PUMA 180, PUMA 195, PUMA 210; CLAAS AXION 850; VALTRA T190; MASSEY FERGUSON 6499; LAMBORGHINI CHAMPION 150 and guiding wheels of other agro machines, domestic and imported	Guiding wheels of T-25 tractors, motor vehicle chassis T16M, and other agro machines	For guiding axles of agricultural machines, mainly fodder choppers and reaper-threshers	Tractors FENDT GT380; JOHN DEERE 610; LOVOL FOTON FT824, TD824; FORD 6610 and guiding wheels of other domestic and imported agro machines	Combines SAMPO SR 2035, SR 2055; tractors MTZ 820, 1025, 592; JOHN DEERE 6220, 2040; VALTRA 6300, 635HI, 6550, F75 and guiding wheels of other domestic and imported agro machines	Combines SAMPO SR 2035, SR 2055; tractors MTZ 820, 1025, 592; JOHN DEERE 6220, 2040; VALTRA 6300, 635HI, 6550, F75 and guiding wheels of other domestic and imported agro machines	Combines SAMPO SR 2035, SR 2055; tractors MTZ 820, 1025, 592; JOHN DEERE 6220, 2040; VALTRA 6300, 635HI, 6550, F75 and wheels of other domestic and imported agro machines
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Agricultural Tyres Voltyre

Model	VL-44	YF-318	Y-166	F-2AD	F-2AD	F-2AD		VL-28	VL-28	VL-32	VL-32	VL-44	Y-183
Tyre designation	480/70R34	13,6R38	13,6-38	15,5R38	15,5-38	15,5-38		16,9R38	16,9R38	18,4R38	18,4R38	480/70R38	9,5-42
Design	radial	radial	bias	radial	bias	bias		radial	radial	radial	radial	radial	radial
Tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern		cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern
External diameter, mm	1580	1550	1575	1570±24	1575	1575		1675	1675	1750	1750	1680	1512
Section width, mm, under	480	345	350/335	394	394	394/364		429	429	467	467	480	241
Static radius, mm	716	717	738	730	738±18	738		780	780	790	790	766	725
Recommended rim	W15L	W12; DW12	DW12; W12	W14L	DW14L; W14L	DW14L		DW16L	DW16L	W16L	W16L	W15L	W8; DW8
Allowed rim	DW14L, W14L, W16L, DW16L	W11; DW11	W11; DW11	DW14L	-	DW11, W14L		DW15	DW15	DW16; W15L	DW16; W15L	DW14L	-
Ply rating	8	6	6	8	8	10		8	10	8	16	8	6
Load index	143/140	128	125	134	133	137		141	144	146	165	145/142	116
Max. load kN (kgs) single/ twin tyre	26725(2725) 24517(2500)	18600(1800)	16275(1660)	20790(2120)	20200(2060)	22750(2320)		25252(2575)	27458(2800)	29420(3000)	50504(5150)	28440(2900) 25970(2650)	12250(1250)
Load corresponding to Minimum allowed pressure, N (kgs)	17455(1780)	11270(1150)	11080(1130)	13925(1420)	14270(1455)	14270(1455)		16670(1700)	16670(1700)	19123(1950)	21364(2180)	16807(1715)	6762(690)
Inflation pressure, for max. load	160(1,6)	160(1,6)	160(1,6)	160(1,6)	176(1,8)	230(2,3)		160(1,6)	180(1,8)	160(1,6)	310(3,1)	160(1,6)	210(2,1)
Minimum allowed inflation pressure, kPa (kgs/cm²)	60(0,6)	80(0,8)	80(0,8)	80(0,8)	98(1,0)	100(1.0)		80(0,8)	80(0,8)	60(0,6)	60(0,6)	60(0,6)	80(0,8)
Valve type	TK	TK	TK	TK	TK	TK		TK	TK	TK	TK	TK	TK
Tube designation	16,9-34 У	13,6-38	13,6-38	13,6-38	13,6-38	13,6-38		16,9-38	16,9-38	16,9-38 У	16,9-38 У	16,9-38 У	9,5-42
Rim strip designation	-	-	-	-	-	-		-	-	-	-	-	-
Tyre weight, kg, under	134,0	87,0	97,0	110,0	115,0	120,0		150,0	150,0	155,0	168,0	147,0	67,0
Maximum speed, km/h (Speed Index)	40(A8)	30(A6)	35(A7)	40(A8)	30(A6)	30(A6)		40(A8)	40(A8)	40(A8)	40(A8)	40(A8)	30(A6)
Tyre application	Tractors MTZ 2522; JOHN DEERE 8100, 4755; CASE 7120, 7130, 7140, 7210, 7220, 7230, PUMA 165, PUMA 180, PUMA 195, PUMA 210; CLAAS AXION 850; VALTRA T190; MASSEY FERGUSON 6499; LAMBORGHINI CHAMPION 150 and guiding wheels of domestic and imported machinery	Tractors MTZ 80, 82, 922, 820, 510, 825; LTZ 55A, 60, T-40; JOHN DEERE 5515, 6200; INTERNATIONAL 686 and guiding wheels of other domestic and imported agricultural machinery	Tractors MTZ 80, 82, 922, 820, 510, 825; LTZ 55A, 60, T-40; JOHN DEERE 5515, 6200; INTERNATIONAL 686 and guiding wheels of other domestic and imported agricultural machinery	For rear guiding wheels of Belarus tractors, towing wheel 1,4-MTZ-80, MTZ-82, KIZ-6A, MTZ-50, MTZ-52	Tractors MTZ 50, 52, 80, 82, 922, 820, 510, 825; ΛT3 T-40; UMZ 6, 8040 and guiding wheels of other domestic and imported agricultural machinery	Tractors MTZ 50, 52, 80, 82, 922, 820, 510, 825; ΛT3 T-40; UMZ 6, 8040 and guiding wheels of other domestic and imported agricultural machinery		Tractors MTZ 1025, 952, 1021; XT3 16131, 16331; UMZ 8240, 8244; DEUTZ FAHR DX6 .30, DX6 .50, DX80 and guiding wheels of other domestic and imported agricultural machinery	Tractors MTZ 1025, 952, 1021; XT3 16131, 16331; UMZ 8240, 8244; DEUTZ FAHR DX6 .30, DX6 .50, DX80 and guiding wheels of other domestic and imported agricultural machinery	Combines JOHN DEERE 640; tractors MTZ 1221; JOHN DEERE 648, 640, 6603, 4450, 4240, 3050, 6520; NEW HOLLAND TM120; LOVOL FOTON TG1254, TG1454; VALTRA 6750; FORD 6730 и and guiding wheels of other domestic and imported agricultural machinery	Combines JOHN DEERE 640; tractors MTZ 1221; JOHN DEERE 648, 640, 6603, 4450, 4240, 3050, 6520; NEW HOLLAND TM120; LOVOL FOTON TG1254, TG1454; VALTRA 6750; FORD 6730 и and guiding wheels of other domestic and imported agricultural machinery	Tractors NEW HOLLAND 110-90 and guiding wheels of other domestic and imported agricultural machinery	Tractors HTZ 16131; LTZ 55A ; UMZ 6; MTZ 922, 923, 80X and guiding wheels of other domestic and imported agricultural machinery
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Industrial Tyres

TYREX HEAVY

Tyrex Heavy

DT-114

DT-114 TyRex Heavy 10,00-20 ns16 tyres continue the range of industrial tyres, produced at Voltyre-Prom JSC, one of the leading manufacturers of pneumatic tyres for application on special machinery. DT-114 TyRex Heavy 10,00-20 ns16 are intended for application on single-bucket excavators and other automotive equipment imported or manufactured by domestic producers. The cross-country tread pattern provides reliable grip and self-cleaning in off-road conditions and on soft ground in different climatic regions with temperatures from– 45° to +55° C.

The tyre's load index is 146 with a speed index of A8 (40 km/h): max. load on a tyre at 40 km/h is 3000 kg. DT-114 TyRex Heavy 10,00-20 ns16 equals foreign counterparts in terms of technical properties and performance .

The additional advantage is the stable availability of the tyre on the market due to domestic manufacture and a wide distribution network of Voltyre-Prom. DT-114 TyRex Heavy 10,00-20 ns16 currently has no Russian analogues in terms of technical properties and application.

The most promising sizes of industrial sizes, that the Company plans to develop first and foremost are: 17,5-25, 20,5-25, 23,5-25, 26,5R25, 29,5/75R25.

Model	TYREX Heavy DT-114
Tyre designation	10,00-20
Design	bias
Tread pattern	cross-country tread pattern
External diameter, mm (±1,5%)	1075±16
Section width, mm, under	278
Static radius, mm (±1,5%)	498±13
Recommended rim	7,5-20
Allowed rim	7,0-20; 8,0-20
Ply rating	16
Load index	146
Max. load N, (kgs) on a single/ twin tyre	3000
Load for max. allowed pressure N, (kgs)	1340
Inflation pressure for max. load kPa (kgs/cm²)	750(7,5)
Minimum allowed inflation pressure, kPa (kgs/cm²)	350(3,5)
Valve type	GK-145
Tube designation	11,0-20
Rim strip designation	6,7-20
Maximum speed, km/h (Speed Index)	40 (A8)
Tyre application	Imported and domestic excavators for off-road and soft ground applications.
Manufacturer	Voltyre-Prom

Industrial Tyres

Industrial Tyres

Model	VI-7	VI-24	VI-24	VI-13	LF-268		LF-268	F-201	F-201	F-201	F-201	F-201	F-213A
Tyre designation	7,00-12	6,00-13	6,00-13	8,15/65-15	8,25-15		8,25-15	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	11,00-20
Design	bias	bias	bias	bias	bias		bias	bias	bias	bias	bias	bias	bias
Tread pattern	longitudinal rib	road	road	industrial	road		road	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	no pattern
External diameter, mm	668±15	609±9	609±9	683±15	836±12		836±12	785±12	785±12	785±12	785±12	785±12	1080±16
Section width, mm, under	192	155	155	217	234±7		234±7	267	267	267	267	267	304
Static radius, mm	-	285±4	282±4	310±7	384±6		384±6	355±8	355±8	355±8	355±8	355±8	500±8
Recommended rim	5,00	5,00	5,00	7,0-15	6,5		6,5	9,00-15,3	9,00-15,3	9,00-15,3	9,00-15,3	9,00-15,3	8
Allowed rim	-	-	-	-	5.00S		5.00S	-	-	-	-	-	-
Ply rating	12	6	10	14	12		14	6	8	10	12	14	12
Load index	131	107	120	156	143		146	112	118	123	126	130	155
Max. load kN (kgs) single/twin tyre	19123(1950)	9512(970)	13729(1400)	38736(3950)	leading 38246(3900) guide 29420(3000)		26723(2725)	10980(1120)	13043(1330)	14955(1525)	16622(1695)	18632(1900)	37877(3865)
Load corresponding to Minimum allowed pressure, N (kgs)	-	-	-	36260(3700)	-		-	6909(705)	6909(705)	6909(705)	6909(705)	6909(705)	-
Inflation pressure, for max. load	830(8,5)	590(6,0)	686(7,0)	880(9,0)	700(7,0)		800(8,0)	230(2,4)	310(3,2)	390(4,0)	470(4,8)	550(5,6)	300-600
Minimum allowed inflation pressure, kPa (kgs/cm²)	-	-	-	785(8,0)	-		-	100(1,0)	100(1,0)	100(1,0)	100(1,0)	100(1,0)	-
Valve type	GK-95	GK-95	GK-95	GK-95	GK-115; GK-105		GK-115; GK-105	LK-35-16,5	LK-35-16,5	LK-35-16,5	LK-35-16,5	LK-35-16,5	GK-145
Tube designation	7,00-12	UK-13M-U	UK-13M-U	6,95-16U	8,25-15		8,25-15	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	11,00-20
Rim strip designation	7,00-12	6,00-6,45-13	6,00-6,45-13	8,25-15	8,25-15		8,25-15	9,5-15,3	9,5-15,3	9,5-15,3	9,5-15,3	9,5-15,3	7,7-20
Tyre weight, kg, under	22,0	14,0	15,0	28,0	41,0		44,0	30,0	30,0	30,0	30,0	40,0	82,0
Maximum speed, km/h (Speed Index)	25(A5)	20(A4)	20(A4)	25(A5)	25 (A5)		50(B)	30(A6)	30(A6)	30(A6)	30(A6)	30(A6)	16 (A3)
Tyre application	Loaders: automatic loaders: capacity up to 2 tons	Loaders: electro cars “El-car” and other loaders capacity up to 2 tons	Loaders: electro cars “El-car” and other loaders capacity up to 2 tons	Loaders: electro loaders “Record” capacity up to 3 tons	Loaders: PV-502, CMZAP and other loaders capacity up to 5 tons and dollies		Loaders: PV-502, CMZAP and other loaders capacity up to 5 tons and dollies loaders: PV-502	Machines: MKSM-800 and other construction and road, lifting and transport and multi-purpose machines and trailers domestic and imported	Machines: MKSM-800 and other construction and road, lifting and transport and multi-purpose machines and trailers domestic and imported	Machines: MKSM-800 and other construc-tion and road, lifting and transport and multi-purpose machines and trailers and imported	Machines: MKSM-800 and other construction and road, lifting and transport and multi-purpose machines and trailers domestic and imported	Machines: MKSM-800 and other construction and road, lifting and transport and multi-purpose machines and trailers domestic and imported	Machines: MKSM-800 and other construc-tion and road, lifting and transport and multi-purpose machines and trailers domestic and imported
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

Industrial Tyres

Model	TYREX Heavy DT-114	YF-406	Y-307	Y-140	Y-140A		Y-190	Y-190	VI-15	VF-765	I-159
Tyre designation	10,00-20	12,00-20	14,00-20	16,00-24	16,00-24		15,00-20	15,00-20	18,00-25	18,00-25	16,00-20
Design	bias	bias	bias	bias	bias		bias	bias	bias	bias	bias
Tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern	cross-country tread pattern		cross-country tread pattern	cross-country tread pattern	smooth	open-cut	cross-country tread pattern
External diameter, mm	1075±16	1133±18	1220±18	1482±23	1483±23		1297±20	1297±20	1640±25	1615±25	1384±10
Section width, mm, under	278	327	375	446	446		410	410	515	513	460
Static radius, mm	498±13	532±10	555±9	662±12	680±12		598±10	598±10	755±13	745±13	632±5
Recommended rim	7,5-20	8,5	10,0-20	11,25	11,25		11,25-20	11,25-20	13,0-25/2,5	13	515-292(292-508)
Allowed rim	7,0-20; 8,0-20	-	8,5-20	11,5	11,5		-	-	-	-	-
Ply rating	16	20	18	12	24		18	20	28	32	10
Load index	146	151	158	157	171		153	164	200	183	-
Max. load kN (kgs) single/twin tyre	3000	34300(3500)	41650(4250)	40425(4125)	60270(6150)		35304(3600)	49033(5000)	136024(13880)	85750(8750)	24517(2500)
Load corresponding to Minimum allowed pressure, N (kgs)	1340	-	-	-	-		27949(2850)	39226(4000)	-	63743(6500)	-
Inflation pressure, for max. load	750(7,5)	640±25	500±25	250±25	500±25		380(3,9)	550(5,6)	660(6,6)	575(5,87)	250(2,5)
Minimum allowed inflation pressure, kPa (kgs/cm²)	350(3,5)	-	-	-	-		250(2,5)	350(3,5)	-	350(3,5)	-
Valve type	GK-145	GK-145	GK-170, Ep-161	special	special		GK-135	GK-135	GK-260	EP-161	RK-10
Tube designation	11,0-20	12,00-20	14,00-20	16,00-24	16,00-24		15,00-20	15,00-20	18,00-25	18,00-25	16,00-20
Rim strip designation	6,7-20	7,7-20	14,00-20	16,24	16,00-24		15,00-20	15,00-20	18,00-25	18,00-25	340-508
Tyre weight, kg, under	57	85,0	113,0	152,0	197,0		158,0	162,0	445,0	350,0	165,0
Maximum speed, km/h (Speed Index)	40 (A8)	50(B)	50(B)	50(B)	50(B)		50(B)	50(B)	8(A2)	50(B)	70(E)
Tyre application	Domestic and imported excavators for off-road and soft ground applications	Excavators: bucket multi-purpose type EO-3323 and variants for off-road and soft ground applications	Trucklike chassis cranes на run motor graders, loader and transport machines type PD	Motor graders: DZ-98, D-736, D-395A, D-395V and other 250 class; loaders: TO-18; cranes: KS-4372	Diesel electric cranes K and KS series		Trucks: MAZ, KrAZ and trailers CMZaP-5247	Trucks: MAZ, KrAZ and trailers CMZaP-5247	Machines: loader-transport machine PD-8, road train MoAZ and other loader-delivery mining (shaft) machines domestic and imported	Trucks: dumping truck Belaz-7540	“BAZ”, ZIL-4906, ZIL-4975M2
Manufacturer	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom		Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom	Voltyre-Prom

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