

Models

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Simplicity and availability

This tractor is the simplest model in own-produced machinery range. Nevertheless, its technical capabilities, comfortable handling and configuration allow performing any kind of agricultural works. The available 2WD and 4WD modifications allow choosing tractor for necessary purposes and different conditions.

Model	Belarus - 311	Belarus - 311M
Engine		
Engine type	Laidong 3T30	MMZ-3LD
Number of cylinders	3-cylinders-TD	3-cylinders-TD
Rated power, kW (h.p.)	24,3 (33,0)	26 (35,4)
Engine capacity, dm ³	1,617	1,600
Rated speed, rpm	3000	
Torque, Nm	100	94
Transmission		
Gearbox	mechanical, step-by-step	
Number of gears: forward / reverse	8/4	
Speed, km/h: forward / reverse	3,1-25,2 / 5,5-13,3	
Clutch	single-disk, friction-type, constantly-closed	
Drive (optional)	4WD or 2WD	
Differential	locking, rear	
Brakes		
Type	disks, wet, mechanical (separate control)	
Power take-off (PTO)		
Type	dependent	
Speed, rpm	540	
Hydraulic system		
Pump efficiency, dm ³ /min	17	
Lifting capacity, kg	870	
Weight and dimensions		
Length/width/height (safety bar included), mm	3050/1300/2280	
Wheelbase, mm	1660	
Tread, mm		
- front wheels	1000, 1200, 1350	
- rear wheels	1000, 1160	
Ground clearance, mm	320	
Least turning radius, m	3,6 (2,7)	
Operating weight, kg	1500	
Tires (basic set)		
4WD: front / rear	7.50-16 / 12.4L-16	
2WD: front / rear	6.50-16 / 12.4L-16	
Additional information		
Fuel tank capacity, dm ³	25	
Basic set		
battery (12V); parking hand brake; steering wheel with an adjustable angle; power steering; rear PTO 8/21 and 6/21 splines; rear hitch (3-point, 1 hydrocylinder, locking chain); 2-sectional hydraulic spreader; hydraulic outlets (2 pcs. on the rear side); socket (on the rear side); emergency lights; frontal and rear working lights (2 pcs. front, 2 pcs. rear); turning lamps (2 pcs.); horn; license plate backlight; hand acceleration; adjustable seat; footboard; safety bar; rear view mirror; hand acceleration; dashboard backlight; wheels hanging nuts (4); spare parts package		
Optional		
drawbar (2 types); towing fork; crossbar; front hitch with front PTO; front weights (20 kg x 8pcs); rear weights; plastic roof; front wheels 210/80R16 and rear wheels 11.2-20 (4WD); gearbox 16/8; lawn tires		

model:

BELARUS - 311
BELARUS-311M



- Power steering for easier control
- Comfortable adjustable seat (several types)
- Excellent running properties
- Available Two-wheel Drive modification

BELARUS - 321

BELARUS- 321M



Eco-friendliness and maneuverability

This compact model, equipped with reliable Italian Lombardini engine which special features are low-pollution emissions (Euro 3A standards) and high performance with low operating expenses. Compact size and small turning radius in combination with environment-friendly engine make this tractor a professional tool for work in greenhouses, breeding farms, orchards and industrial facilities.

Model	Belarus - 321	Belarus - 321M
Engine		
Engine type	Lombardini LDW1603/B3	MMZ-3LD
Number of cylinders	3-cylinders-TD	3-cylinders-TD
Rated power, kW (h.p.)	26,5 (36,0)	26 (35,4)
Engine capacity, dm ³	1,649	1,600
Rated speed, rpm	3000	
Torque, Nm	92	94
Emission standard	Euro-3A	
Transmission		
Gearbox	mechanical, step-by-step	
Number of gears: forward / reverse	16/8	
Speed, km/h: forward / reverse	1,0-25,2 / 1,8-13,3	
Clutch	single-disk, friction-type, constantly-closed	
Differential	locking, rear	
Drive	4WD	
Brakes		
Type	disks, wet, mechanical (separate control)	
Power take-off (PTO)		
Type	dependent and synchronous	
Speed, rpm	540/1000	
Hydraulic system		
Pump efficiency, dm ³ /min	17	
Lifting capacity, kg	1100	
Weight and dimensions		
Length/width/height (safety bar included), mm	3050/1550/2300	
Wheelbase, mm	1690	
Tread, mm		
- front wheels	1260, 1410	
- rear wheels	1250, 1400	
Ground clearance, mm	345	
Least turning radius, m	3.7 (2.8)	
Operating weight, kg	1890	
Tires		
Front / rear	210/80R16 / 11.2-20	
Additional information		
Fuel tank capacity, dm ³	25	
Basic set		
battery (12V, 88Ah); rear PTO (2-speed, synchronized, 8/21 and 6/21 splines); rear hitch (3-point, 2 hydrocylinders, locking chain); hydraulic outlets (4 pcs. front, 2 pcs. rear); 3-sectional hydraulic spreader; socket (on the rear side); frontal and rear working lights (2 pcs. front, 2 pcs. rear); turning lamps (4 pcs.); emergency lights; license plate backlight; safety bar; horn; dashboard backlight; steering wheel with an adjustable angle; power steering; adjustable seat; parking hand brake; hand acceleration; rear view mirrors (2); footboards (2); front wheel wings (2); wheels hanging nuts (4); spare parts package		
Optional		
drawbar (2 types); towing fork; crossbar; front hitch with front PTO; front weights (20 kg x 8pcs); rear weights; plastic roof; signal beacon; front wheels 210/80R16 and rear wheels 11.2-20; lawn tires		

model:
BELARUS - 321
BELARUS- 321M



- Informative dashboard with backlight
- Low fuel consumption (from 1.6 l. per hour)
- Comfortable three-sectional hydraulic system controller
- Compact sizes

BELARUS - 320.4

BELARUS- 320.4M



Versatility and efficiency

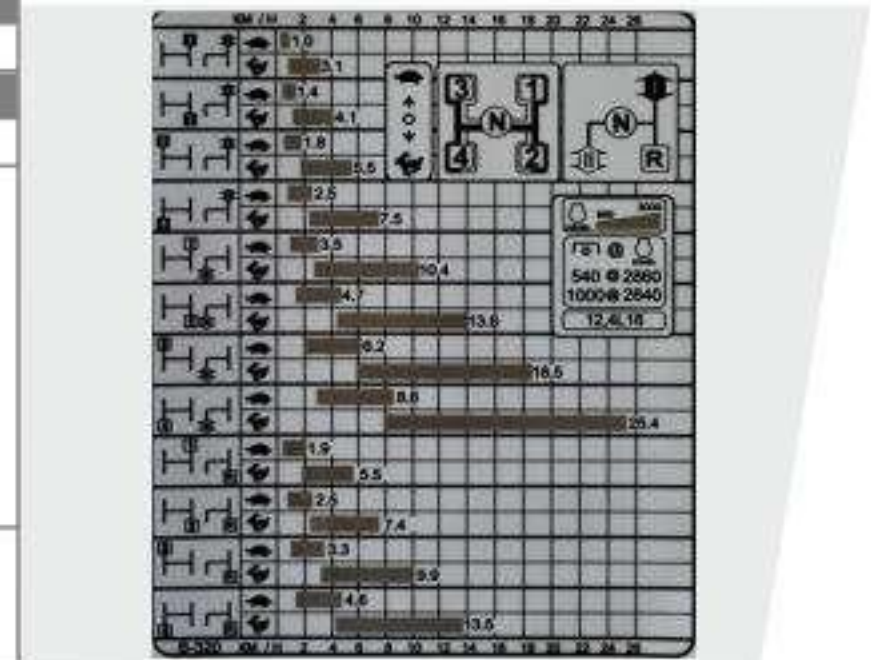
Due to a set of technical features and wide variety of agricultural and municipal equipment, this universal model performs effective works over up to 20 ha. area. This tractor reveals its potential in municipal sphere as well. Compact size and small weight allow maneuvering between urban vehicles, without damaging of any type of roads or sidewalks.



Model	Belarus – 320.4	Belarus – 320.4M
Engine		
Engine type	Lombardini LDW1603/B3	MMZ-3LD
Number of cylinders	3-cylinders-TD	3-cylinders-TD
Rated power, kW (h.p.)	26.5 (36.0)	26 (35.4)
Engine capacity, dm ³	1,649	1,600
Rated speed, rpm		3000
Torque, Nm	92	94
Emission standard	Euro-3A	
Transmission		
Gearbox	mechanical, step-by-step	
Number of gears: forward / reverse	16/8	
Speed, km/h: forward / reverse	1,0-25,2 / 1,8-13,3	
Clutch	single-disk, friction-type, constantly-closed	
Drive	4WD	
Differential	locking, rear	
Brakes		
Type	disks, wet, mechanical (separate control)	
Power take-off (PTO)		
Type	dependent and synchronous	
Speed, rpm	540/1000	
Hydraulic system		
Pump efficiency, dm ³ /min	17	
Lifting capacity, kg	1100	
Weight and dimensions		
Length/width/height (safety bar included), mm	3050/1550/2150	
Wheelbase, mm	1690	
Tread, mm		
- front wheels	1260, 1410	
- rear wheels	1250, 1400	
Ground clearance, mm	320	
Least turning radius, m	3,7 (2,8)	
Operating weight, kg	1770	
Operating weight, kg		
Front / rear	7.50-16 / 12.4L-16	
Additional Information		
Fuel tank capacity, dm ³	32	
Basic set		
battery (12V, 88Ah); rear PTO (2-speed, synchronized, 8/21 and 6/21 splines); rear hitch (3-point, 2 hydrocylinders, locking chain); hydraulic outlets (2 pcs. front, 2 pcs. rear); 3-sectional hydraulic spreader; socket (on the rear side); frontal and rear working lights (2 pcs. front, 2 pcs. rear); turning lamps (4 pcs.); emergency lights; license plate backlight; cabin (heater, ventilation system, opening roof and back/rear windows; electric front and rear wipers, front window washer); horn; dashboard backlight; steering wheel with an adjustable angle; power steering; adjustable seat; parking hand brake; hand acceleration; rear view mirrors (2); footboard; front wheel wings (2); wheels hanging nuts (4); spare parts package		
Optional		
drawbar (2 types); crossbar; towing fork; front hitch with front PTO; front weights (20 kg x 8pcs); rear weights; pneumatic system; signal beacon; front wheels 210/80R16 and rear wheels 11.2-20; lawn tires; air conditioner		

model:

BELARUS – 320.4
BELARUS- 320.4M



- Comfortable cabin with heater and adjustable seat
- Alternative Belarusian engine MMZ-3LD
- Wide range of gears
- Simple access to the tractor units for any repair works and maintenance

BELARUS - 320.5

BELARUS- 320.5M



Comfort and functionality

Universal model with increased comfort level. Panoramic cabin provides driver with a wide overview, ergonomic dashboard is highly convenient and informative at daylight or after dark, additional front and rear lights give an excellent illumination at night or in case of low visibility caused by fog or dust.

Model	Belarus – 320.5	Belarus – 320.5M
Engine		
Engine type	Lombardini LDW1603/B3	MMZ-3LD
Number of cylinders	3-cylinders-TD	3-cylinders-TD
Rated power, kW (h.p.)	26,5 (36,0)	26 (35,4)
Engine capacity, dm ³	1.649	1.600
Rated speed, rpm	3000	
Torque, Nm	92	94
Emission standard	Euro-3A	
Transmission		
Gearbox	mechanical, step-by-step	
Number of gears: forward / reverse	16/8	
Speed, km/h: forward / reverse	1,1-27,5 / 2,0-14,6	
Clutch	single-disk, friction-type, constantly-closed	
Drive	4WD	
Differential	locking, rear	
Brakes		
Type	disks, wet, mechanical (separate control)	
Power take-off (PTO)		
Type	dependent and synchronous	
Speed, rpm	540/1000	
Hydraulic system		
Pump efficiency, dm ³ /min	17	
Lifting capacity, kg	1100	
Weight and dimensions		
Length/width/height (safety bar included), mm	3130/1550/2300	
Wheelbase, mm	1690	
Wheel track, mm		
- front wheels	1260, 1410	
- rear wheels	1250, 1400	
Ground clearance, mm	345	
Least turning radius, m	3,7 (2,8)	
Operating weight, kg	1890	
Tires		
Front / rear	210/80R16 / 11.2-20	
Additional Information		
Fuel tank capacity, dm ³	Two tanks: 46 and 48 (total 94)	
Basic set		
battery (12V, 88Ah); rear PTO (2-speed, synchronized, 8/21 and 6/21 splines); rear hitch (3-point, 2 hydrocylinders, locking chain); hydraulic outlets (4 pcs. front, 2 pcs. rear); 3-sectional hydraulic spreader; socket (on the rear side); frontal and rear working lights (4 pcs. front, 2 pcs. rear); turning lamps (4 pcs.); emergency lights; license plate backlight; panoramic cabin (frameless doors with tempered glass, plastic dashboard, ergonomic control, heater, ventilation system, opening back/rear windows, electric front and rear wipers, front window washer); horn; dashboard backlight; steering wheel with an adjustable angle; power steering; adjustable seat; parking hand brake; hand acceleration; rear view mirrors (2); footboards (2); front wheel wings (2); wheels hanging nuts (4); spare parts package		
Optional		
drawbar (2 types); crossbar; towing fork; front hitch with front PTO; front weights (20 kg x 8pcs); rear weights; pneumatic system; signal beacon; front wheels 210/80R16 and rear wheels 11.2-20; lawn tires; air conditioner		

model:

BELARUS - 320.5
BELARUS- 320.5M



- ▀ Ergonomic, adjustable steering wheel
- ▀ Panoramic overview
- ▀ Two fuel tanks 46 l. and 48 l.
- ▀ New type of cabin with tempered glass





BELARUS - 421

BELARUS- 410



Endurance and low-requirement

This model demonstrates effective performance on dry, moist and flooded soils in high temperature conditions. High ground clearance allows overpassing various kinds of obstacles without any crops damaging. Wide-ranged gearbox allows choosing optimal speed. High lifting capacity of rear hitch and two-speed PTO expand possibilities of implementation with various equipment.

Model	Belarus – 421	Belarus – 410
Engine		
Engine type	Lombardini LDW2204	
Number of cylinders	4-cylinders-TD	
Rated power, kW (h.p.)	36,6 (49,8)	
Rated speed, rpm	3000	
Engine capacity, dm ³	2,068	
Emission standard	Euro-3A	
Transmission		
Gearbox	mechanical, step-by-step	
Number of gears: forward / reverse	16/8	
Speed, km/h: forward / reverse	1,18-29,0 / 2,12-15,4	
Clutch	single-disk, friction-type, constantly-closed	
Drive	4WD	2WD
Differential	locking, rear	
Brakes		
Type	disks, wet, mechanical (separate control)	
Power take-off (PTO)		
Type,	dependent and synchronous	
Speed, rpm	540/1000	
Hydraulic system		
Pump efficiency, dm ³ /min	27	
Lifting capacity, kg	1700	
Weight and dimensions		
Length/width/height (safety bar included), mm	3200/1660/2250	
Wheelbase, mm	1850	
Tread, mm		
- front wheels	1260, 1410	
- rear wheels	1300, 1350, 1450, 1520, 1620	
Ground clearance, mm	370	
Least turning radius, m	3,8 (3,5)	
Operating weight, kg	1850	
Tires		
Front	265/70R16	6.50-16
Rear	360/70R24	
Additional information		
Fuel tank capacity, dm ³	45	
Basic set		
battery (12V, 88Ah); rear PTO (2-speed, synchronized, 8/21 and 6/21 splines); rear hitch (3-point, 2 hydrocylinders, locking chain); hydraulic outlets (2 pcs. front, 2 pcs. rear); 3-sectional hydraulic spreader; socket (on the rear side); frontal and rear working lights (2 pcs. front, 2 pcs. rear); turning lamps (4 pcs.); emergency lights; license plate backlight; safety bar; horn; dashboard backlight; steering wheel with an adjustable angle; power steering; adjustable seat; parking hand brake; hand acceleration; rear view mirror; footboard; front wheel wings (2 pcs., Belarus-410: excluded); wheels hanging nuts (4); spare parts package		
Optional		
drawbar (2 types); towing fork; front hitch with front PTO; front weights (20 kg x 8pcs); rear weights; crossbar; plastic roof		

model:
BELARUS - 421
 BELARUS- 410



- Durable metal frame
- Increased lifting capacity of the rear hitch
- High ground clearance and excellent overpass
- Available Two-wheel Drive modification

BELARUS - 422.1



Optimality and multifunctionality

In virtue of four-cylinder Italian Lombardini engine this tractor is capable to perform complex works in agricultural and municipal spheres, as well as in construction and forestry, with various loading, excavating, manipulating and shredding hinged equipment. This model is easy to handle and maintain.

Model	Belarus – 422.1
Engine	
Engine type	Lombardini LDW2204
Number of cylinders	4-cylinders-TD
Rated power, kW (h.p.)	36,6 (49,8)
Rated speed, rpm	3000
Engine capacity, dm ³	2,068
Emission standard	Euro-3A
Transmission	
Gearbox	mechanical, step-by-step
Number of gears: forward / reverse	16/8
Speed, km/h: forward / reverse	1,0-25,1 / 1,8-13,4
Clutch	single-disk, friction-type, constantly-closed
Differential	locked, rear
Drive	4WD
Brakes	
Type	disks, wet, mechanical (separate control)
Power take-off (PTO)	
Type, Speed, rpm	dependent and synchronous 540/1000
Hydraulic system	
Pump efficiency, dm ³ /min	27
Lifting capacity, kg	1700
Weight and dimensions	
Length/width/height (safety bar included), mm	3200/1570/2220
Wheelbase, mm	1870
Tread, mm	
– front wheels	1260, 1410
– rear wheels	1250, 1400
Ground clearance, mm	370
Least turning radius, m	3,8(3,5)
Operating weight, kg	1885
Tires	
Front	210/80R16
Rear	11.2-20
Additional information	
Fuel tank capacity, dm ³	65
Basic set	
battery (12V, 88Ah); rear PTO (2-speed, synchronized, 8/21 and 6/21 teeth); rear hitch (3-point, 2 hydrocylinders, locking chain); hydraulic outlets (2 pcs. front, 2 pcs. rear); 3-sectional hydraulic spreader; socket (on the rear side); frontal and rear working lights (2 pcs. front, 2 pcs. rear); turning lamps (4 pcs.); emergency lights; license plate backlight; cabin (heater, ventilation system, opening roof and back/rear windows, electric front and rear wipers, front window washer); horn; dashboard backlight; steering wheel with an adjustable angle; power steering; adjustable seat; parking hand brake; hand acceleration; rear view mirrors (2); footboard; front wheel wings (2); wheels hanging nuts (4); spare parts package	
Optional	
drawbar (2 types); pneumatic system; towing fork; front wheels 210/80R16 and rear 11.2-20; front hitch with front PTO; front weights (20 kg x 8pcs); crossbar; rear weights; signal beacon; lawn tires; air conditioner	

model:

BELARUS - 422.1



- Safe operator workplace
- Frontal loader and front hitch installation possibility
- Opening roof
- Free access to all engine parts

BELARUS - 422



Harmony and usability

This model combines the best technical properties of "Belarus-422.1" tractor and pre-installed comfortable panoramic cabin with a convenient driver's workplace. Current tractor perfectly fits in a city center scenario while performing territory care and ennoblement works. Low fuel consumption and eco-friendly emissions outline the benefits of this unit.

Model	Belarus – 422
Engine	
Engine type	Lombardini LDW2204
Number of cylinders	4-cylinders-TD
Rated power, kW (h.p.)	36,6 (49,8)
Engine capacity, dm ³	3000
Rated speed, rpm	2,068
Torque, Nm	125
Emission standard	Euro-3A
Transmission	
Gearbox	mechanical, step-by-step
Number of gears: forward / reverse	16/8
Speed, km/h: forward / reverse	1,0-31,7 / 1,8-16,9
Clutch	single-disk, friction-type, constantly-closed
Drive	4WD
Differential	locking, rear
Brakes	
Type	disks, wet, mechanical (separate control)
Power take-off (PTO)	
Type	independent and synchronous
Speed, rpm	540/1000
Hydraulic system	
Pump efficiency, dm ³ /min	40
Lifting capacity, kg	1700
Weight and dimensions	
Length/width/height (safety bar included), mm	3200/1570/2220
Wheelbase, mm	1870
Tread, mm	
- front wheels	1260, 1410
- rear wheels	1250, 1400
Ground clearance, mm	370
Least turning radius, m	3,8 (3,5)
Operating weight, kg	2025
Tires	
Front	210/80R16
Rear	11.2-20
Additional information	
Fuel tank capacity, dm ³	94
Basic set	
battery (12V, 88Ah); rear PTO (2-speed, synchronized, 8/21 and 6/21 splines); rear hitch (3-point, 2 hydraulic cylinders, locking chain); hydraulic outlets (4 pcs. front, 2 pcs. rear); 3-sectional hydraulic spreader; socket (on the rear side); frontal and rear working lights (6 pcs. front, 2 pcs. rear); turning lamps (4 pcs.); emergency lights; license plate backlight; panoramic cabin (frameless doors with tempered glass, plastic dashboard, ergonomic controls positioning, heater, ventilation system, opening back/rear windows, electric front and rear wipers, front window washer); horn; dashboard backlight; steering wheel with an adjustable angle; power steering; adjustable seat; parking hand brake; hand acceleration; rear view mirrors (2); footboards (2); front wheel wings (2); wheels hanging nuts (4); spare parts package	
Optional	
drawbar (2 types); crossbar; towing fork; front hitch with front PTO; front weights (20 kg x 8pcs); rear weights; pneumatic system; signal beacon; lawn tires; air conditioner	

model:

BELARUS - 422



- Perfect illumination of front and rear hitch systems at work
- Aesthetically attractive appearance
- Dashboard allows to get information at day and night time
- Accessible and comfortable operating inside the cabin

BELARUS - 622



Shapes perfection and productivity

This tractor represents an ideal combination of the most essential parameters for farmers: compact size, optimal engine power, high productivity at a low exploitation costs, comfort mixed with a modern design. Universal front and rear three-point hitches and wide range of gears allow usage of vast assortment of hinged and trailed implements.

Model	Belarus – 622
Engine	
Engine type	Lombardini LDW2204T
Number of cylinders	4-cylindres-TD (turbine)
Rated power, kW (h.p.)	46,0 (62,5)
Engine capacity, dm ³	2,068
Rated speed, rpm	3000
Torque, Nm	174
Emission standard	Euro-3A
Transmission	
Gearbox	mechanical, step-by-step
Number of gears: forward / reverse	16/8
Speed, km/h: forward / reverse	1,2-36,6 / 2,1-19,5
Clutch	single-disk, friction-type, constantly-closed
Drive	4WD
Differential	locking, rear
Brakes	
Type	disks, wet, mechanical (separate control)
Power take-off (PTO)	
Type	independent and synchronous
Speed, rpm	540/1000
Hydraulic system	
Pump efficiency, dm ³ /min	40
Lifting capacity, kg	2800
Weight and dimensions	
Length/width/height (safety bar included), mm	3450/1700/2380
Wheelbase, mm	1930
Tread, mm	
- front wheels	1390, 1530
- rear wheels	1410, 1510, 1560, 1660, 1730, 1830
Ground clearance, mm	390
Least turning radius, m	3,9
Operating weight, kg	2530
Tires	
Front	12.4L-16
Rear	360/70R24
Additional information	
Fuel tank capacity, dm ³	94
Basic set	
battery (12V, 88Ah); rear PTO (2-speed, synchronized, 8/21 and 6/21 splines); rear hitch (3-point, 2 hydrocylinders, locking chain); hydraulic outlets (4 pcs. front, 4 pcs. rear); 3-sectional hydraulic spreader; socket (on the rear side); frontal and rear working lights (6 pcs. front, 2 pcs. rear); turning lamps (4 pcs.); emergency lights; license plate backlight; panoramic cabin (frameless doors with tempered glass, plastic dashboard, ergonomic controls positioning, heater, ventilation system, opening back/rear windows, electric front and rear wipers, front window washer); horn; dashboard backlight; steering wheel with an adjustable angle; power steering; adjustable seat; parking hand brake; hand acceleration; rear view mirrors (2); footboards (2); front wheel wings (2); wheels hanging nuts (4); spare parts package.	
Optional	
drawbar (3 types); crossbar; towing fork; front hitch with front PTO; front weights (40 kg x 8pcs); rear weights; pneumatic system; signal beacon; lawn tires; air conditioner	

model:

BELARUS - 622



- Additional power provided by turbine
- Four halogen headlights outline modern design
- Easy adjustable rear glass
- Possibility to implement hinged and trailed equipment



