

 **BELARUS**

CATALOGUE

OF TRACTOR MACHINERY



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SMALL AND COMPACT TRACTORS

Power tiller
100 series
300 series
400 series
600 series



BELARUS 09H**POWER TILLER**

This power tiller is intended for agricultural operations on small land plots, small private farms, for cargo hauling, for stationary operations providing drive from power takeoff shaft, and for municipal works.

Manufacturer:
OJSC "Smorgon assembly plant".

Specifications

Engine, petrol	GX270 (HONDA)
Rated power, kW (h.p.)	6,6 (9)
Number of gears:	
forward/reverse	4/2
Travel speed, km/h:	
forward/reverse	2,6-11,4/3,0-5,35
Overall dimensions, mm:	
length	1780
width	846
height	1070
Max. weight of towed trailer, kg	650
Agrotechnical clearance	270

Attachable implements

Harrow cultivator KB-1.6



Trailer for power tiller



Rotary mower KRM-1



Rotary mower KRM-1



Rototiller FR-00010

General-purpose ridge plough
OU-00.000-01General-purpose ridge plough
PU-00.000-01

MINI TRACTOR

This small tractor is intended for agricultural and municipal operations, for cargo hauling, for stationary operations providing drive from power takeoff shaft.

Distinctive features

- Electrostarter ignition system by accumulator battery or manually.
- All four-wheel drive.
- Mechanical, fixed-ratio gearbox.
- Articulated frame.
- Rear hydraulic lift linkage;
- Two-speed power takeoff shaft allows to use the tractor to drive different mechanisms and units;
- Can attach a wide range of implements.

Manufacturer:

OJSC "Smorgon assembly plant".

Specifications

Engine, petrol	Gx390 (HONDA)
Power, kW (h.p.)	8,2 (11)
Number of gears: forward/reverse	4/3
Travel speed, km/h:	
forward/reverse	2,83-17,72/4,03-12,94
Agrotechnical clearance, mm	295
Adjustable track, mm	600, 700, 800
Base, mm	1030
Turning radius with 700 mm track, m	2,5
Weight (operating with ballast weight), kg	532
Specific fuel consumption, g/kWh	313
Overall dimensions, mm:	
length/width/height	2500/1000/2000
Weight, kg	457

BELARUS 132H



Attachable implements

Trailer P05.02



Cultivator KTD-1.3

Small municipal machine



Small-size mover
KTM-00,000



Tractor harrow
BT-1.6



Rototiller
FR-00700B



General-purpose ridge plough
OU-00.000



General-purpose plough
PU-00.000



BELARUS 112H-01**MINI TRACTOR**

The mini tractor "BELARUS 112N-01" is an improved model of the small tractor "BELARUS 132N" and is intended for agricultural operations on small contour land plots, for primary and pre-sowing tillage, sowing and mowing grass, row cultivation in row-spacing coupled with mounted and trailed machines and implements, for various work in utilities and industry.

Distinctive features

- All-wheel drive 4x4;
- Front axle lock;
- Frameless structure (articulated swivel block), adds to tractor mobility;
- Rear hydraulic lift linkage;
- Hydraulic power steering.
- Two-speed power takeoff shaft allows to use the tractor to drive different mechanisms and units;
- Can attach a wide range of implements.

Manufacturer:

OJSC "Smorgon assembly plant".

Attachable implements

Trailer P05.02

**Specifications**

Engine, petrol	Gx390 (HONDA)
Power, kW (h.p.)	8,2 (11,8)
Number of gears: forward/reverse	4/3
Travel speed, km/h:	
forward/reverse	2,96-18,46/4,03-13,47
Agrotechnical clearance, mm	300
Adjustable track, mm	700, 770, 840
Base, mm	1030
Turning radius with 700 mm track, m	2,5
Weight (operating with ballast weight), kg	570
Specific fuel consumption, g/kWh	313
Overall dimensions, mm:	
length/width/height	2500/1000/2000
Weight, kg	495

Cultivator KTD-1.3

Small municipal machine

Small-size mower
KTM-00,000Tractor harrow
BT-1.6Rototiller
FR-007005General-purpose ridge plough
OU-00.000General-purpose plough
PU-00.000

COMPACT TRACTOR

This is a compact wheeled tractor of 0.2 traction class with 4x4 wheel arrangement.

It is intended for agricultural operations on small contour land plots, for primary and pre-sowing tillage, sowing and mowing grass, row cultivation in row-spacing coupled with mounted and trailed machines and implements, for various work in utilities and industry.

Distinctive features

- Solid frame facilitates steering ability.
- Protective safety arc.
- Modern design.
- Improved braking system.
- Upgraded gear changing mechanism.
- Bigger wheel diameter contributes to better cross-county ability.

Manufacturer:

OJSC "Smorgon assembly plant".

Engine

Model	Gx390 (HONDA)
Type	petrol
Displacement	389
Rated power, kW (h.p.)	9,6 (13)
Crankshaft rated speed, rpm	3600
Specific fuel consumption at operating power, g/kWh	313
Maximum torque, Nm	24
PTO power in 1000 rpm mode, kW, not less than	8,6

Transmission

Clutch	Friction, multi-disk,
Clutch control	spring-loaded, operating in oil bath
Gearbox	mechanical, fixed-ratio with constant-mesh gears
Number of gears:	
forward	4
reverse	3
Tractor travel speed (design speed) at crankshaft rated speed on tires of main configuration, km/h:	
a) forward:	
1) least	2,96
2) highest roading	18,46
b) reverse:	
1) least	4,2
2) highest	13,47

BELARUS 152



Main parameters and dimensions

Operating weight, kg	650
Clearance, mm, not less than	
- agrotechnical clearance under rear wheel tubes	300
- agrotechnical clearance under front axle	300
- road clearance (on tires of main configuration)	280
Track size, mm:	
- front wheels	755...1050
- rear wheels	770...1000
Least turning radius	
with minimal track size, m	2,5
Tractor base, mm	1125
Maximum fordable depth, m	0,25
Overall dimensions, mm	
length (with lift linkage being in transport position)	2450
- width measured between rear wheels	990
- height to steering wheel	1350
- height to arc top	1970
Tires (main configuration):	
- front	210/75R13
- rear wheels	210/75R13

Hydraulic lift linkage

Load-sensitive (LS) on the base of variable-displacement pump with 4-section electrohydraulic distributor (EHS-1).

Maximum lifting capacity at suspension point, kg	
rear lift linkage	6500
front lift linkage	4800
Maximum pressure, MPa	20
Pump performance, l/min	0-86
Hydraulic system capacity, l	80

BELARUS 300

311/311M321/321M310.4/310.4M; 320.4*/320.4M* These tractors are intended for various agricultural operations coupled with mounted, semi-mounted and trailed machines, for hauling operations and for operations in industry.

311/311M

Distinctive features

Small dimensions allow using the tractor in greenhouses and small rooms

Equipment on order

- Front lift linkage.
- Front PTO with shaft shank.
- Front ballast weights.
- Front driving axle, with function of automatic engagement in case of rear wheel skidding.

321/321M

Distinctive features

Small dimensions allow using the tractor in greenhouses and small rooms.

Diesel engine meets the environmental requirements of Stage

Equipment on order

- TSU-2 tow hitch (hydraulic hook).
- Combined trailing appliance (pendulum and hydraulic hook).
- Rear wheel ballast weights.
- Front ballast weights.
- Fast-coupling cutoff clutches.
- Hitch hoses.

310.4/310.4M; 320.4*/320.4M*

Distinctive features

Small dimensions allow using the tractor in greenhouses and small rooms.

Diesel engine meets the environmental requirements of Stage IIIa.

Equipment on order

- Front lift linkage.
- Front PTO with shaft shank.
- Front ballast weights.
- Hitch hoses.
- Bracket with cutoff clutches.
- TSU-1M tow hitch.

*Front driving axle.



BELARUS 300



SPECIFICATIONS

Model		311/311M	321/321M	310.4/310.4M	320.4/320.4M
Engine					
Type		A* / B*	C* / B*	B* / A*	C* / B*
Power		26 (35,3)/ 26 (36)	26(36)	24,3 (33)/ 26,5 (36)	26(36)
Crankshaft rated speed	kW (h.p.)	3000			
Number of cylinders	rpm	3			
Displacement	pcs.	1,617 / 1,600		1,649 / 1,600	
Maximum torque	l	100 / 94		92 / 94	
Factor of torque backup	Nm	15		12 / 20	
Fuel tank capacity	%	25			32
Transmission					
Clutch		dry, single-disk, friction, spring-loaded			
Gearbox		mechanical, fixed-ratio with constant-mesh gears, with easy-engagement toothed clutches, dual-range, with step-down reduction gear group			
Number of gears: forward/reverse		8/4		16/8	
Travel speed: forward	km/h	3,1-25,2		1,0-25,2	
reverse	km/h	5,5-13,3		1,8-13,3	
Rear PTO:					
continuous I	rpm	540		540	
continuous II	rpm	-		1000	
ground-speed I	rev/m of travel	-		3,4	
ground-speed II	rev/m of travel	-		6,3	
Master drive		spiral bevel gears			
Rear axle differential		bevel gear-type with 2 satellite gears			
Final drives		single-reduction gear units with spur gears			
Hydraulic lift linkage					
Versatile, remote-cylinder, implements are attached by means of pins to pivots of longitudinal (lower) links and central link.					
Lifting capacity at suspension point	kg	870		1100	
Maximum pressure	MPa	20		20	
Pump performance	l/min	17		17	
Hydraulic system capacity	l	10		11	
Dimensions and weight					
Overall length	mm	3050			
Width	mm	1300		1550	
Height to cabin top	mm	2200	2280	2150	
Tractor base	mm	1660	1690	1660 / 1690	
Track:	mm				
front wheels	mm	1000, 1200, 1350	1060, 1210	1000, 1200, 1350 / 1260, 1410	
rear wheels	mm	1000, 1160	1000, 1160	1250 / 1400	
Agrotechnical clearance	mm	450		435	
Least turning radius	m	3,6		3,7	
Operating weight					
with cabin	kg	-		1680 / 1770	
without cabin	kg	1450		1540 / 1630	
Tire sizes (standard):					
front wheels		6,50-16	7,5L-16	6,5L-16	7,5L-16
rear wheels		12,4L-16			
Wheel arrangement		2x4	2x4 / 4x4	2x4	4x4

*A — 3T30 four-stroke engine (China).

*B — MMZ-3LD four-stroke diesel engine (Belarus); (**Stage IIIa**).

*C — LOMBARDINI LDW1603/B3 four-stroke diesel engine (Italy); (**Stage IIIa**).

BELARUS 400 and 600

This tractor is intended for various agricultural operations coupled with mounted, semi-mounted and trailed machines, for hauling operations and for operations in industry.

422.4/622

Distinctive features

Small dimensions allow using the tractor in greenhouses and small rooms, low-contour land plots.

Diesel engine meets the environmental requirements of Stage IIIa.

The BELARUS 422 tractor is made on the base on BELARUS 622 tractor.

Equipment on order

- Front lift linkage.
- Front PTO with shaft shank.
- Front ballast weights.
- Hitch hoses.
- TSU-1M tow hitch.
- Bracket with cutoff clutches.



451/651

Distinctive features

Small dimensions, high road clearance, final drive with planetary gear group.

The BELARUS 451 tractor is built on the base on BELARUS 651 tractor.

Equipment on order

- Front lift linkage.
- Front PTO with shaft shank.
- Front ballast weights.
- Hitch hoses.
- Bracket with cutoff clutches.
- TSU-1M tow hitch (pendulum, hydraulic hook).
- Economical PTO 540e.



BELARUS 400 and 600



SPECIFICATIONS

Model		422.4	622	451	651
Engine					
Type		A	B*	A* / C*	B* / *D
Power	kW (h.p.)	36,6 (49,8)	46 (62,5)	36,6 (49,8) / 38(51)	46(62,5) / 45,5(61,8)
Crankshaft rated speed	rpm	3000			
Number of cylinders	pcs.	4			
Displacement	l	2,07 / 2,2		2,216	
Maximum torque	Nm	125	174	125 / 142,7	174 / 189,1
Specific fuel consumption at rated power	g/kWh	329		329 / 324	
Factor of torque backup	%	15	18	15 / 17	18 / 30
Fuel tank capacity	l	90		45	
Transmission					
Clutch		dry, single-disk			
Gearbox		mechanical, with easy-engagement clutches			
Number of gears: forward/reverse		16/8			
Travel speed: forward	km/h	1,2-36,6		1,3-40	
reverse	km/h	2,1-19,5		2,3-21,6	
Rear PTO:					
continuous I	rpm	540		540	
continuous II	rpm	1000		1000 (+continuous III, PTO 540e)	
ground-speed I	rev/m of travel	3,2		2,9	
ground-speed II	rev/m of travel	6,0		5,4 or 3,7	
Hydraulic lift linkage					
		Versatile, remote-cylinder			
Lifting capacity at suspension point				1700	
	kg	-		520	
Maximum pressure	MPa			20	
Pump performance	l/min			40	
Hydraulic system capacity	l	22		19	
Dimensions and weight					
Overall length	mm	3450		3270	
Width	mm	1700		1675	
Tractor base	mm	1930		1900	
Height to cabin top	mm	2380		2320	
Safety arc height	mm	-		2260	
Track:	mm				
front wheels	mm	1390, 1530		1260, 1410	
rear wheels	mm	1410, 1510, 1560, 1660, 1730, 1830		1300, 1350, 1450, 1520, 1620	
Agrotechnical clearance	mm	560		470	
Least turning radius	m	3,9		3,8	
Operating weight	kg	4000		3000	
Tire sizes (standard):					
front wheels		12,4R-16		9,50-20	
rear wheels		360/70R24		14.9R24	
Wheel arrangement		4x4			

*A — LOMBARDINI LDW2204 four-stroke diesel engine with pre-chamber injection. **Stage IIIa.**

*B — LOMBARDINI» LDW2204T four-stroke turbocharged diesel engine with pre-chamber injection. **Stage IIIa.**

*C — CATERPILLAR C2.2 GN51 four-stroke diesel engine. **Stage IIIa.**

*D — CATERPILLAR C2.2 GP61B four-stroke turbocharged diesel engine. **Stage IIIa.**

BELARUS 892



VERSATILE ROW-CROP TRACTORS

500 series

800 series

900 series

1000 series

1200 series

1300 series



BELARUS 500

Tractors are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

510/512*/520/522*

Equipment on order

- TSU-2 tow hitch (hydraulic hook).
- Combined trailing appliance (pendulum and hydraulic hook).
- Rear wheel ballast weights.
- Front ballast weights.
- Fast-coupling cutoff clutches.
- Hitch hoses.

*Front driving axle.

510/512*
520/522*



511/511.1/512.1*/512.2*/611**/612*(**)

Equipment on order

- TSU-2 tow hitch (hydraulic hook).
- Combined trailing appliance (pendulum and hydraulic hook)
- Rear wheel ballast weights
- Front ballast weights
- Fast-coupling cutoff clutches
- Hitch hoses.

*Front driving axle.

511/511.1
512.1/512.2
611/612*



BELARUS 500



SPECIFICATIONS

Model		510/512	520/522	511/511.1	512.1/512.2	611	612
Engine							
Type		A*					
Model		D-244	D-242	D-244		D-242	
Power	kW (h.p.)	42 (57)	46 (62)	42 (57)	46 (62)	42 (57)	46 (62)
Crankshaft rated speed	rpm	1700	1800	1700	1800	1700	1800
Number of cylinders	pcs.	4					
Displacement	l	4,75					
Maximum torque	Nm	235		271		278	
Specific fuel consumption							
at operating power	g/kWh	226	229	235			
Factor of torque backup	%	15					
Fuel tank capacity	l	130					
Transmission							
Clutch		dry, single-disk					
Gearbox		mechanical, fixed ratio					
Number of gears: forward/reverse		9/2 (on order - 18/4)					
Travel speed: forward	km/h	1,44-26,5	1,53-28,0	1,44-26,5;1-53-28			
Reverse	km/h	3,18-7,1	3,38-7,55	3,18-7,1;3,38-7,55			
Rear PTO:							
continuous I	rpm	540					
continuous II	rpm	1000					
ground-speed	rev/m of travel	3,4					
Hydraulic lift linkage							
Versatile, remote-cylinder with height control , optional – with draft and position control of soil cultivation depth.							
Lifting capacity at suspension point	kg	3200					
Maximum pressure	MPa	20					
Pump performance	l/min	45					
Hydraulic system capacity	l	21					
Dimensions and weight							
Overall length	mm	3815/3930		4070/4120			
Width (between rear wheel axle shaft ends)	mm	1970					
Height to steering wheel	mm	2190					
Track:	mm						
front wheels	mm	1350-1850		1400-2000/1350-1850			
rear wheels	mm	1400-2100		1400-1600/1800/2100			
Agrotechnical clearance	mm	590					
Least turning radius	m	3,8	4,1	3,8/4,1			
Fordable depth	m	0,85					
Operating weight	kg	3430/3640		3310/3480; 3340/3520;3310/3430			
Tire sizes (standard):							
front wheels		9,0-20/11,2-20					
rear wheels		15,5R38					
Wheel arrangement		4x2	4x4	4x2	4x4	4x2	4x4

*A – Diesel engine with direct fuel injection, without turbocharger.

BELARUS 570 and 90

The tractor is intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

570/572*

Distinctive features

Renewed design (plastic, facing).

* Front driving axle.

Equipment on order

- TSU-2 tow hitch (hydraulic hook).
- Combined trailing appliance (pendulum and hydraulic hook).
- Rear wheel ballast weights.
- Front ballast weights.
- Additional seat.
- Fast-coupling cutoff clutches;
- Hitch hoses;
- Canopy frame.
- Canopy base.

592.2

Distinctive features

Front driving axle with planetary-spur gear groups.
Brakes operating in oil bath. Synchronized gearbox.

Equipment on order

- TSU-2 tow hitch (hydraulic hook).
- Combined trailing appliance (pendulum and hydraulic hook).
- Rear wheel ballast weights.
- Front ballast weights.
- Fast-coupling cutoff clutches.
- Hitch hoses.

*Front driving axle.

90/92*

Distinctive features

For operation in hot climate countries.

Equipment on order

- TSU-2 tow hitch (hydraulic hook).
- Combined trailing appliance (pendulum and hydraulic hook).
- Rear wheel ballast weights.
- Front ballast weights.
- Fast-coupling cutoff clutches.
- Hitch hoses.

*Front driving axle.

811/812*/911**/912*(**)

Distinctive features

For operation in hot climate countries.

Equipment on order

- Brakes operating in oil.
- Fiberglass facing.
- TSU-2 tow hitch (hydraulic hook).
- Combined trailing appliance (pendulum and hydraulic hook).
- Rear wheel ballast weights.
- Front ballast weights.
- Fast-coupling cutoff clutches.
- Hitch hoses.

*Front driving axle.

**With D-243.1 engine.

570
572



570
572



592.2



90
92



811/812/911
912



BELARUS 570 and 90



SPECIFICATIONS

Model		570	572/592.2	90/92	811/812	911/912
Engine						
Type		A*				
Model		D-242	D-242S	D-243.1	D-243/D-243.1	
Power	kW (h.p.)	45,6(62)	47,5(64,6)	66 (90)	59,6(80)/66 (90)	
Crankshaft rated speed	rpm	1800	2200			
Number of cylinders	pcs.	4				
Displacement	l	4,75				
Maximum torque	Nm	278	287	305	298/305	
Specific fuel consumption at rated power	g/kWh	229/238				
Factor of torque backup	%	15				
Fuel tank capacity	l	130				
Transmission						
Clutch		dry, single-disk				
Gearbox		Mechanical / mechanical, synchronized,				Mechanical, fixed ratio
		with step-down reduction gear doubling the number of gears (for 592.2)				
Number of gears: forward/reverse		18/4				
Travel speed: forward	km/h	1,53-28,0			1,9-34,3	
reverse	km/h	3,38-7,55			4,09-9,22	
Rear PTO:						
continuous I	rpm	540				
continuous II	rpm	1000				
ground-speed	rev/m of travel	3,4				
Hydraulic lift linkage						
		Remote-cylinder, with hydraulic lift providing draft, positional, mixed and height adjustment of agricultural implement position.				
Lifting capacity at suspension point	kg	3200				
Maximum pressure	MPa	20				
Pump performance	l/min	45				
Hydraulic system capacity	l	25				
Dimensions and weight						
Overall length	mm	3815/3930				
Width (between rear wheel axle shaft ends)	mm	1970				
Height to steering wheel	mm	2780/2800			2160	
Track:	mm					
front wheels	mm	1350-1850/1400-1990			1400-2000/1350-1850	
rear wheels	mm	1400-1600/1800-2100			1400-1600/1800-2100	
Agrotechnical clearance	mm	590				645
Least turning radius	m	3,8/4,1		3,8/4,5	3,8/4,1	
Fordable depth	m	0,85				
Operating weight (weight without ballast ¹)	kg	3770/4000		3460/3690	4530/3640	
Tire sizes (standard):						
front wheels		7,5-20/11,20			9,0/11,2-20	
rear wheels		15,5R38				
Wheel arrangement		4x4				

*A - Diesel engine with direct fuel injection without turbocharger.

¹ Main configuration

BELARUS 800

The tractor is intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

80.1/82.1*

Distinctive features

Front non-driving axle (80.1), front driving axle of portal type with bevel gear groups (82.1), Stage II engine.

*Front driving axle. Hydraulic drive of trailer brakes.

Equipment on order

- Stage I engine.
- Metal-ceramic pads for coupling clutch;
- Reverse reduction unit.
- Ballast weights for rear wheels.
- Front ballast weights.
- Creeper.
- RLL draft control.
- Compound hitch device (hydraulic hook, draw bar, pendulum).
- Kit for twinning of rear wheels.
- Additional seat;
- Canopy frame, canopy base;
- Upgraded design (plastic facing).
- Air conditioner;

820

Distinctive features

Front driving axle with planetary-spur gear groups.

Equipment on order

- Stage I or Stage II engine;
- Metal-ceramic pads for coupling clutch;
- Reverse reduction unit.
- Ballast weights for rear wheels. Front ballast weights.
- Creeper.
- RLL draft control.
- Compound hitch device (hydraulic hook, draw bar, pendulum).
- Kit for twinning of rear wheels.
- Additional seat;
- Canopy frame, canopy base;
- Upgraded design (plastic facing).
- Air conditioner;

892/892.2

Distinctive features

Front driving axle with bevel gear groups (892).

Front driving axle with planetary-spur gear groups. Mechanical, fixed-ratio gearbox (892.2).

Equipment on order

- Stage I engine;
- Metal-ceramic pads for coupling clutch;
- Reverse reduction unit.
- Ballast weights for rear wheels. Front ballast weights.
- Creeper.
- RLL draft control.
- Compound hitch device (hydraulic hook, draw bar, pendulum)).
- Kit for twinning of rear wheels.
- Additional seat;
- Canopy frame, canopy base;
- Upgraded design (plastic facing).



BELARUS 800



SPECIFICATIONS

Model		80.1/82.1	820	892/892.2
Engine				
Type		A*		B*
Model		D-243		D-245.5/D-245.5C
Power	kW (h.p.)	60 (81)	59,6 (80)	65 (89)/66 (90)
Crankshaft rated speed	rpm	2200		1800
Number of cylinders	pcs.	4		
Displacement	l	4,75		
Maximum torque	Nm	298		396/397
Specific fuel consumption at rated power	g/kWh	229		
Factor of torque backup	%	15		
Fuel tank capacity	l	130		
Transmission				
Clutch		dry, single-disk		
Gearbox		mechanical, fixed-ratio		
Number of gears: forward/reverse		18/4		
Travel speed: forward	km/h	1,9-34,3		2,1-38,2/2,26-41,1
reverse	km/h	4,09-9,22		4,42-10,25/4,76-11,04
Rear PTO:				
continuous I		540		
continuous II	rpm	1000		
ground-speed	rpm	3,4	3,23	3,36
Hydraulic lift linkage				
		rev/m of travel		
Remote-cylinder, with hydraulic lift providing draft, positional, mixed and height adjustment of agricultural implement position.				
Lifting capacity at suspension point	kg	3200		
Maximum pressure	MPa	20		
Pump performance	l/min	45		
Hydraulic system capacity	l	25		
Dimensions and weight				
Overall length	mm	4120		
Width (between rear wheel axle shaft ends)	mm	1970		
Height to cabin top	mm	2780/2800	2800	2850
Tractor base	mm	2370/2450	2450	2450
Track:				
front wheels	mm	1350-1850/1430-1990	1430-1990	1450-1970/1920-1970
rear wheels	mm	1400/2100	1400-1600/1800/2100	1500-2100
Agrotechnical clearance	mm	645		510
Least turning radius	m	3,8/4,5	4,5	4,1/4
Fordable depth	m	0,85		
Operating weight	kg	3770/4000	4000	4150/4250
Tire sizes (standard):				
front wheels		9,0-20/11,2-20	360/70R24	13,6-20/360/70R24
rear wheels		15,5R38	18,4R34	16,9R38/18,4R34
Wheel arrangement		4x2/4x4		4x4

*A - Diesel engine with direct fuel injection, *B with turbocharger.

¹ Main configuration.

BELARUS 920

Tractors of product line 952 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

920/920.2

Distinctive features

Front driving axle with bevel gear groups (920), Front driving axle with planetary-spur gear groups and hydraulic system with hydraulic lift (920.2).

Equipment on order

- Metal-ceramic pads for coupling clutch;
- Double-lever gearbox;
- Creeper;
- Brakes operating in oil bath;
- Additional seat;
- Kit for twinning of rear wheels;
- Ballast weights for rear wheels;
- Air conditioner;
- Reverse reduction unit;
- Step down reduction unit with reverse reduction gear;
- Hydraulic drive for trailer brakes.

900.3/ 920.3

Distinctive features

Front non-driving axle (900.3), Front driving axle with planetary-spur gear groups (920.3).

Renewed interior. Plastic facings of improved design.

Equipment on order

- Metal-ceramic pads for coupling clutch;
- Double-lever gearbox;
- Creeper;
- Brakes operating in oil bath;
- Additional seat;
- Kit for twinning of rear wheels;
- Ballast weights for rear wheels;
- Air conditioner;
- Reverse reduction unit;
- Step down reduction unit with reverse reduction gear;
- Hydraulic drive for trailer brakes.

900.4/ 920.4

Distinctive features

Front non-driving axle (900.4), Front driving axle with planetary-spur gear groups (920.4).

Front driving axle with planetary-spur gear groups.

Renewed interior. Plastic facings of improved design.

Equipment on order

- Metal-ceramic pads for coupling clutch;
- Double-lever gearbox;
- Creeper;
- Brakes operating in oil bath;
- Additional seat;
- Kit for twinning of rear wheels;
- Ballast weights for rear wheels;
- Air conditioner;
- Reverse reduction unit;
- Step down reduction unit with reverse reduction gear;
- Hydraulic drive for trailer brakes;
- Hydraulic system with hydraulic lift;
- FDA with bevel gear groups.

920.6

Distinctive features

PTO driven with the help of a hydraulically-pressed clutch; front driving axle drive – a cylindrical reduction gear built into the gearbox with a hydraulically-pressed clutch, cardan shaft; transmission 14x12 with step-down reduction gear and reverse reduction gear; brakes operating in oil bath.

Equipment on order

- Clutch metal-ceramic linings.
- Two-lever control of gearbox.
- Air conditioner.
- Rear wheel ballast weights.
- Brakes operating in oil bath.
- Rear wheel twinning kit.
- Compressor with valve (without pneumatic system)



BELARUS 920



SPECIFICATIONS

Model		920	920.2	920.3	920.4	920.6
Engine						
Type-		B*		D*	E*	F*
Model		D-243		D-245.43S2	D-245.43S3A	D-245.43S4
Power	kW (h.p.)	60 (81)		62 (84)		
Crankshaft rated speed	rpm	2200		1800		2200
Number of cylinders	pcs.	4				
Displacement	l	4,75				
Maximum torque	Nm	298		411		
Specific fuel consumption						
at operating power	g/kWh	235				
Factor of torque backup	%	15		25		
Fuel tank capacity	l	130		135		
Transmission						
Clutch		dry, single-disk				
Gearbox		synchromesh				
Number of gears: forward/reverse		14/4				14/12
Travel speed: forward	** (with a step-down reduction gear)	2,8-39,9		2,6-38,1 (2,0-28,8)**		2,4-35,2
reverse	km/h	5,8-13,2		5,6-12,6 (4,2-9,5)**		2,2-17,7
Rear PTO:						
continuous I	rpm	540				
continuous II	rpm	1000				
ground-speed	rev/m of travel	3,23		3,36		
Hydraulic lift linkage						
		Remote-cylinder, with hydraulic lift providing draft, positional and height adjustment of agricultural implement position. (920/920.2)				
		Remote-cylinder, with hydraulic lift, providing draft, positional, mixed and height adjustment of agricultural implement position. (920.3/920.4/920.6/900.3/900.3)				
Lifting capacity at suspension point	kg	3200		4000		
Maximum pressure	MPa	20				
Pump performance	l/min	45				
Hydraulic system capacity	l	25		28		
Dimensions and weight						
Overall length	mm	3970		4060	4440	4500
Width (between rear wheel axle shaft ends)	mm	1970				
Height to cabin top	mm	2850				
Track:	mm					
front wheels	mm	1450-1970	1535-2120	1535-2120		
rear wheels	mm	1500-2100		1500-2100		
Agrotechnical clearance	mm	645		510		
Least turning radius	m	4,1		4,5		
Fordable depth	m	0,85				
Operating weight	kg	4100	4200	4300	4800	5325
Tire sizes (standard):						
front wheels		13,6-20/360/70R24		360/70R24		
rear wheels		16,9-R38/18,4R34		18,4R34		

*B — Diesel engine with direct fuel injection, with turbocharge. **Stage II.**

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

BELARUS 922

Tractors are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

922.3

Distinctive features

Low-profile cabin, allowing use of tractor in livestock complexes and poultry farms.

Brakes operating in oil bath.

Equipment on order

- Air conditioner.
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).
- Rear wheel twinning kit.

922.3
922.4



922.4

Distinctive features

Low-profile cabin, allowing use of tractor in livestock complexes and poultry farms.

Brakes operating in oil bath.

Equipment on order

- Air conditioner
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).
- Rear wheel twinning kit.

922.5



922.5

Distinctive features

Low-profile cabin, allowing use of tractor in livestock complexes and poultry farms.

Brakes operating in oil bath.

Equipment on order

- Air conditioner
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).
- Rear wheel twinning kit.

BELARUS 922



SPECIFICATIONS

Model		922.3	922.4	922.5
Engine				
Type-		C*	D*	E*
Model		D-245.5S2	D-245.5S3A	D-245.5S3B
Power	kW (h.p.)		70 (95)	
Crankshaft rated speed	rpm		1800	
Number of cylinders	pcs.		4	
Displacement	l		4,75	
Maximum torque	Nm		464	
Specific fuel consumption				
at operating power	g/kWh	229	220	225
Factor of torque backup	%		25	
Fuel tank capacity	l		120	
Transmission				
Clutch			dry, single-disk	
Clutch control			hydrostatic	
Gearbox			synchromesh	
Number of gears: forward/reverse			14/4	
Travel speed: forward	km/h		2,65-38,1	
reverse			5,6-12,6	
Rear PTO:				
continuous I	rpm		540	
continuous II	rpm		1000	
ground-speed	rev/m of travel		3,36	
PTO control			electrohydraulic	
Hydraulic lift linkage				
Remote-cylinder with hydraulic hoist, providing draft, position, mixed and height control of agricultural implements.				
Lifting capacity				
at suspension point	kg		4200	
Maximum pressure	MPa		20	
Pump performance	l/min		45	
Hydraulic system capacity	l		28	
Dimensions and weight				
Overall length	mm	4060 (without ballast)		4440
Width (between rear wheel axle shaft ends)	mm		1970	
Height to cabin top	mm		2560	
Track:	mm			
front wheels	mm		1535-2180	
rear wheels	mm		1400-1600/1800-2100	
Agrotechnical clearance	mm		520	
Least turning radius	m		5,1	
Fordable depth	m		0,85	
Operating weight	kg	4300 (without ballast)	5060	5045
Tire sizes (standard):				
front wheels			360/70R24	
rear wheels			18,4R34	

*C — Diesel engine with direct fuel injection, turbocharged with intercooler. **Stage II.**

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

BELARUS 923

Tractors 923 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

923.3

Distinctive features

- New full-profile cabin with cylindrical glass.
- Brakes operating in oil bath.

Equipment on order

- Air conditioner.
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).
- Rear wheel twinning kit.

923.4

Distinctive features

- Upon the customer's choice, either the «Common Rail» fuel injection system, or the Mercer fuel injection system and a Motorpal fuel pump are mounted.
- Brakes operating in oil bath.
- New full-profile cabin with cylindrical glass.
- Combined pneumatic drive.

Equipment on order

- Air conditioner
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).
- Rear wheel twinning kit.

923.5

Equipment on order

- Air conditioner.
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).
- Rear wheel twinning kit.

923.3
923.4



923.5



BELARUS 923



SPECIFICATIONS

Model		923.3	923.4	923.5
Engine				
Type-		C*	D*	E*
Model		D-245.5S2	D-245.5S3A	D-245.5S3B
Power	kW (h.p.)		70 (95)	
Crankshaft rated speed	rpm		1800	
Number of cylinders	pcs.		4	
Displacement	l		4,75	
Maximum torque	Nm		464	
Specific fuel consumption				
at operating power	g/kWh	229	220	225
Factor of torque backup	%		25	
Fuel tank capacity	l		120	
Transmission				
Clutch			dry, single-disk	
Clutch control			hydrostatic	
Gearbox			synchromesh	
Number of gears: forward/reverse			14/4	
Travel speed: forward	km/h		2,65-38,1	
reverse			5,6-12,6	
Rear PTO:				
continuous I	rpm		540	
continuous II	rpm		1000	
ground-speed	rev/m of travel		3,36	
PTO control			electrohydraulic	
Hydraulic lift linkage				
Remote-cylinder with hydraulic hoist, providing draft, position, mixed and height control of agricultural implements.				
Lifting capacity at suspension point	kg		4200	
Maximum pressure	MPa		20	
Pump performance	l/min		45	
Hydraulic system capacity	l		35	
Dimensions and weight				
Overall length (in main configuration)	mm	4440 (without ballast)		4440
Width (between rear wheel axle shaft ends)	mm		1970	
Height to cabin top	mm		2850	
Track:	mm			
front wheels	mm		1535-2180	
rear wheels	mm		1500-1600/1800-2100	
Agrotechnical clearance	mm		520	
Least turning radius (without braking)	m		5,1	
Fordable depth	m		0,85	
Operating weight	kg	4775	5235	5245
Tire sizes (standard):				
front wheels			360/70R24	
rear wheels			18,4R34	

*C — Diesel engine with direct fuel injection, turbocharged with intercooler. **Stage II.**

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

BELARUS 952

Tractors 952 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

952

Distinctive features

Synchronized gearbox, front driving axle with bevel gear groups (952).

Equipment on order

- Metal-ceramic pads for coupling clutch;
- Ballast weights for rear wheels;
- Brakes operating in oil bath;
- Double-lever gearbox control;
- Kit for twinning of rear wheels;
- Additional seat.

952.2/ 952.3

Distinctive features

Synchronized gearbox, front driving axle with planetary-spur gear groups.

Equipment on order

- Metal-ceramic pads for coupling clutch;
- Ballast weights for rear wheels;
- Brakes operating in oil bath;
- Double-lever gearbox control;
- Kit for twinning of rear wheels;
- Additional seat;
- Air conditioner (952.3).

952.4/ 952.5

Distinctive features

Synchronized gearbox, front driving axle with planetary-spur gear groups.

Equipment on order

- Metal-ceramic pads for coupling clutch;
- Ballast weights for rear wheels;
- Brakes operating in oil bath;
- Double-lever gearbox control;
- Kit for twinning of rear wheels;
- Additional seat;
- Air conditioner.

952.6

Distinctive features

PTO driven with the help of a hydraulically-pressed clutch; front driving axle drive – a cylindrical reduction gear built into the gearbox with a hydraulically-pressed clutch, cardan shaft; transmission 14x12 with step-down reduction gear and reverse reduction gear; brakes operating in oil bath.

Equipment on order

- Metal-ceramic pads for coupling clutch;
- Ballast weights for rear wheels;
- Brakes operating in oil bath;
- Double-lever gearbox control;
- Kit for twinning of rear wheels;
- Additional seat;
- Air conditioner.

952



952.2

952.3
952.4952.5
952.6

BELARUS 952



SPECIFICATIONS

Model		952	952.2	952.3	952.4	952.5	952.6
Engine							
Type		B*		C*	D*	E*	F*
Model		D-245.5		D-245.5S2	D-245.5S3A	D-245.5SB	D-245.5S4
Power	kW (h.p.)	65 (89)		70 (95)			
Crankshaft rated speed	rpm	1800					2200
Number of cylinders	pcs.	4					
Cylinder bore/piston stroke	mm	4,74					
Displacement	Nm	397			464		
Maximum torque	%	15			25		
Factor of torque backup	l	130			135		
Transmission							
Clutch		dry, single-disk					
Clutch control		mechanical					
Gearbox		mechanical, synchromesh					
Number of gears: forward/reverse		14/4					
Travel speed: forward	** (with a step-down reduction gear)	2,8-39,9 (2,1-29,9)**					2,8-39,9
reverse	km/h	5,8-13,2 (4,4-9,9)**					5,8-13,2
Rear PTO:							
continuous I	rpm				540		
continuous II	rpm				1000		
ground-speed	rev/m of travel	3,23				3,36	
PTO control		mechanical			Electrohydraulic		
Hydraulic lift linkage							
		Remote-cylinder, with draft, positional and height adjustment of agricultural implement position (950/950.2)					
		Remote-cylinder, with hydraulic lift, providing draft, positional, mixed and height adjustment of agricultural implement position. (950.3/950.4/950.6)					
Lifting capacity at suspension point	kg	3200			4000		
with C-110 cylinder (optional)	kg	3800			-		
Maximum pressure	MPa				20		
Pump performance	l/min				45		
Hydraulic system capacity	l	25			28		
Dimensions and weight							
Overall length	mm	3970	4000	4440		4500	
Width (between rear wheel axle shaft ends)	mm				1970		
Height (to cabin top)	mm				2850		
Tractor base	mm				2450		
Track:							
front wheels	mm	1450-1970		1535-2120			
rear wheels	mm				1500-2100		
Agrotechnical clearance	mm	645			510		
Least turning radius	m	4,1		4,5			
Fordable depth	m				0,85		
Operating weight	kg	4100	4200	4800		5250	
Tire sizes (standard):							
front wheels		13,6-20 или 360/70R20			360/70R20		
rear wheels		16,9R38/18,4R34			18,4R34		
Wheel arrangement		4x4					

*B — Diesel engine with direct fuel injection with turbocharged, *C and intercooler (**Stage II**)

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa**.

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb**.

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV**.
Meets the requirements of Regulation (EU) 167/2013.

BELARUS 1021

Tractors 1021 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

1021

Distinctive features

- Front driving axle with planetary-spur wheel gear groups, rear axle with planetary final drives.
- Clutch metal-ceramic linings.
- Air cleaner at cabin post, metallic facing.

Equipment on order

- Brakes operating in oil bath.
- Two-lever control of gearbox.
- Additional seat.
- Rear wheel ballast weights.
- Creeper.
- Front and rear ballast weights.
- Rear wheel twinning kit.
- Dual-line pneumatic drive of trailer brakes.
- Compressor with valve (without pneumatic system).
- Front ballast weight.

1021.3/1021.4

Distinctive features

- Front driving axle with planetary-spur wheel gear groups, rear axle with planetary final drives.
- Clutch metal-ceramic linings. Air cleaner, metallic facing.

Equipment on order

- Air conditioner
- Brakes operating in oil bath.
- Two-lever control of gearbox.
- Additional seat.
- Rear wheel ballast weights.
- Rear wheel twinning kit.
- Dual-line pneumatic drive of trailer brakes.
- Creeper.
- Compressor with valve (without pneumatic system).
- Dual-line pneumatic drive for trailer brakes (1021.3).
- Single-line pneumatic drive for trailer brakes (1021.4).

1021.5

Distinctive features

- Front driving axle with planetary-spur gear groups, rear axle with planetary final drives.
- Clutch metal-ceramic linings.

Equipment on order

- Air conditioner.
- Brakes operating in oil bath;
- Double-lever gearbox control;
- Ballast weights for rear wheels;
- Single-line pneumatic drive for trailer brakes.
- Additional seat.
- Creeper.
- Rear wheel twinning kit.
- Compressor with valve (without pneumatic system).



BELARUS 1021



SPECIFICATIONS

Model		1021	1021.3	1021.4	1021.5
Engine					
Type		B*	C*	D*	E*
Model		D-245	D-245S2	D-245S3A	D-245S3B
Power	kW (h.p.)	77 (105)		81 (110)	
Crankshaft rated speed	rpm		2200		
Number of cylinders	pcs.		4		
Displacement	l		4,75		
Maximum torque	Nm	384		440	
Specific fuel consumption					
at operating power	g/kWh		235		
Factor of torque backup	%	15		25	
Fuel tank capacity	l		135		
Transmission					
Clutch				dry, single-disk	
Gearbox				mechanical, synchromesh	
Number of gears: forward/reverse				14/4	
Travel speed: forward	km/h		2,6-37,5		
reverse			5,5-12,4		
Rear PTO:					
continuous I	rpm		540		
continuous II	rpm		1000		
ground-speed	rev/m of travel		4,3		
PTO control				electrohydraulic	
Hydraulic lift linkage					
Remote-cylinder with hydraulic hoist, providing draft, position, mixed and height control of agricultural implements.					
Lifting capacity at suspension point	kg		4200		
Maximum pressure	MPa		20		
Pump performance	l/min		45		
Hydraulic system capacity	l		28		
Dimensions and weight					
Overall length	mm	4105		4525	
Width	mm		2250		
Height to cabin top	mm		2840		
Tractor base	mm		2445		
Track:	mm				
front wheels	mm		1535-2180		
rear wheels	mm		1500-2440		
Agrotechnical clearance	mm		645		
Least turning radius	m		5,9		
Fordable depth	m		0,85		
Operating weight	kg	4675	4870	5280	5385
Tire sizes (standard):					
front wheels			360/70R24		
rear wheels			16,9R38		

*B — Diesel engine with direct fuel injection with turbocharged, *C and intercooler (**Stage II**)

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

BELARUS 1025

Tractors of product line 1025 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

1025.2

Distinctive features

Front driving axle with planetary-spur gear groups, diesel engine meets the environmental requirements of Stage I.

PTO drive – with hydraulically-controlled friction clutch.

Equipment on order

- Canopy frame.
- Brakes operating in oil bath.
- Creeper.
- Wheel twinning kit.
- Additional seat.
- Dual-line pneumatic drive.
- Air conditioner;
- Compressor with valve (without pneumatic system);
- Ballast weights for rear wheels.

1025.3/1025.4

Distinctive features

New interior. Plastic facing of improved design.

PTO drive with hydraulically-operates frictional clutch.

Front driving axle with planetary-spur gear groups.

Brakes operating in oil bath (1025.4).

Double-line pneumatic drive.

Equipment on order

- Air conditioner.
- Creeper.
- Kit for twinning of rear wheels;
- Dual-line pneumatic drive.
- Additional seat.
- Brakes operating in oil bath.(1024.3).

1025.5

Distinctive features

PTO drive – with hydraulically-controlled friction clutch.

Equipment on order

- Air conditioner.
- Creeper.
- Kit for twinning of rear wheels;
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).
- Additional seat.

1025.6

Equipment on order

- Air conditioner.
- Creeper.
- Kit for twinning of rear wheels;
- Rear wheel ballast weights.
- Compressor with valve (without pneumatic system).

1025.2



1025.2



1025.3

1025.4



1025.6



BELARUS 1025



SPECIFICATIONS

Model		1025.2	1025.3	1025.4	1025.5	1025.6
Engine						
Type		B'	C'	D'	E'	F'
Model		D-245S	D-245S2	D-245 S3A	D-245 S3B	D-245S4
Power	kW (h.p.)	79 (107)		81 (110)		
Crankshaft rated speed	rpm	2200				
Number of cylinders	pcs.	4				
Displacement	l	4,75				
Maximum torque	Nm	384		440		
Specific fuel consumption						
at operating power	g/kWh	237	249	235		237
Factor of torque backup	%	15			25	
Fuel tank capacity	l	135				
Transmission						
Clutch		dry, single-disk				
Gearbox		mechanical, synchromesh				
Number of gears: forward/reverse		16/8				
Travel speed: forward	km/h	2,3-35,2				
reverse		4,03-16,5				
Rear PTO:						
continuous I	rpm	540				
continuous II	rpm	1000				
ground-speed	rev/m of travel	3,5				
PTO control		hydromechanical				electrohydraulic
Hydraulic lift linkage						
Remote-cylinder with hydraulic hoist, providing draft, position, mixed and height control of agricultural implements.						
Lifting capacity at suspension point	kg	4200				
Maximum pressure	MPa	20				
Pump performance	l/min	56				
Hydraulic system capacity	l	28				
Dimensions and weight						
Overall length	mm	4206	4600			
Width	mm	1970				
Height to cabin top	mm	2820				
Tractor base	mm	2540	2540			
Track:	mm					
front wheels	mm	1540-2156				
rear wheels	mm	1500-2100				
Agrotechnical clearance	mm	645				
Least turning radius (without braking)	m	5,3				
Fordable depth	m	0,85				
Operating weight	kg	4480*	5175	5260	5335	5430
Tire sizes (standard):						
front wheels		360/70R24				
rear wheels		16,9R34				
Wheel arrangement		4x4				

*B — Diesel engine with direct fuel injection with turbocharged, *C and intercooler (**Stage II**)

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

* — without ballast.

BELARUS 1220

Tractors 1220 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

1220.3/1220.4

Distinctive features

- Rear axle with planetary final drives.
- PTO drive with hydraulically-operated frictional clutch. Double-disc coupling clutch; metal-ceramic pads of the coupling clutch.
- Extended-capacity fuel tank (255L.). Muffler at cabin post

Equipment on order

- Mechanical synchromesh gearbox (24/12)
- Electronic hydraulics.
- Air conditioner.
- Brakes operating in oil bath.
- Creeper.
- Rear wheel twinning kit.
- Additional seat.
- Compressor with valve (without pneumatic system);
- Double-line pneumatic drive for trailer brakes (1220.3);
- Single-line pneumatic drive for trailer brakes (1220.4).

1220.3
1220.4



1220.5

Distinctive features

- Front driving axle with planetary-spur gear groups.
- Rear axle with planetary final drives. PTO drive with hydraulically-operated frictional clutch. Double-disc coupling clutch; metal-ceramic pads of the coupling clutch.

Equipment on order

- Mechanical synchromesh gearbox (24/12).
- Air conditioner.
- Brakes operating in oil bath.
- Creeper.
- Rear wheel twinning kit.
- Compressor with valve (without pneumatic system).
- Additional seat.
- Electronic hydraulic system.

1220.5



1220.6

Distinctive features

- Front driving axle with planetary-spur gear groups.
- Rear axle with planetary final drives. PTO drive with hydraulically-operated frictional clutch. Double-disc coupling clutch; metal-ceramic pads of the coupling clutch.
- Brakes operating in oil bath.

Equipment on order

- Hydraulic drive of trailer brakes.

1220.6



BELARUS 1220



SPECIFICATIONS

Model		1220.3	1220.4	1220.5	1220.6
Engine					
Type		C*	D*	E*	F*
Model		D-245.2S2	D-245.2S3A	D-245.2S3B	D-245.2S4
Power	kW (h.p.)	90 (122)			
Crankshaft rated speed	rpm	2200			
Number of cylinders	pcs.	4			
Displacement	l	4,75			
Maximum torque	Nm	501			
Specific fuel consumption					
at operating power	g/kWh	234			
Factor of torque backup	%	25			
Fuel tank capacity	l	255		135	
Transmission					
Clutch		dry, two-disk			
Gearbox		mechanical, synchromesh			
Number of gears: forward/reverse		16/8			
Travel speed: forward	km/h	1,7-36,7			
reverse	km/h	3,1-17,2			
Rear PTO:					
continuous I	rpm	540			
continuous II	rpm	1000			
ground-speed	rev/m of travel	4,18			
PTO control		Electrohydraulic			
Hydraulic lift linkage					
Remote-cylinder with hydraulic hoist, providing draft, position, mixed and height control of agricultural implements.					
Lifting capacity at suspension point	kg	4200			
Maximum pressure	MPa	20			
Pump performance	l/min	56			
Hydraulic system capacity	l	28			
Dimensions and weight					
Overall length	mm	4600			
Width	mm	2250			
Height to cabin top	mm	2890			
Tractor base	mm	2600			
Track:	mm				
front wheels	mm	1535-2120			
rear wheels	mm	1540-2440			
Agrotechnical clearance	mm	630			
Least turning radius	m	5,0			
Fordable depth	m	0,85			
Operating weight	kg	5610	5675	5530	5585
Tire sizes (standard):					
front wheels		360/70R24			
rear wheels		18,4R38			

*C — Diesel engine with direct fuel injection with turbocharged and intercooler. **Stage II.**

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

BELARUS 1221 and 1222

Tractors 1221 are intended for various agricultural operations with mounted, semi-mounted and trailed machines and implements, for hauling operations.

1221T.2

Distinctive features

- Sun-protective canopy frame.
- PTO drive - with hydraulically-controlled friction clutch.

Equipment on order

- Mechanical creeper.
- Hitch hoses (2 pcs.)
- Right-side cabin footstep.

1221.2/1221V.2

Distinctive features

- PTO drive - with hydraulically-controlled friction clutch.

Equipment on order

- Mechanical, fixed-ratio, synchromesh (24/12) gearbox.
- Mechanical creeper.
- Diesel engine meets the environmental requirements of **Stage I**, reversible control post (1221V.2).
- Hitch hoses (2 pcs.)
- Right-side cabin footstep.
- Front PTO.
- Front lift linkage.
- Additional fuel tank.

1221.3/1221.4

Distinctive features

- PTO drive - with hydraulically-controlled friction clutch.

Equipment on order

- Mechanical, fixed-ratio, synchromesh (24/12) gearbox.
- Mechanical creeper.
- Air conditioner.
- Right-side cabin footstep.
- Front PTO.
- Front lift linkage.

1221.5/1221.6

Distinctive features

- PTO drive - with hydraulically-controlled friction clutch.

Equipment on order

- Mechanical, fixed-ratio (24/12) gearbox.
- Air conditioner.
- Front PTO.
- Front lift linkage.

1221.5/1221.6

Distinctive features

- Full-profile cabin with cylindrical glasses.

Equipment on order

- Synchronized gearbox, fixed-ratio, (24/12).
- Mechanical creeper.
- Air conditioner.
- Right-side cabin footstep.
- Front PTO.
- Front lift linkage.

1221T.2

1221B.2
1221.21221.3
1221.41221.5
1221.6

1222.3



BELARUS 1221 and 1222



SPECIFICATIONS

Model		1221.2	1221.3	1221.4	1221.5	1221.6	1222.3
Engine		1221T1.2					
Type		B*	C*	D*	E*	F*	B*
Model		D-260.2S	D-260.2S2	D-260.2S3A	D-260.2S3B	D-260.2S4	D-260.2S2
Power	kW (h.p.)	96 (130)	97 (132)		100 (136)		
Crankshaft rated speed	rpm	2100					
Number of cylinders	pcs.	6					
Displacement	l	7,12					
Maximum torque	Nm	500	568	570			
Specific fuel consumption							
at operating power	g/kWh	227	250	244	220		244
Factor of torque backup	%	15	25				
Fuel tank capacity	l	135				250	
Transmission							
Clutch		dry, two-disk					
Gearbox		mechanical, synchromesh					
Number of gears: forward/reverse		16/8					
Travel speed: forward	km/h	1,5-35,0				2,02-37,78	
reverse		2,75-16,4				2,78-18,57	
Rear PTO:							
continuous I	rpm	540					
continuous II	rpm	1000					
ground-speed	rev/m of travel	4,87				3,3	
PTO control		electrohydraulic					Hydro-mechanical
Hydraulic lift linkage							
		Versatile, remote-cylinder with hydraulic hoist, providing draft, position and mixed control of soil cultivation depth. (1221.2/ 1221T.2/ 1221.3/ 1221.4/ 1221.5/ 1221.6)					
		Electrohydraulic system for automatic control of soil cultivation depth, with draft, positional, mixed control modes. (1222.3)					
Lifting capacity at suspension point	kg	4300				6500	
Maximum pressure	MPa	20					
Pump performance	l/min	51				55	
Hydraulic system capacity	l	28				35	
Dimensions and weight							
Overall length	mm	4500				4600	
Width	mm	2300				2250	
Height to cabin top	mm	2850				3000	
Tractor base	mm	2760					
Track:	mm						
front wheels	mm	1540-2090 (step-by-step)				1540-2115	
rear wheels	mm	1530-2150				1520-2435	
Agrotechnical clearance	mm	620					
Least turning radius	m	5,4					
Fordable depth	m	0,85					
Operating weight	kg	5570	5730	5870	5900	6000	
Tire sizes (standard):		5100 (1221T1.2)					
front wheels		420/70R24					
rear wheels		18,4R38					
Wheel arrangement		4x4					

*B — Diesel engine with direct fuel injection with turbocharged, *C and intercooler (**Stage II**)

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

BELARUS 1220.4



GENERAL-PURPOSE TRACTORS

1500 series

1800 series

2000 series

3000 series

3500 series



BELARUS 1523

Tractors 1523 are intended for various general-purpose agricultural operations, for primary and pre-sowing tillage, for sowing as part of wide-range and combined units, for harvesting operations as part of high-performance harvesting complexes, and for hauling operations.

1523/1523.3

Distinctive features

- Reversible control post (1523V).
- Electrohydraulic lift linkage.

Equipment on order

- Front PTO.
- Front lift linkage.
- Mechanical fixed-ratio gearbox (24/12).
- Air conditioner.
- Front ballast weight up to 1025 kg.
- Additional seat.
- Rear wheel twinning kit.

1523.4/1523.5

Distinctive features

- Electrohydraulic lift linkage.

Equipment on order

- Front PTO.
- Front lift linkage.
- Synchronized gearbox, fixed-ratio (24/12).
- Gearbox 16/8, gear shifting within one range without power flow interruption.
- Air conditioner.
- Front ballast weight up to 1025 kg.
- Additional seat.
- Rear wheel twinning kit.

1523.6

Distinctive features

- Electrohydraulic lift linkage.

Equipment on order

- Front PTO.
- Front lift linkage.
- Synchronized gearbox, fixed-ratio (24/12) or hydromechanical (16/8).
- Gearbox 16/8, gear shifting within one range without power flow interruption.
- Air conditioner.
- Front ballast weight up to 1025 kg.
- Additional seat.
- Rear wheel twinning kit.

1523T1/1523T1.3

Distinctive features

- Tropical configuration.
- Electrohydraulic lift linkage.

Equipment on order

- Front PTO.
- Front lift linkage.
- Mechanical fixed-ratio gearbox (24/12).
- Air conditioner.
- Front ballast weight up to 1025 kg.
- Additional seat.
- Rear wheel twinning kit.
- Reversible control post.

1523.3
1523



1523.4
1523.5



1523.6



1523T1.3
1523T1



BELARUS 1523



SPECIFICATIONS

Model		1523	1523.3	1523T1	1523.4	1523.5	1523.6
Engine							
Type		B*	C*	B*/C*	D*	E*	F*
Model		D-260.1	D-260.1S2	D-260.1/S2	D-260.1S3A	D-260.1S3B	D-260.1S4
Power	kW (h.p.)	109 (148)	111 (150)	109 (148)	111 (150)	112,4 (153)	
Crankshaft rated speed	rpm	2100					
Number of cylinders	pcs.	6					
Displacement	l	7,12					
Maximum torque	Nm	622	659	622/659	660		
Transmission							
Clutch		dry, two-disk					
Control with hydraulic booster		mechanical, synchromesh			mechanical, synchronized		
Gearbox		hydromechanical					
Number of gears: forward/reverse		16/8					
Travel speed: forward	km/h	1,73-32,38					
reverse		2,72-15,52					
Rear PTO:							
continuous I	rpm	540					
continuous II	rpm	1000					
ground-speed	rev/m of travel	3,8					
Hydraulic lift linkage							
Electrohydraulic system of automatic soil cultivation depth control, providing draft, position and mixed modes of control.							
Lifting capacity at suspension point	kg	6500					
Maximum pressure	MPa	20					
Pump performance	l/min	55					
Hydraulic system capacity	l	35					
Dimensions and weight							
Overall length	mm	4710					5170
Width (between rear wheel axle shaft ends)	mm	2250					
Height (to cabin top)	mm	3000					
Tractor base	mm	2760					
Track:							
front wheels	mm	1540-2115	1800-2120	1540-2115	1800-2115		
rear wheels	mm	1520-2435	1800-2435	1520-2435	1800-2435		
Agrotechnical clearance	mm	620					
Least turning radius	m	5,5					
Fordable depth	m	0,85					
Operating weight	kg	6250	6330	6250	6500	6780	
Tire sizes (standard):							
front wheels		420/70R24					
rear wheels		520/70R38					
Wheel arrangement		4x4					

*B — Diesel engine with direct fuel injection with turbocharged, *C and intercooler (**Stage II**)

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

BELARUS 1822.3

Tractor 1822.3 is intended for various general-purpose agricultural operations, for primary and pre-sowing tillage, for sowing as part of wide-range and combined units, for harvesting operations as part of high-performance harvesting complexes, and for hauling operations.

Distinctive features

Engine model 260.9S2 with power of 132 (180) kW (h. p.), meets the environmental requirements of Stage II. Synchronmesh gearbox 24/12 gears. Electrohydraulic lift linkage.

Equipment on order

- Rear wheel twinning kit.
- Additional seat.
- Front ballast weight.

Engine

Type	C*
Model	D-260.9S2
Rated power, kW (h.p.)	132 (180)
Crankshaft rated speed, rpm	2100
Number of cylinders	6
Displacement	7,12
Maximum torque, Nm	759
Specific fuel consumption at rated power, g/kW·h	249
Factor of torque backup, %	30
Fuel tank capacity, l	370

Transmission

Clutch	dry, two-disk
Control with hydraulic booster	
Gearbox	mechanical, synchronmesh
Number of gears: forward/reverse	24/12
Travel speed, km/h:	
forward/reverse	1,79-38,3/2,5-17,7
Rear PTO:	continuous, two-speed, with hydromechanical control system
continuous I, rpm	540
continuous II, rpm	1000

*C - Diesel engine with direct fuel injection, turbocharged with intercooler.

Differential lock is mechanical – the cam clutch that locks final drive axle shafts, is engaged forcedly and disengages automatically.

Main parameters and dimensions

Overall length, mm	5230
Width, mm	2450
Height (to cabin top), mm	3120
Tractor base, mm	2920
Track:	
front wheels	1620-2205
rear wheels	1800-2500
Agrotechnical clearance, mm	530
Least turning radius, m	5,8
Fordable depth, m	0,85
Operating weight, kg	6800
Tire sizes (standard):	
front wheels	420/70R24
rear wheels	580/70R42

Hydraulic lift linkage

Remote-cylinder, with electrohydraulic system of automatic soil cultivation depth control, providing draft, position and mixed modes of control.

Lifting capacity at suspension point, kg	6500
Maximum pressure, MPa	20
Pump performance, l/min	55
Hydraulic system capacity, l	35



BELARUS 1822.3

1800-я серия



BELARUS 2022

Tractors 2022 are intended for various general-purpose agricultural operations, for primary and pre-sowing tillage, for sowing as part of wide-range and combined units, for harvesting operations as part of high-performance harvesting complexes, and for hauling operations.

2022.3/2022V.3

Distinctive features

Air conditioner, kit for wheel twinning, electrohydraulic lift linkage.

Equipment on order

- Front PTO.
- Front lift linkage.
- Reversible control post (2022.V3).
- Front ballast weight up to 1010 kg.
- Additional seat.

2022V.3-17/32

Distinctive features

The tractor is used with machines driven by PTO shaft at low process-oriented speeds in a traction- drive mode, namely: destruction of hardy-shrub greenery in railroad and power line precincts, etc.; lump coal extraction; road repair works.

Reversible control post, air conditioner, kit for rear wheel twinning.

Electrohydraulic lift linkage.

Equipment on order

- Low process-oriented speeds.
- Additional seat.
- Additional front ballast weight of 1010 kg.

2022.4/2022.5

Distinctive features

Air conditioner, rear wheel twinning kit.

Electrohydraulic lift linkage.

Equipment on order

- Front PTO (with engine by Minsk Motor Plant).
- Front lift linkage.
- Additional seat.
- Front ballast weight up to 1010 kg.

2022.6

Distinctive features

Air conditioner, kit for rear wheel twinning.

Electrohydraulic lift linkage.

Equipment on order

- Front PTO.
- Front lift linkage.
- Additional seat.
- Front ballast weight up to 1010 kg.

2022B.3
2022B.3-17/32
2022.3



2022B.3
2022.3



BELARUS 2022



SPECIFICATIONS

Model		2022.3	2022V.3-17/32	2022.4	2022.5	2022.6
Engine						
Type		C*		D*	E*	F*
Model		D-260.4S2		D-260.4S3A	D-260.4S3B	D-260.4S4
Power	kW (h.p.)	156 (212)			148 (201)	
Crankshaft rated speed	rpm	2100				
Number of cylinders	pcs.	6				
Displacement	l	7,12				
Maximum torque	Nm	900		923	920	
Specific fuel consumption						
at operating power	g/kWh	227		249	224	
Factor of torque backup	%	30				
Fuel tank capacity	l	370			300	
Transmission						
Clutch		dry, two-disk				
Gearbox		mechanical, synchromesh				
Number of gears: forward/reverse						
Travel speed: forward	km/h	1,86-39,7	1,1-24,33	1,86-39,7		
reverse		2,6-18,4	1,6-11,27	2,6-18,4		
Rear PTO:		continuous, four-speed				
		with hydromechanical control system				
continuous I	rpm	540				
continuous II	rpm	1000				
continuous III	rpm	750				
Hydraulic lift linkage						
		Remote-cylinder, with electrohydraulic system of automatic soil cultivation depth control, providing draft, position and mixed modes of				
Lifting capacity at suspension point	kg	6500				
Maximum pressure	MPa	20				
Pump performance	l/min	55				
Hydraulic system capacity	l	35				
Dimensions and weight						
Overall length	mm	5230				
Width (between rear wheel axle shaft ends)	mm	2400				
Height (to cabin top)	mm	3120				
Tractor base	mm	2920				
Track:						
front wheels	mm	1640-2190 (8 values)				
rear wheels	mm	1800-2500				
Agrotechnical clearance	mm	540				
Least turning radius	m	5,8				
Operating weight	kg	7220	7620	7220	7400	
Tire sizes (standard):						
front wheels		420/70R24				
rear wheels		580/70R42				

*C — Diesel engine with direct fuel injection with turbocharged and intercooler. **Stage II.**

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*E — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (SCR). **Stage IIIb.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

BELARUS 2122.3



The tractor is intended for power-consuming agricultural operations in traction and traction-and-drive modes as part of wide-range and combined units, including echelon linkage, for hauling operations.

Distinctive features

Tractor of traction class 4, FLL and FPTO come in tractor main configuration, fuel tank of higher capacity, hydraulics with variable-displacement pump, four-section distributor with EHS system, hydromechanical gearbox, side control console with Complex electronic control system.

Engine

Type	C*
Model	D-260.4S2
Rated power, kW (h.p.)	156 (212)
Crankshaft rated speed, rpm	2100
Number of cylinders	6
Displacement	7,12
Maximum torque, Nm	923
Specific fuel consumption at operating power, g/kWh	249
Factor of torque backup, %	30
Fuel tank capacity, l	420

Transmission

Clutch	dry, two-disk
Clutch control	hydrostatic with hydraulic booster
Gearbox	hydromechanical with friction clutches
Number of gears: forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2,8-39,5/4-18,6
Rear PTO:	
continuous I, rpm	540
continuous II, rpm	1000
PTO control	electrohydraulic
Differential lock	electrohydraulic

*C — Diesel engine with direct fuel injection with turbocharged and intercooler. **Stage II.**

Main parameters and dimensions

Overall length (with ballast weights of FLL), mm	6040
Width, mm	2460
Height (to cabin top), mm	3170
Tractor base, mm	2980
Track, mm:	
front wheels	1815 and 2020
rear wheels	1800-2000 and 2240-2500
Agrotechnical clearance, mm	450
Least turning radius, m	5,3
Fordable depth, m	0,8
Operating weight, kg	8370
Tire sizes (standard):	
front wheels	480/65R24
rear wheels	580/70R42

Hydraulic lift linkage

Load sensitive on the base of variable-displacement pump with four-section electrohydraulic distributor (EHS-1).

Maximum lifting capacity at suspension point, kg	
rear linkage	6500
front linkage	4800
Maximum pressure, MPa	20
Pump performance, l/min	0-86
Hydraulic system capacity, l	80

BELARUS 2122.4/2122.6

The tractor is intended for power-consuming agricultural operations in traction and traction-and-drive modes as part of wide-range and combined units, including echelon linkage, for hauling operations.

Distinctive features

Tractor of traction class 4, FLL and FPTO, air conditioner, kit for twinning of wheels come in tractor main configuration. Fuel tank of higher capacity, hydraulics with variable-displacement pump, four-section distributor with EHS system, hydromechanical gearbox, side control console with Complex electronic control system.



Engine

	2122.4	2122.6
Type	D*	F*
Model	D-260.4S3A	D-260.4S4
Rated power, kW (h.p.)	150 (204)	
Crankshaft rated speed, rpm	2100	
Number of cylinders	6	
Displacement	7,12	
Maximum torque, Nm	923	
Specific fuel consumption at operating power, g/kWh	249	224
Factor of torque backup, %	30	
Fuel tank capacity, l	420	

Transmission

Clutch	dry, two-disk
Clutch control	hydrostatic with hydraulic booster
Gearbox	hydromechanical with friction clutches
Number of gears: forward/reverse	16/8
Travel speed, km/h:	
forward/reverse	2,8-39,5/4-18,6
Rear PTO:	
continuous I, rpm	540
continuous II, rpm	1000
PTO control	electrohydraulic
Differential lock	electrohydraulic

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

*F — Diesel engine with CommonRail fuel injection system, with turbocharge, intercooler and catalytic reduction system (DOC+SCR). **Stage IV.**

Meets the requirements of Regulation (EU) 167/2013.

Main parameters and dimensions

Overall length (with ballast weights of FLL), mm	6040
Width, mm	2460
Height (to cabin top), mm	3170
Tractor base, mm	2980
Track, mm:	
front wheels	1815 and 2020
rear wheels	1800-2000 and 2240-2500
Agrotechnical clearance, mm	450
Least turning radius, m	5,3
Fordable depth, m	0,8
Operating weight, kg	8370
Tire sizes (standard):	
front wheels	400/65R24
rear wheels	580/70R42

Hydraulic lift linkage

Load sensitive on the base of variable-displacement pump with four-section electrohydraulic distributor (EHS-1).

Maximum lifting capacity at suspension point, kg	
rear linkage	6500
front linkage	4800
Maximum pressure, Mpa	20
Pump performance, l/min	0-86
Hydraulic system capacity, l	80

BELARUS 3022.DZ1/3022.V



Tractors of model 3022 are intended for power-consuming agricultural operations in traction and traction-and-drive modes as part of wide-range and combined units, including echelon linkage, during primary and pre-sowing tillage, during seeding of grains and other crops, harvesting feeds, harvesting root crops, grains and technical crops; for hauling work, stationary work, in construction and industry.

Distinctive features

Hydraulic lift linkage with electro-driven distributor EHS and EHR-5 of front lift linkage control, front power takeoff shaft (PTO), rear wheel twinning kit, air conditioner, creeper, reversible control post in tractor standard configuration.

Engine

	3022.DZ.1	3022.V
Type	C*	C*
Model	BF06M1013FC	D-262S2
	(DEUTZ)	
Rated power, kW (h.p.)	223 (303)	220 (300)
Crankshaft rated speed, rpm	2300	2100
Number of cylinders	6	
Displacement, l	7,146	7,98
Maximum torque, Nm	1300	1320
Specific fuel consumption at operating power, g/kWh	248	
Factor of torque backup, %	30	25
Fuel tank capacity, l	500	

Transmission

Clutch	dry, two-disk	
Gearbox	hydromechanical, fixed-ratio	
Shifting between gears	Electrohydraulic	
Number of gears: forward/reverse	36/24 with creeper	
Travel speed, km/h:		
forward	0,37-40,0	0,38-40,0
reverse	0,43-19,39	0,41-20,1
Rear PTO:	dry, two-disk	
	hydromechanical, fixed-ratio	
	Electrohydraulic	
continuous I, rpm	1000	
continuous II, rpm	1450	
maximum power, kW	182,2	
Front PTO, rpm	1000	
maximum power, kW	60	

*C — Diesel engine with direct fuel injection with turbocharged and intercooler. **Stage II.**

Main parameters and dimensions

	3022.DZ.1	3022.V
Overall length (with ballast weights of FLL), mm	6100	6400
Width, mm	2630	2480
Height (to cabin top), mm	3150	
Tractor base, mm	3010	3960
Track, mm:		
front wheels	1830 and 1950	1830, 1970
rear wheels	1795-2135 and 2240-2500	1890-2150, 2306-2566
Agrotechnical clearance, mm	500	
Least turning radius, m	5,5	
Operating weight, kg	11500	
Tire sizes (standard):		
front wheels	540/65R30	
rear wheels	580/70R42	

Hydraulic lift linkage

Versatile hydraulic system for controlling working elements of agricultural implements with a variable-displacement pump, an electronically controlled distributor providing ability to program on/off sequences of sections, flow rates and operating times by reading signals from two sensors. With draft, position and mixed modes of soil cultivation depth control, 4 pairs of independent outlets.

Maximum lifting capacity at suspension point, kg	
rear linkage	10000
front linkage	5000
Maximum pressure, MPa	20
Pump performance, l/min	0-120
Hydraulic system capacity, l	100

BELARUS 3022

3000 SERIES



BELARUS 3522



The tractor is intended for power-consuming agricultural operations in traction and traction-and-drive modes as part of wide-range and combined units, including echelon linkage, during primary and pre-sowing tillage, during seeding of grains and other crops, harvesting feeds, harvesting root crops, grains and technical crops; for hauling work, stationary work, in construction and industry.

Distinctive features

Hydraulic lift linkage with electro-driven distributor EHS and EHR-5, rear wheel twinning kit, creeper, air conditioner, front lift linkage (FLL), front power takeoff shaft (PTO) in tractor standard configuration.

Equipment on order

Front weights up to 1350 kg.
Front wheel twinning kit.

Engine

Type	D*	D*
Model	Caterpillar C9	Cummins
	C9CPXL08.8ESK	QSL8.9-C360-III
Rated power, kW (h.p.)	268 (364)	264 (359)
Crankshaft rated speed, rpm	2100	
Number of cylinders	6	
Displacement, l	8,8	8,9
Maximum torque, Nm	1694	1500
Specific fuel consumption		
at operating power, g/kWh	243	229
Factor of torque backup, %	39	25
Fuel tank capacity, l	650	

Transmission

Clutch	dry, two-disk
Gearbox	hydromechanical with friction clutches
Shifting between gears	electrohydraulic
Number of gears: forward/reverse	30/12 with creeper
Travel speed, km/h:	
forward	0,34-40
reverse	0,43-20,8
Rear PTO:	continuous, two-speed, with hydromechanical control system
continuous I, rpm	1000
continuous II, rpm	1450
Max. power on front PTO, kW (h.p.)	58 (79)
Max. power on rear PTO, kW (h.p.)	219 (298)
PTO control	hydraulic
Differential lock	hydraulic

Main parameters and dimensions

Overall length (with ballast weights of FLL), mm	6500
Width, mm	2740
Height (to cabin top), mm	3350
Tractor base, mm	3000
Track, mm:	
front wheels	2000 and 2150
rear wheels	2130-2220 2316-2636
Agrotechnical clearance, mm	450
Least turning radius, m	6,5
Operating weight, kg	12300
Tire sizes (standard):	
front wheels	600/65R34
rear wheels	710/70R42

Hydraulic lift linkage

Versatile hydraulic system for controlling working elements of agricultural implements with a variable-displacement pump, an electronically controlled distributor providing ability to program on/off sequences of sections, flow rates and operating times by reading signals from two sensors. With draft, position and mixed modes of soil cultivation depth control, 4 pairs of independent outlets.

Maximum lifting capacity	
at suspension point, kg	
rear linkage	10000
front linkage	5000
Maximum pressure, MPa	20
Pump performance, l/min	0-160
Hydraulic system capacity, l	100

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

BELARUS 3525

3525 tractors are intended for power-consuming agricultural operations in traction and traction-and-drive modes as part of wide-range and combined units, including echelon linkage, during primary and pre-sowing tillage, during seeding of grains and other crops, harvesting feeds, harvesting root crops, grains and technical crops; for hauling work, stationary work, in construction and industry.

Distinctive features

A new hydromechanical gearbox with electro-hydraulic control is installed, which allows shifting gears without interruption of power flow, which provides increased productivity and more comfortable working conditions for operator.



Engine

Type	D*	D*
Model	Caterpillar	Cummins
	C9CPXL08.8ESK	QSL8.9-C360-III
Rated power, kW (h.p.)	268 (364)	264 (359)
Crankshaft rated speed, rpm	2100	
Number of cylinders	6	
Displacement, l	8,8	8,9
Maximum torque, Nm	1694	1500
Specific fuel consumption		
at operating power, g/kWh	243	229
Factor of torque backup, %	39	25
Fuel tank capacity, l	650	

Transmission

Clutch	dry, two-disk
Gearbox	hydromechanical with friction clutches
Shifting between gears	electrohydraulic
Number of gears: forward/reverse	30/12 with creeper
Travel speed, km/h:	
forward	0,34-40
reverse	0,43-20,8
Rear PTO:	continuous, two-speed, with hydromechanical control system
continuous I, rpm	1000
continuous II, rpm	1450
Max. power on front PTO, kW (h.p.)	58 (79)
Max. power on rear PTO, kW (h.p.)	219 (298)
PTO control	hydraulic
Differential lock	hydraulic

Main parameters and dimensions

Overall length (with ballast weights of FLL), mm	6100
Width, mm	2520
Height (to cabin top), mm	3350
Tractor base, mm	3000
Track, mm:	
front wheels	2000 and 2150
rear wheels	2130-2220 and 2480-2660
Agrotechnical clearance, mm	450
Least turning radius, m	6,5
Operating weight, kg	12500
Tire sizes (standard):	
front wheels	600/65R34
rear wheels	710/70R42

Hydraulic lift linkage

Versatile, with electrohydraulic 4-section distributor, controlled with joystick.

Maximum lifting capacity	
at suspension point, kg	
rear linkage	10000
front linkage	5000
Maximum pressure, Mpa	20
Pump performance, l/min	0-160
Hydraulic system capacity, l	100

*D — Diesel engine with CommonRail or Mercer fuel injection system, with turbocharge and intercooler. **Stage IIIa.**

Our mission

Being customer-oriented, developing our staff and partners, providing optimal solutions for efficient growth.

Supplying products for various business fields to our customers in a timely manner and on beneficial terms, while offering opportunities and guaranteeing maximal work performance

Our aim

Providing the technical level and quality of manufactured products taking into account the requirements and expectations of customers.

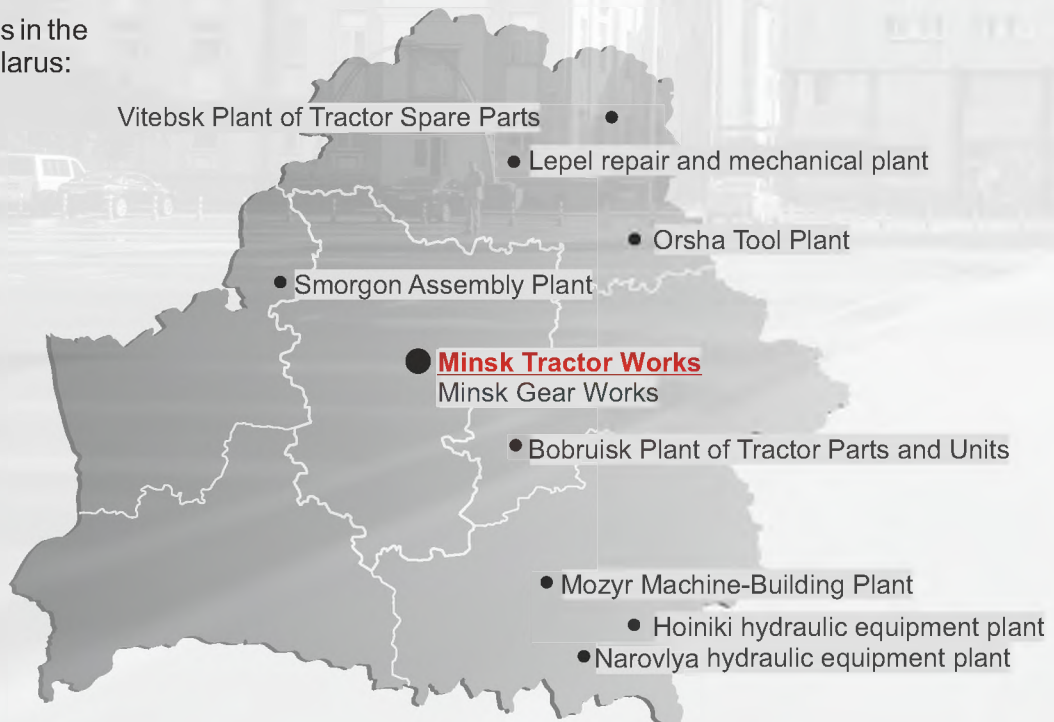
The holding managing company, "**Minsk Tractor Works**", was founded in 1946. BELARUS is the most popular brand in CIS countries, and one of the most well-known in the world.

We manufacture:

- Over **300** tractor models and options for all climatic and operation conditions;
- Power tillers and small tractors;
- Compact tractors;
- Universal row-crop tractors with the capacity of 50 to 130 hp;
- General-purpose tractors with the capacity of 150 to 355 hp;
- Crawler tractors;
- Tractor implements for loading-unloading operations;
- Ploughs;
- Special-purpose vehicles:
 - universal chassis and equipment used with chassis;
 - vehicles for municipal use;
 - forestry vehicles;
 - mining vehicles;
 - ice resurfacers;
 - snow-grooming vehicles;
- Tools;
- Spare parts.

The tractors combine time-tested solutions and modern technology. All tractors and machines are marked by reliability and comfort, high productivity, simplicity of operation and maintenance.

Our enterprises in the Republic of Belarus:



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