



CATALOG

OF AGRICULTURAL MACHINERY



2025

ABOUT THE COMPANY



Holding “Bobruiskagromash” is a modern, dynamically developing group of companies. The holding comprises seven enterprises with various specializations. The production capacities of the holding enable the manufacture of agricultural machinery that meets all the needs of farmers. Soil preparation, sowing, mounted and trailed equipment, forage harvesting, and a wide range of specialized machinery are all produced by the holding's enterprises. “Bobruiskagromash” takes a responsible approach to warranty and post-warranty service for its machinery, with spare parts warehouses operating at all dealer centers.

The enterprises of the “Bobruiskagromash” holding are certified under the quality management standard STB ISO 9001-2015 and comply with the environmental management system for the design, production, and servicing of agricultural machinery according to STB ISO 14001-2017.

Over its 50-year history, “Bobruiskagromash” has undergone a rich journey—from producing machines for the application of organic fertilizers to manufacturing cutting-edge equipment that rivals the technical specifications of global leaders in agricultural engineering. The accumulated experience and knowledge, along with design and technical potential, allows us to develop and create market-demanded machines with high technical and operational characteristics.

Each year, “Bobruiskagromash” expands its supply geography (currently covering over 50 countries worldwide), aiming to establish leading positions in the segments of mounted, semi-mounted, and trailed agricultural machinery. In opening new sales markets, “Bobruiskagromash” is focused on creating long-term and mutually beneficial partnerships and business contacts.

By utilizing various financial programs and tools, we provide our clients with the opportunity to acquire machinery under the most favorable conditions.

At the core of our operations lies the principle of trust and partnership. Year after year, we build strong, reliable relationships and strive to achieve complete mutual understanding with all our partners. Every day, we enhance the consumer quality of our equipment, aiming to understand and anticipate our clients' needs.

Together we are getting better!

PRODUCTION OF OJSC “HOLDING MANAGEMENT COMPANY “BOBRUISKAGROMASH”

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MACHINES FOR LIQUID ORGANIC FERTILIZERS APPLICATION

DISTINCTIVE FEATURES:

- ✔ Load capacity 3,2 т
- ✔ Single-axle chassis system
- ✔ Manual filling hose
- ✔ Quick-release shut-off devices for the filling hose

CONFIGURE-TO-ORDER:

- With galvanized tank
- Anti-corrosion coating inside the tank
- Dual-line pneumatic system
- Replaceable coupling loop
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve

MODEL VARIANTS:

MJT-3 - single-axle machine with load capacity: 3.2 tons



MJT-3

DISTINCTIVE FEATURES:

- ✔ Load capacity 3,2 т
- ✔ Mud pump
- ✔ Can be used as a pumping device and for fire extinguishing

CONFIGURE-TO-ORDER:

- Fire hose RG-51-1, 20 m
- Fire nozzle RSP-50
- Disassembly hook
- Conical bucket
- Fire axe

MODEL VARIANTS:

MJT-3PM - machine for self-loading and supplying non-food and non-flammable liquids



MJT-3PM

DISTINCTIVE FEATURES:

- ✔ Load capacity: 6 tons
- ✔ Dual-axle chassis system
- ✔ Automatic filling hose

CONFIGURE-TO-ORDER:

- With galvanized tank
- Anti-corrosion coating inside the tank
- Dual-line pneumatic system
- Replaceable coupling loop
- Hydraulically operated top hatch (in the absence of a vacuum unit)
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve
- Single-axle chassis system

MODEL VARIANTS:

MJT-F-6 - dual-axle machine with load capacity 6 tons
 MJT-F-6A - dual-axle machine with load capacity 7 tons
 MJT-F-6-2 - single-axle machine with load capacity 6 tons



MJT-F-6

MACHINES FOR APPLYING LIQUID ORGANIC FERTILIZERS MJT-3/MJT-F-6 ARE DESIGNED FOR SELF-LOADING, TRANSPORTING, AND SURFACE APPLICATION OF LIQUID ORGANIC FERTILIZERS, TRANSPORTING TECHNICAL WATER, AND ROAD WASHING. MJT-3P CAN BE USED FOR FIRE EXTINGUISHING.

TECHNICAL SPECIFICATIONS

	MJT-3	MJT-3PM	MJT-F-6	MJT-F-6A	MJT-6-2
Load capacity, tons	3,2	3,2	6	7	6
Tank capacity, liters	3200	3200	6000	7000	6000
Suction hose diameter, inches	5	3	5	5	5
Depth of intake during self-loading, meters	2,0	6,0	2,5	2,5	2,5
Wall thickness of the tank (bottom), mm	4	4	6	6	6
Wall thickness of the tank (cylinder), mm	4	4	5	5	5
Number of axles, pcs	1	1	2	2	1
Tire type	9.00-16	9.00-16	16,5/70-18 HC10	16,5/70-18 HC10	24/50-22,5 HC12
Track width, mm	1550	1550	1800	1800	1850
Ground clearance, mm, minimum	300	300	350	350	350
Transport speed, km/h	25	25	25	25	25
Self-loading time, minutes	6	4	6,6	7,6	6,6
Fertilizer application width, meters	6-12	6-12	6-12	6-12	6-12
Fertilizer application rate, tons/ha	10-60	-	10-60	10-60	10-60
Working speed during fertilizer application, km/h	6-12	6-12	6-12	6-12	6-12
Hourly performance during main time	6	-	20	23	20
Dimensions of the coupling loop (D x S), mm	50×30	50×30	50×30	50×30	50×30
Discharge completeness, %, minimum	99,9	99,9	99,9	99,9	99,9
PTO rotation frequency, rpm	540	540	1000	1000	1000
Control of working elements	manual	manual	automatic	automatic	automatic
MACHINE CONFIGURATION:					
Adjustment of coupling loop height	✗	✗	✓	✓	✓
Two hatches for maintenance and access to the tank (top and rear) Ø 460 mm	at the rear only	on top only	✓	✓	✓
Side automatic loading boom	✗	✗	✓	✓	✓
Single-line pneumatic system	✓	✓	✓	✓	✓
Mechanical fill level indicator	✓	✓	✓	✓	✓
Ladder and/or maintenance platform	✗	✗	✓	✓	✓
Mixing device	✗	✗	✓	✓	✓
Voltage of electrical equipment: 12V	✓	✓	✓	✓	✓
Discharge by compressor	✓	✗	✗	✗	✗
Discharge by centrifugal pump	✗	✗	✓	✓	✓
Closed-type slide valve	✓	✗	✗	✗	✗
Compressor with safety valve	✓	✗	✓	✓	✓
Folding spray spoon	✓	✗	✓	✓	✓
Manometer vacuum gauge	✓	✗	✓	✓	✓
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:					
Length	3840	3850	6500	7300	6500
Width	2000	2000	2500	2500	2500
Height	2220	2220	3400	3400	3400
MACHINE WEIGHT, kg:					
	TRACTOR PULLING CLASS				
	POWER				
	0,6-0,9 ≈ 22-50 hp	0,6-0,9 ≈ 22-50 hp	1,4 ≈ 80-88 hp	1,4 ≈ 55-75 hp	1,4 ≈ 80-88 hp

MACHINES FOR LIQUID ORGANIC FERTILIZERS APPLICATION

DISTINCTIVE FEATURES:

- ✔ Load capacity: 11 tons
- ✔ Dual-axle chassis system
- ✔ Automatic filling hose
- ✔ Mixing with a centrifugal pump during the transportation of the technological mass

CONFIGURE-TO-ORDER:

- Anti-corrosion coating inside the tank
- Dual-line pneumatic system
- Replaceable coupling loop
- Hydraulically operated top hatch (in the absence of a vacuum unit)
- Quick-release shut-off devices for the filling hose
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve

MODEL VARIANTS:

MJT-F-11 - dual-axle machine with load capacity 11 tons



MJT-F-11

DISTINCTIVE FEATURES:

- ✔ Load capacity 11 t
- ✔ Dual-axle chassis system
- ✔ Automatic filling hose
- ✔ Equipped with a vacuum compressor

CONFIGURE-TO-ORDER:

- Dual-sided zinc coating of the tank (inside and outside)
- Dual-line pneumatic system
- Replaceable coupling loop
- Hydraulically operated top hatch (in the absence of a vacuum unit)
- Quick-release shut-off devices for the filling hose
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve

MODEL VARIANTS:

MJT-F-11A- dual-axle machine with load capacity 11 tons



MJT-F-11A

DISTINCTIVE FEATURES:

- ✔ Load capacity: 16 tons
- ✔ Dual-axle chassis system
- ✔ Automatic filling hose

CONFIGURE-TO-ORDER:

- Anti-corrosion coating inside the tank
- Dual-line pneumatic system
- Replaceable coupling loop
- Filling hose with quick-release shut-off devices
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve
- Equipped with a vacuum compressor

MODEL VARIANTS:


MJU-16 - dual-axle machine with load capacity 16 tons
MJU-16-1 - dual-axle machine with load capacity 16 tons, equipped with an adapter for subsurface application



MJU-16

MACHINES FOR APPLYING LIQUID ORGANIC FERTILIZERS MJT-F-11/MJU-16 ARE DESIGNED FOR SELF-LOADING, TRANSPORTING, AND SURFACE/SUBSURFACE APPLICATION OF LIQUID ORGANIC FERTILIZERS, TRANSPORTING TECHNICAL WATER.

TECHNICAL SPECIFICATIONS

	MJT-F-11	MJT-F-11A	MJU-16	MJU-16-1
Load capacity, tons	11	11	16	16
Tank capacity, liters	11 000	11 000	16000	16000
Suction hose diameter, inches	6	6	6	6
Depth of intake during self-loading, meters	3,5	3,5	3,5	3,5
Wall thickness of the tank (bottom), mm	6	6	6	6
Wall thickness of the tank (cylinder), mm	5	5	6	6
Number of axles, pcs	2	2	2	2
Tire type	16,5/70-18 HC10	16,5/70-18 HC10	24,0/50-22,5	24,0/50-22,5
Track width, mm	2053	2053	1900±25	1900±25
Ground clearance, mm, minimum	350	350	350	350
Transport speed, km/h	25	25	25	25
Self-loading time, minutes	8	6,3	12	10
Fertilizer application width, meters	6-12	6-12	6-12	6-12
Fertilizer application rate, tons/ha	10-60	10-60	10-60	10-60
Working speed during fertilizer application, km/h	6-12	6-12	6-12	6-12
Hourly performance during main time	40	40	54	34
Dimensions of the coupling loop (D x S), mm	50×30	50×30	50×30	50×30
Discharge completeness, %, minimum	99,9	99,99	99,9	99,9
PTO rotation frequency, rpm	1000	1000	1000	1000
Control of working elements	automatic	manual	hydraulic	hydraulic
MACHINE CONFIGURATION:				
Adjustment of coupling loop height	☑	☑	☑	☑
Two hatches for maintenance and access to the tank (top and rear) Ø 460 mm	☑	☑	☑	☑
Side automatic loading boom	☑	☒	☑	☑
Single-line pneumatic system	☑	☑	☑	☑
Mechanical fill level indicator	☑	☑	☑	☑
Ladder and/or maintenance platform	☑	☑	☑	☑
Mixing device	☑	☒	☑	☑
Voltage of electrical equipment: 12V	☑	☑	☑	☑
Discharge by compressor	☒	☑	☒	☒
Discharge by centrifugal pump	☑	☒	☑	☑
Closed-type slide valve	☒	☑	☒	☒
Compressor with safety valve	☑	☑	☑	☑
Folding spray spoon	☑	☑	☑	☑
Manometer vacuum gauge	☑	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length	8000	8000	8900	10800
Width	2500	2500	2800	3800
Height	3400	3400	3600	3600
MACHINE WEIGHT, kg:				
	3950	4200	5000	6000
 TRACTOR PULLING CLASS POWER	3 ≈ 155 hp	3 ≈ 155 hp	4 and above ≈ 212-358 hp	5 and above ≈ 265 - 358 hp

MACHINES FOR LIQUID ORGANIC FERTILIZERS APPLICATION

DISTINCTIVE FEATURES:

- ✓ Load capacity: 20 tons
- ✓ Dual-axle chassis system
- ✓ Automatic filling hose
- ✓ Equipped with a vacuum compressor

CONFIGURE-TO-ORDER:

- Anti-corrosion coating inside the tank
- Dual-line pneumatic system
- Replaceable coupling loop
- Hydraulically operated top hatch (in the absence of a vacuum unit)
- Quick-release shut-off devices for the filling hose
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve

MODEL VARIANTS:

- MJU-20-1 - dual-axle machine with load capacity 20 tons, equipped with an adapter for subsurface application
 MJU -20-2 - dual-axle machine with load capacity 20 tons, equipped with an adapter for surface band application
 MJU-20A - Three-axle machine with load capacity 20 tons



ADAPTER FOR INTRASOIL FERTILIZER APPLICATION



MJU-20

DISTINCTIVE FEATURES:

- ✓ Load capacity: 20 tons
- ✓ Dual-axle chassis system
- ✓ Automatic filling hose
- ✓ Submersible pump with a flow rate of 5,000 l/min
- ✓ Wide-profile tires
- ✓ Capability for top-loading of the technological mass

CONFIGURE-TO-ORDER:

- Anti-corrosion coating inside the tank
- Dual-line pneumatic system
- Replaceable coupling loop
- Hydraulically operated top hatch (in the absence of a vacuum unit)
- Quick-release shut-off devices for the filling hose
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve

MODEL VARIANTS:

- MJU-20B - dual-axle machine with load capacity 20 tons, featuring a submersible slurry pump



MJU-20B

DISTINCTIVE FEATURES:

- ✓ Load capacity: 25 tons
- ✓ Dual-axle chassis system
- ✓ Automatic filling hose
- ✓ Submersible pump with a flow rate of 5,000 l/min
- ✓ Wide-profile tires
- ✓ Capability for top-loading of the technological mass

CONFIGURE-TO-ORDER:

- Anti-corrosion coating inside the tank
- Dual-line pneumatic system
- Replaceable coupling loop
- Hydraulically operated top hatch (in the absence of a vacuum unit)
- Filling hose with quick-release shut-off devices
- Additional fittings for side or rear loading/unloading, irrigation
- Hydraulic or manual 5" closed-type slide valve

MODEL VARIANTS:


- MJU-25 - dual-axle machine with load capacity 25 tons, featuring a submersible slurry pump



MJU-25

MACHINES FOR APPLYING LIQUID ORGANIC FERTILIZERS MJU-20/MJU-25 ARE DESIGNED FOR SELF-LOADING, TRANSPORTING, AND SURFACE/SUBSURFACE APPLICATION OF LIQUID ORGANIC FERTILIZERS, TRANSPORTING TECHNICAL WATER.

TECHNICAL SPECIFICATIONS

	MJU-20	MJU-20A	MJU-20B	MJU-20-1	MJU-20-2	MJU-25
Load capacity, tons	20	20	20	20	20	25
Tank capacity, liters	20000	20000	20000	20000	20000	25000
Suction hose diameter, inches	6	6	-	6	6	5
Depth of intake during self-loading, meters	3,5	3,5	2,8	3,5	3,5	2,8
Wall thickness of the tank (bottom), mm	6	6	6	6	6	6
Wall thickness of the tank (cylinder), mm	6	6	6	6	6	6
Number of axles, pcs	2	3	2	2	2	2
Tire type	700/50-22,50PR16	24,0/50-22,5	700/50-22,5PR16	700/50-22,50PR16	700/50-22,50PR16	700/50-22,50PR16
Track width, mm	2010±25	1925±25	2010±25	2010±25	2010±25	2200±25
Ground clearance, mm, minimum	350	350	350	350	350	350
Transport speed, km/h	25	25	25	25	25	25
Self-loading time, minutes. не более	10	10	10	10	10	10
Fertilizer application width, meters	6-12	6-12	6-12	6	12	6-12
Fertilizer application rate, tons/ha	40-80	40-80	40-80	40-80	40-80	40-80
Working speed during fertilizer application, km/h	6-12	6-12	6-12	6-12	6-12	6-12
Hourly performance during main time	65	65	65	45	60	74
Dimensions of the coupling loop (D x S), mm	50×30	50×30	50×30	50×30	50×30	50×30
Discharge completeness, %, minimum	99,9	99,9	99,9	99,9	99,9	99,9
PTO rotation frequency, rpm	1000	1000	1000	1000	1000	1000
Control of working elements	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
MACHINE CONFIGURATION:						
Adjustment of coupling loop height	✓	✓	✓	✓	✓	✓
Two hatches for maintenance and access to tank	✓	✓	✓	✓	✓	✓ 3 hatches
Side automatic loading boom	✓	✓	✓	✓	✓	✓
Single-line pneumatic system	✓	✓	✓	✓	✓	✓ Dual-line
Mechanical fill level indicator	✓	✓	✓	✓	✓	✓
Ladder and/or maintenance platform	✓	✓	✓	✓	✓	✓
Mixing device	✗	✗	✓	✗	✗	✓
Voltage of electrical equipment: 12V	✓	✓	✓	✓	✓	✓
Discharge by compressor	✓	✓	✗	✓	✓	✗
Discharge by centrifugal pump	✗	✗	✓	✗	✗	✓
Closed-type slide valve	✗	✗	✗	✗	✗	✗
Folding spray (spoon) plate	✓	✓	✓	✓	✓	✓
Manometer vacuum gauge	✓	✓	✗	✓	✓	✗
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:						
Length	9600	10500	9700	11500	11200	9750
Width	2840	2840	2800	3800	3200	2760
Height	3700	3600	3300	3700	3700	3500
MACHINE WEIGHT, kg:	7600	8750	6550	8500	8300	7350
 TRACTOR PULLING CLASS POWER	5 and above ≈ 265 - 358 hp	5 and above ≈ 265 - 358 hp	5 and above ≈ 265 - 358 hp	5 and above ≈ 265 - 358 hp	5 and above ≈ 265 - 358 hp	5 and above ≈ 265 - 358 hp

MACHINES FOR SOLID ORGANIC FERTILIZERS APPLICATION

DISTINCTIVE FEATURES:

- ✓ Load capacity: 7.3 tons
- ✓ Dual-axle chassis system
- ✓ Horizontal spreading reversible unit
- ✓ Single floor conveyor

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Replaceable coupling loop
- Wheel mudguards
- Hydraulic brake system
- LED lights

MODEL VARIANTS:

PRT-7A - machine without hydraulic rear tailgate with horizontal spreader



PRT-7A

DISTINCTIVE FEATURES:

- ✓ Load capacity: 9.5 tons
- ✓ Dual-axle chassis system
- ✓ Horizontal spreading unit
- ✓ Single floor reversible conveyor

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Replaceable coupling loop
- Wheel mudguards (fender)
- Hydraulic brake system
- LED lights

MODEL VARIANTS:

MTT-9 - machine for applying solid organic fertilizers with hydraulic rear tailgate and horizontal spreader



MTT-9

DISTINCTIVE FEATURES:

- ✓ Load capacity: 9.5 tons
- ✓ Dual-axle chassis system
- ✓ Vertical spreading unit
- ✓ Single floor reversible conveyor

CONFIGURE-TO-ORDER:

- Protective screen for spreading mechanism
- Dual-line pneumatic system
- Hydraulic brake system
- Replaceable coupling loop
- LED lights
- Hydraulic parking brake

MODEL VARIANTS:

MTT-9-1 - machine for applying solid organic fertilizers with hydraulic rear tailgate and vertical spreader



MTT-9-1

DISTINCTIVE FEATURES:

- ✓ Load capacity: 11 tons
- ✓ Dual-axle chassis system
- ✓ Vertical spreading unit
- ✓ Single floor conveyor
- ✓ Spreader protection

CONFIGURE-TO-ORDER:

- Protective screen for spreading mechanism
- Dual-line pneumatic brake system
- Hydraulic brake system
- Wheel mudguards
- LED lights
- Hydraulic parking brake

MODEL VARIANTS:

MTT-11 - machine for applying solid organic fertilizers with vertical spreader




MTT-11

MACHINES FOR APPLYING SOLID ORGANIC FERTILIZERS PRT-7A/MTT-9/MTT-9-1/MTT-11 ARE DESIGNED FOR TRANSPORTING AND UNIFORM SURFACE APPLICATION OF SOLID ORGANIC FERTILIZERS. WHEN THE SPREADING UNIT IS REMOVED, THEY CAN BE USED FOR TRANSPORTING OTHER AGRICULTURAL CARGOES WITH UNLOADING VIA A CONVEYOR.

TECHNICAL SPECIFICATIONS

MACHINES FOR SOLID ORGANIC FERTILIZERS APPLICATION

	PRT-7A	MTT-9	MTT-9-1	MTT-11
Type of machine	semi-trailer	semi-trailer	semi-trailer	semi-trailer
Load capacity, tons	7,3	9,5	9,5	11
Body capacity with standard sides, m ³	5,3±0,25	7±0,25	7±0,25	9,4±0,25
Body capacity with extension sides, m ³	-	-	-	-
Ground clearance, mm, minimum	350	350	350	350
Track width, mm	2030±25	2050±25	2050±25	2050±25
Number of tires, pcs	4	4	4	4
Number of axles, pcs	2	2	2	2
Tire type	16,5/70-18HC10	16,5/70-18HC10	16,5/70-18HC10	16,5/70-18KC14
Maximum tire load, kg	2300	2700	2700	2700
Floor/wall thickness	2/1,5	2/1,5	2/1,5	2/1,5
Dimensions of the coupling loop (D x S), mm	50×30	50×30	50×30	50×30
Working speed, km/h, maximum	12	12	12	12
Transport speed, km/h, maximum	25	25	25	25
Application rate (infinitely adjustable), t/ha	10-60	10-60	10-60	10-60
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Fertilizer application working width, meters	4-8	4-8	8-10	8-10
PTO rotation frequency, rpm	540	540	540	540
Discharge completeness, %, minimum	100	100	100	100
Safety of cargo during transportation, %, minimum	99,9	99,9	99,9	99,9
MACHINE CONFIGURATION:				
Voltage of electrical equipment: 12V	☑	☑	☑	☑
Mechanical parking brake	☑	☑	☑	☑
Flow regulator	☑	☑	☑	☑
Reversible conveyor	☑	☑	☑	☑
Replaceable working knives for the spreading unit	☒	☒	☑	☑
Extension sides	☒	☒	☒	☑
Conveyor drive gearbox	☑	☑	☑	☑
Pneumatic single-line brake system	☑	☑	☑	☑
Spreader protection	☒	☒	☒	☑
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length	6500	6500	6450	6450
Width	2500	2500	2500	2500
Height at standard sides	1900	2000	2140	2140
Height at front extension side	2750	2750	2800	2800
Height at side extension sides	-	-	-	2600
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
 TRACTOR PULLING CLASS POWER	1,4	1,4-2	1,4-2	2
	≈ 80-88 hp	≈ 80-130 hp	≈ 80-130 hp	≈ 130 hp

MACHINES FOR SOLID ORGANIC FERTILIZERS APPLICATION

DISTINCTIVE FEATURES:

- ✓ Load capacity: 15 tons
- ✓ Dual-axle chassis system
- ✓ Vertical spreading unit
- ✓ Dual floor reversible conveyor

CONFIGURE-TO-ORDER:

- Protective screen for spreading mechanism
- Dual-line pneumatic brake system
- Hydraulic brake system
- Wheel mudguards
- LED lights
- Hydraulic parking braker

MODEL VARIANTS:

- MTU-15- with a combined spreader (two horizontal crushing drums and two rotors)
- MTU-15-1 - with a spreader featuring two vertical drums



MTU-15-1

DISTINCTIVE FEATURES:

- ✓ Load capacity: 18 tons
- ✓ Dual-axle chassis system
- ✓ Vertical spreading unit
- ✓ Dual floor reversible conveyor

CONFIGURE-TO-ORDER:

- Protective screen for spreading mechanism
- Dual-line pneumatic system
- Hydraulic brake system
- Replaceable coupling loop
- Hydraulic parking braker

MODEL VARIANTS:

- MTU -18- dual-axle machine featuring two vertical drums, with a load capacity of 18 tons
- MTU -18-1- dual-axle machine (two horizontal crushing drums and two rotors)



MTU-18

DISTINCTIVE FEATURES:

- ✓ Load capacity: 20 tons
- ✓ Dual-axle chassis system
- ✓ Vertical spreading unit
- ✓ Dual floor reversible conveyor

CONFIGURE-TO-ORDER:

- Protective screen for spreading mechanism
- Dual-line pneumatic system
- Hydraulic brake system
- Replaceable coupling loop
- Hydraulic parking braker

MODEL VARIANTS:

- MTU-20- dual-axle machine (two horizontal crushing drums and two rotors)
- MTU-20-1 - dual-axle machine featuring two vertical drums



MTU-20-1

DISTINCTIVE FEATURES:

- ✓ Load capacity: 24 tons
- ✓ Three-axle chassis system
- ✓ Vertical spreading unit
- ✓ Dual floor reversible conveyor

CONFIGURE-TO-ORDER:

- Protective screen for spreading mechanism
- Dual-line pneumatic system
- Hydraulic brake system
- Replaceable coupling loop
- Hydraulic parking braker

MODEL VARIANTS:

- MTU-24- dual-axle machine with two horizontal crushing drums and two rotors
- MTU-24 A - three-axle machine with two horizontal crushing drums and two rotors
- MTU-24-1/MTU-24A-1- with two vertical drums
- MTU-24A-2 - three-axle machine with four vertical drums
- MTU-24A-3 - three-axle machine with two vertical drums and increased body volume




MTU-24A

MACHINES FOR APPLYING SOLID ORGANIC FERTILIZERS MTU-15/MTU-18/MTU-20-1/MTU-24-1 ARE DESIGNED FOR TRANSPORTING AND UNIFORM SURFACE APPLICATION OF SOLID ORGANIC FERTILIZERS. WHEN THE SPREADING UNIT IS REMOVED, THEY CAN BE USED FOR TRANSPORTING OTHER AGRICULTURAL CARGOES WITH UNLOADING VIA A CONVEYOR.

TECHNICAL SPECIFICATIONS

MACHINES FOR SOLID ORGANIC FERTILIZERS APPLICATION

	MTU-15-1	MTU-18	MTU-20-1	MTU-24-1
Type of machine	semi-trailer	semi-trailer	semi-trailer	semi-trailer
Load capacity, tons	15	18	20	24
Body capacity with standard sides, m³	15±0,25	15±0,25	16,7±0,25	20±0,25
Body capacity with extension sides, m³	21±0,25	25±0,25	28±0,25	28±0,25
Ground clearance, mm, minimum	350	350	350	350
Track width, mm	1900±25	1900±25	2010±25	2010±25
Number of tires, pcs	4	4	4	4
Number of axles, pcs	2	2	2	2
Tire type	24,0/50-22,5HC12	24,0/50-22,5HC16	700/50-22,5 PR 12	700/50-22,5 PR 16
Maximum tire load, kg	4500	5400	6000	7000
Floor/wall thickness	2/2	2/2	2/2	2/2
Dimensions of the coupling loop (D x S), mm	50×30	50×30	50×30	50×30
Working speed, km/h, maximum	12	12	12	12
Transport speed, km/h, не более	25	25	25	25
Application rate (infinitely adjustable), t/ha	10-60	10-60	10-60	10-60
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Fertilizer application working width, meters	8-12	8-12	8-12	8-12
PTO rotation frequency, rpm	1000	1000	1000	1000
Discharge completeness, %, minimum	100	100	100	100
Safety of cargo during transportation, %, minimum	99,9	99,9	99,9	99,9
MACHINE CONFIGURATION:				
Voltage of electrical equipment: 12V	☑	☑	☑	☑
Mechanical parking brake	☑	☑	☑	☑
Flow regulator	☑	☑	☑	☑
Reversible double conveyor	☑	☑	☑	☑
Replaceable working knives for the spreading unit	☑	☑	☑	☑
Extension sides	☑	☑	☑	☑
Conveyor drive gearbox	☑	☑	☑	☑
Pneumatic single-line brake system	☑	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length	8500	8500	10800	10800
Width	2550	2550	2750	2750
Height at standard sides	2750	2750	2750	2950
Height at front extension side	3200	3700	3500	3500
Height at side extension sides	3100	3700	3500	3500
МАССА МАШИНЫ (БЕЗ ЗИП И НАДСТАВНЫХ БОРТОВ), КГ:	5800	6000	6800	7000
 TRACTOR PULLING CLASS POWER	3-4 ≈ 155-212 hp	4 ≈ 212 hp	5 ≈ 265 hp	5 ≈ 265 hp

MACHINES FOR MINERAL FERTILIZERS APPLICATION

DISTINCTIVE FEATURES:

- ✎ Type: mounted
- ✎ Load capacity: 1 ton, 1.6 tons
- ✎ Dual-disk fertilizer application distributor

CONFIGURE-TO-ORDER:

- Protective cover
- LED lights
- Tropical Version (LCP, High-Pressure Hoses)

MODEL VARIANTS:

- RU-1000 - fertilizer distributor with load capacity 1 ton
- RU-1600 - fertilizer distributor with load capacity 1.6 tons



RU-1000/RU-1600

DISTINCTIVE FEATURES:

- ✎ Type: semi-trailer
- ✎ Load capacity: 3 tons
- ✎ Single-axle chassis system
- ✎ Dual-Disk Fertilizer Application Distributor

CONFIGURE-TO-ORDER:

- Protective cover
- Hydraulic brake system
- LED lights
- Tropical Version (LCP, High-Pressure Hoses)

MODEL VARIANTS:

- RU-3000 - fertilizer distributor with load capacity 3 tons



RU-3000

DISTINCTIVE FEATURES:

- ✎ Type: semi-trailer
- ✎ Load capacity: 4 tons
- ✎ Single-axle chassis system
- ✎ Dual-disk fertilizer application distributor
- ✎ Spring suspension system

CONFIGURE-TO-ORDER:

- Protective cover
- Hydraulic brake system
- Wheel mudguards
- Making the body of stainless steel
- Making the frame with zinc coating

MODEL VARIANTS:

- MTT-4U - fertilizer distributor with load capacity 4 tons
- MTT-4U - yellow-black color scheme - for municipal services
- MTT-4U-1 - non-spring suspension system



MTT-4U

DISTINCTIVE FEATURES:

- ✎ Type: semi-trailer
- ✎ Load capacity: 5 tons
- ✎ Single-axle high-mobility suspension system

CONFIGURE-TO-ORDER:

- Tropical version (tires, LCP, high-pressure hoses)
- Protective cover

MODEL VARIANTS:

- RU-5 - fertilizer distributor



RU-5

MACHINES FOR APPLYING MINERAL FERTILIZERS RU-1000/ RU-1600/RU-3000/MTT-4U/RU-5 ARE DESIGNED FOR SURFACE APPLICATION OF MINERAL FERTILIZERS IN GRANULAR AND CRYSTALLINE FORM AND FOR TOP-DRESSING OF WINTER CEREAL CROPS (EARLY STAGE OF DEVELOPMENT), MEADOWS, AND PASTURES.

TECHNICAL SPECIFICATIONS

	RU-1000	RU-1600	RU-3000	MTT-4U	RU-5
Type of machine	mounted	mounted	semi-trailer	semi-trailer	semi-trailer
Body capacity, m³	0,85	1,38	2,47	3,80	5
Load capacity, кг, не более	1000	1600	3000	4000	5000
Track width, mm	-	-	1800/2100	1800	1923
Ground clearance, mm, minimum	500	500	300	300	670
Tire type	-	-	13,0/75-16 (Бен 76)	16,5/70-18HC-10	580/70K42БЕЛ12?
Transport speed, km/h, maximum	25	25	25	20	25
Working speed, km/h	8-12	8-12	8-12	6-15	6-15
Number of spreading discs	2	2	2	2	2
Number of blades on spreading discs	2	2	2	4	3/6
Disc diameter	430	430	430	650	610
Working width for granular fertilizer application, m	20-28	20-28	20-28	15-22	16-25
Working width for crystalline fertilizer application, m	10-14	10-14	10-14	8-10	8-10
Working width for lime chemical amendments application, m	-	-	-	8-10	8-10
Application rate range for granular and crystalline fertilizers, kg/ha	40-700	40-700	40-700	100-2500	50-800
Application rate range for lime chemical amendments, kg/ha	-	-	-	60-7000	600-7000
Application rate range for green manure seeds, kg/ha	10-200	10-200	10-200	-	-
Loading height (from the distributor's base surface), mm, maximum	1050	1220	2300	2100	2800
Hourly performance during the main time for granular fertilizer application, ha	16,0-33,6	16,0-33,6	16,0-33,6	9,0-21,0	9,6-37,5
Hourly performance during main time for crystalline fertilizer application, ha	8,0-16,8	8,0-16,8	8,0-16,8	4,8-15,0	4,8-15,0
Hourly performance during main time for chemical amendments application, ha	-	-	-	-	4,8-10
Specific wheel pressure on soil, MPa, maximum	-	-	0,08	0,15	0,2
Tire pressure, MPa	-	-	0,2	0,32	0,16
Working pressure in hydraulic system, MPa, maximum	16	16	16	-	16
PTO rotation frequency, rpm	540	540	540	540	100
MACHINE CONFIGURATION:					
Articulated telescopic shaft	☑	☑	☑	☑	☑
Protective guard for working components	☑	☑	☑	☑	☑
Protective cover	☑	☑	☑	☑	☑
Screen to prevent foreign objects	☑	☑	☑	☑	☑
Distribution mechanism made of stainless steel	☑	☑	☑	☑	☑
Mechanical hitch support	☒	☒	☑	☑	☑
Hand-operated parking breaker	☒	☒	☑	☑	☑
Mechanical drive for discs	☑	☑	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:					
Length	1200	1450	3100	5695	5810
Width	2950	2950	2550	2240	2500
Height	1320	1420	2540	2150	3000
MASHINE WEIGHT (WITHOUT SPARE PARTS), KG					
 TRACTOR PULLING CLASS POWER	1,4	2	1,4	1,4	1,4-2
	≈ 80-88 hp	≈ 130 hp	≈ 80-88 hp	≈ 80-88 hp	≈ 80-130 hp

MACHINES FOR MINERAL FERTILIZERS APPLICATION

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Load capacity: 8 tons
- ✔ Dual-axle chassis system
- ✔ Dual chain and rod conveyor

CONFIGURE-TO-ORDER:

- Hydraulic brake system
- Tropical Version (tires, LCP, High-Pressure Hoses)
- Manufacturing from stainless steel

MODEL VARIANTS:

RU-7000-1- fertilizer spreader



RU-7000-1

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Load capacity: 14 tons
- ✔ Dual-axle chassis system
- ✔ Single chain and slat conveyor

CONFIGURE-TO-ORDER:

- Wheel mudguards
- Hydraulic brake system
- Tropical Version (Tires, LCP, High-Pressure Hoses)
- Drive for spreading mechanism from tractor PTO

MODEL VARIANTS:

RU-8- fertilizer spreader



RU-8

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Load capacity: 14 tons
- ✔ Dual-axle chassis system
- ✔ Single chain and slat conveyor
- ✔ Interchangeable working components (disc module, bar module)
- ✔ Drive for working components from own hydraulic station

CONFIGURE-TO-ORDER:

- Wheel mudguards
- Hydraulic brake system
- Tropical Version (Tires, LCP, High-Pressure Hoses)

MODEL VARIANTS:

RU-8-2- fertilizer spreader



RU-8-2

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Load capacity: 10 tons
- ✔ Dual-axle chassis system
- ✔ Dual chain and rod conveyor
- ✔ Bar application of chemical amendments

CONFIGURE-TO-ORDER:

- Hydraulic brake system
- LED lights
- Tropical Version (Tires, LCP, High-Pressure Hoses)

MODEL VARIANTS:


MSH-9- fertilizer spreader



MSH-9

MACHINES FOR APPLYING MINERAL FERTILIZERS RU-7000-1/RU-8/RU-8-2/MSHH-9 ARE DESIGNED FOR SURFACE APPLICATION OF MINERAL FERTILIZERS IN GRANULAR AND CRYSTALLINE FORM, FOR TOP-DRESSING OF WINTER CEREAL CROPS, MEADOWS, AND PASTURES. APPLICATION OF DOLOMITIC LIME AND OTHER POWDERY CHEMICAL AMENDMENTS IS CARRIED OUT USING BARS OF MACHINES (MSHH-9 AND RU-8-2), WHILE THE APPLICATION OF FERTILIZERS IN GRANULAR AND CRYSTALLINE FORM IS PERFORMED USING SPREADING DISCS (RU-7000-1, RU-8).

TECHNICAL SPECIFICATIONS

	RU-7000-1	RU-8	RU-8-2	MSH-9
Type of machine	semi-trailer	semi-trailer	semi-trailer	semi-trailer
Body capacity, m ³	7,0	8,0	8,0	9,0
Load capacity, кг, не более	8000	14000	14000	10000
Track width, mm	2150	1924	1924	2150
Ground clearance, mm, minimum	300	300	300	300
Tire type	22,0/70-20(Φ-118)	24,0/55-22,5(Бел-91)	24,0/55-22,5(Бел-91)	22,0/70-20 (Φ-118)
Number of spreading discs, pcs	2	2	2	2
Number of blades on spreading discs, pcs	2/3/6	3/6	3/6	3/6
Disc diameter	430/640	640	640	640
Transport speed, km/h, не более	20	25	25	20
Working speed, km/h	6-10	6-15	6-15	6-10
Working width for granular fertilizer application, m	16-25	16-25	16-25	-
Working width for crystalline fertilizer application, m	16-25	8-10	8-10	-
Working width for lime chemical amendments application, m	8-10	8-10	8-10	10
Application rate range for granular and crystalline fertilizers, kg/ha	50-800	50-800	50-800	-
Application rate range for lime chemical amendments, kg/ha	600-7000	600-7000	600-7000	1000-7000
Loading height (from the distributor's base surface), mm, maximum	2500	2680	2680	2600
Hourly performance during the main time for granular fertilizer application, ha	9,6-37,5	11-40	11-40	-
Hourly performance during the main time for crystalline fertilizer application, ha	4,8-15	5,5-17	5,5-17	-
Hourly performance during main time for chemical amendments application, ha	-	-	-	4,8-10
Specific wheel pressure on soil, MPa, maximum	0,20	0,20	0,20	0,20
Tire pressure, MPa	0,22	0,2	0,2	0,22
Working pressure in hydraulic system, MPa, maximum	16	16	16	16
PTO rotation frequency, rpm	540	540	540	540
MACHINE CONFIGURATION:				
Articulated telescopic shaft protective	☑	☑	☑	☑
Guard for working components	☑	☑	☑	☑
Protective cover	☑	☑	☑	☑
Screen to prevent foreign objects	☑	☑	☑	☑
Distribution mechanism made of stainless steel	☑	☑	☑	☑
LED lights	☑	☑	☑	☑
Hand-operated parking breaker	☑	☑	☑	☑
GPS navigation system	☑	☑	☑	☑
Drive for discs	Mechanical	Mechanical	Hydraulic	Hydraulic
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length	6740	8070	8070	7500
Width	2680	2536	2536	2700-10600
Height	3120	2850	2850	3120
MASHINE WEIGHT (WITHOUT SPARE PARTS), KG				
	5000	5700	5700	5500
 TRACTOR PULLING CLASS POWER	2 ≈ 130 hp	3-5 ≈ 155-265 hp	3-5 ≈ 155-265 hp	3 ≈ 265 hp

MOWERS

DISTINCTIVE FEATURES:

- ✎ Type: trailed
- ✎ Rotary disc cutting bar
- ✎ Working width: 1.5 m

CONFIGURE-TO-ORDER:

- Articulated telescopic shaft
- Protective guard for cutting mechanism
- Transport position retention mechanism
- Powered cutting bar
- Belt drive

MODEL VARIANTS:

KIR-1,5-02- towable mower-shredder



KIR-1,5-02

DISTINCTIVE FEATURES:

- ✎ Type: mounted
- ✎ Rotary disc cutting bar
- ✎ Working width: 2.1 m
- ✎ 6-Belt drive

CONFIGURE-TO-ORDER:

- Field divider
- Additional protective guard for tractor
- Protective cover

MODEL VARIANTS:

KDN-210- mounted disc mower (with 6-belt drive)



KDN-210

DISTINCTIVE FEATURES:

- ✎ Type: mounted
- ✎ Rotary disc cutting bar
- ✎ Working width: 2.6 m

CONFIGURE-TO-ORDER:

- Field divider
- Additional protective guard for tractor
- Protective cover
- Tropical Version (rubber technical products, paints and coatings)

MODEL VARIANTS:


KDN-260- mounted disc mower (equipped with 5-rotor cutting bar)



KDN-260

MOWERS ARE DESIGNED FOR MOWING ANNUAL AND PERENNIAL CROPS CULTIVATED IN PURE STANDS AND IN MIXED SOWINGS, BOTH IN THE FIELD AND IN MEADOW AND CULTIVATED HAYFIELDS, WITH SIMULTANEOUS LAYING OF THE MOWED MASS INTO SWATHS OR ROWS.

TECHNICAL SPECIFICATIONS

	KIR-1.5-02	KDN-210	KDN-260
Type	tractor-towed	mounted right-hand	mounted right-hand
Cutting width, m	1,5	2,1±0,02	2,6±0,02
Cutting height, mm	50-400	50-100	50-100
Working speed, km/h	8	8-15	8-15
Transport speed, km/h, не более	20	25	15
Ground clearance, mm, maximum	250	280	300
Working pressure in the hydraulic system, Mpa, maximum	-	16	16
Hourly performance during main time, ha/h	15-45	1,2-2,2	1,5-2,7
Power consumption, kW, maximum	22-27	20	30
Swath width, m	-	1,2-1,4	1,4-2,0
Row width, m	-	1,4-1,6	1,8-2,2
Losses, % (maximum)	2	1	2
Number of discs, pcs	-	4	5
Number of knives, pcs	-	8	10
PTO rotation frequency, rpm	540	540	540
CONFIGURATION			
Articulated telescopic shaft	☑	☑	☑
Protective guard for cutting mechanism	☑	☑	☑
Protected cover	☒	☑	☑
Stone protection	☒	☒	☒
Swath forming shield	☒	☑	☑
Obstacle impact protection	☒	☑	☑
Hydraulic cylinder	☒	☑	☑
Quick knife replacement system	☒	☒	☒
Ground pressure limiting device	☒	☑	☑
Transport position retention mechanism	☑	☑	☑
Powered cutting bar	☑	☑	☑
Belt drive	☑	☑	☑
OVERALL DIMENSIONS (IN WORKING POSITION), MM, MAXIMUM			
Length	4600	1250	1250
Width	2400	3900	4400
Height	4200	1600	1600
OVERALL DIMENSIONS (IN TRANSPORT POSITION), MM, MAXIMUM			
Length	-	1250	1250
Width	-	1800	1800
Height	-	3500	400
WEIGHT OF THE MASHINE (WITHOUT SPARE PARTS AND EXTENSION SIDERS), KG			
Type of hitching device	TSU-1	NU-2	NU-2
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp

DISC MOWERS

DISTINCTIVE FEATURES:

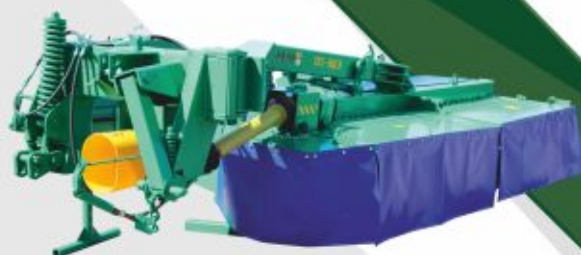
- ✓ Type: mounted
- ✓ Rotary disc cutting bar
- ✓ Working width: 3.1 m

CONFIGURE-TO-ORDER:

- Additional protective guard for tractor
- Protective cover

MODEL VARIANTS:

KDN-310- mounted disc mower



KDN-310

DISTINCTIVE FEATURES:

- ✓ Type: semi-trailer
- ✓ Rotary disc cutting bar

CONFIGURE-TO-ORDER:

- Additional protective guard for tractor
- Beater-deck activator
- Without replaceable adapters
- 8 discs, 16 knives
- Roller crimping unit

MODEL VARIANTS:

KDP-310- semi-trailed disc mower with 6 rotors and roller crimping unit
 KDP -310-1- semi-trailed disc mower with 6 rotors and beater-deck activator
 KDP -310-2 - semi-trailed disc mower with 6 rotors without replaceable adapters
 KDP -310A- semi-trailed disc mower with 8 rotors and roller crimping unit
 KDP -310A-1 - semi-trailed disc mower with 8 rotors and beater-deck activator
 KDP -310A-2 - semi-trailed disc mower with 8 rotors without replaceable adapters



KDP-310

DISTINCTIVE FEATURES:

- ✓ Front-mounted on tractor
- ✓ Rotary disc cutting bar

CONFIGURE-TO-ORDER:

- Additional protective guard for tractor
- Beater-deck activator
- Without replaceable adapters
- Roller crimping unit
- Rear mounting device for NU-3 on Belarus-1221V tractor

MODEL VARIANTS:

KDF-310 - front disc mower with 8 rotors and roller crimping unit
 KDF -310-1 - front disc mower with 8 rotors and beater-deck activator
 KDF -310-2 - front disc mower with 8 rotors without replaceable adapters



KDF-310

DISTINCTIVE FEATURES:

- ✓ Front and rear mounted parts of the mower
- ✓ Working width: 9 m
- ✓ Rotary disc cutting bar

CONFIGURE-TO-ORDER:

- Additional protective guard for tractor
- Rear mounting device for NU-3 on Belarus-1221V tractor

MODEL VARIANTS:


KDN-9 - Two-part disc mower with cutting width of 9 m



KDN-9

DISC MOWERS ARE DESIGNED FOR MOWING ANNUAL AND PERENNIAL CROPS CULTIVATED IN PURE STANDS AND IN MIXED SOWINGS, BOTH IN THE FIELD AND IN MEADOW AND CULTIVATED HAYFIELDS, WITH SIMULTANEOUS LAYING OF THE MOWED MASS INTO SWATHS OR ROWS.

TECHNICAL SPECIFICATIONS

	KDN-310	KDP-310	KDF-310	KDN-9
Type	mounted	semi-trailer	front-mounted	front-mounted and rear-mounted
Constructive raking width, m	3,1±0,03	3,1±0,03	3,1±0,03	9,0±0,03
Cutting height (with additional skids), mm	50-100	50-100	50-100	50-100
Working speed, km/h	8-15	8-15	8-15	5-15
Transport speed, km/h, maximum	15	20	20	20
Ground clearance, mm, maximum	300	300	300	300
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Hourly performance during main time, ha/h	1,7-3,3	1,7-3,3	1,7-3,3	7,0-10,0
Power consumption, kW, maximum	35	50	50	160
Damage to plant cuticle layer, %	-	80	80	80
Damage to plant wax layer, %	-	-	-	-
Swath width, m	1,4-2,2	1,4-2,2	1,4-2,2	1,4-2,2
Row width, m	2,4-2,6	2,4-2,6	2,4-2,6	2,4-2,6
Losses, % (maximum)	2	2	2	2
Number of discs, pcs	8	6	8	8
Number of knives, pcs	16	12	16	48
PTO rotation frequency, rpm	1000	1000	1000	1000
CONFIGURATION:				
Articulated telescopic shaft	☑	☑	☑	☑
Protective guard	☑	☑	☑	☑
Protective cover	☑	☑	☑	☑
Stone protection	☑	☒	☑	☑
Swath forming shield	☑	☑	☑	☑
Obstacle impact protection	☑	safety clutch on cardan shaft	☒	☑
Hydraulic cylinder	☑	☑	☑	☑
Quick knife replacement system	☒	☒	☒	☒
Ground pressure limiting device	☑	☑	☑	☑
Transport position retention mechanism	☑	☑	☑	☑
Mechanical drive	☑	☑	☑	☑
Powered cutting bar	☑	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE (IN WORKING POSITION), MM (MAXIMUM)				
Length	2400	6900	2100	2400
Width	5300	5200	3700	9600
Height	1600	1550	1550	1600
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM (MAXIMUM)				
Length	4700	8200	200	4700
Width	2200	3300	3300	4300
Height	2000	1800	2000	2000
WEIGHT OF THE MASHINE (WITHOUT SPARE PARTS AND EXTENSIONS), KG				
	950	2100	1350	3700
Type of hitching device	NU-2	NU-3	NU-2	NU-2
 TRACTOR PULLING CLASS POWER	2 ≈ 130 hp	1,4 ≈ 80-88 hp	2 ≈ 130 hp	5 ≈ 265 hp

RAKES

DISTINCTIVE FEATURES:

- ☑ Type: rotor semi-trailer
- ☑ One rotor
- ☑ Working width: 4.5 m
- ☑ Functions: raking, turning, spreading swaths

CONFIGURE-TO-ORDER:

- ☉ Tropical version (rubber technical products, paints and coatings)

MODEL VARIANTS:

GVR-420 – rake (with one rotor)



GVR-420

DISTINCTIVE FEATURES:

- ☑ Type: rotor semi-trailer
- ☑ Two rotors
- ☑ Working width: 6.3 m
- ☑ Functions: raking, turning, spreading swaths

CONFIGURE-TO-ORDER:

- ☉ Tropical version (rubber technical products, paints and coatings)

MODEL VARIANTS:

GVR-630 – rake



GVR-630

DISTINCTIVE FEATURES:

- ☑ Type: rotor semi-trailer
- ☑ Two rotors
- ☑ Working width: 7.0 m
- ☑ Functions: raking, turning, spreading swaths

CONFIGURE-TO-ORDER:

- ☉ Tropical version (rubber technical products, paints and coatings)

MODEL VARIANTS:

GR-700P "Cascade" – rotary rakes equipped with a gearbox with two rotors



GR-700P "Cascade"

DISTINCTIVE FEATURES:

- ☑ Type: towed wheel rakes
- ☑ Working width: 6.3 m

CONFIGURE-TO-ORDER:

- ☉ Tropical version (rubber technical products, paints and coatings)

MODEL VARIANTS:


GK-630 – wheel rake



GK-630

RAKES ARE DESIGNED FOR RAKING CUT GRASS INTO SWATHS OR ROWS, AS WELL AS FOR TEDDING GRASS IN ROWS, TURNING OR SPREADING SWATHS (EXCEPT GK-630).

TECHNICAL SPECIFICATIONS

	GVR-420	GVR-630	GR-700П	GK-630
Type of machine	semi-trailer, rotor	semi-trailer, rotor	semi-trailer, rotor	trailer, wheel-type
Performance when raking, ha/h	2,7-5,4	3,7-7,5	4,2-8,4	4,4-9,4
Performance when tedding, ha/h	2,7-5,4	3,7-7,5	4,0-7,9	-
Constructive raking width, m	4,5±0,2	6,3±0,3	7,0±0,3	6,3±0,3
Constructive tedding width, m	4,5±0,2	6,3±0,3	6,6±0,3	-
Working speed, km/h	6-12	6-12	6-12	7-15
Transport speed, km/h, maximum	15	15	15	15
Number of rotors, pcs	1	2	2	-
Rotor speed during raking, s ⁻¹	0,8-1	1-1,25	1-1,7	-
Rotor speed during tedding, s ⁻¹	1,1-1,2	1,4-1,5	1-1,17	-
Number of double teeth on one bar on the front (rear) rotor, pcs	4	3	4(3)	-
Number of working wheels (raking), pcs	-	-	-	14
Number of double teeth on one wheel, pcs	-	-	-	20
Ground clearance at wheel axis, mm (minimum)	200	200	200	230
Tire type	16x6,50-8	5,00-10	16x6,50-8	175-70R13
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Dimensions of the coupling loop (D x S)	(40 ⁺³)x(30±0,2)	(40 ⁺³)x(30±0,2)	(40 ⁺³)x(30±0,2)	(40 ⁺³)x(30±0,2)
Width of formed swath during raking, m	1,4 maximum	1,4 maximum	1,0-2,0	1,2 maximum
Mass loss during raking, %, (maximum)	2	2	2	2
Coefficient of aeration after tedding, (minimum)	0,3	0,3	0,3	-
Specific fuel consumption by tractor, kg/ha (maximum)	1,5	1,1	0,57	1,0
MACHINE CONFIGURATION:				
Rotor guards	☑	☑	☑	☒
Swath forming apron	☑	☒	☑	☒
Presence of rotor	☑	☑	☑	☒
Telescopic cardan shaft	☑	☑	☑	☒
Presence of hydraulic system	☑	☑	☑	☑
Chain drive	☑	☑	☑	☒
Belt drive	☑	☑	☑	☒
Balancing running system	☑	☑	☑	☒
Rotary gearbox	☒	☒	☑	☒
Working wheels	☒	☒	☒	☑
OVERALL DIMENSIONS OF THE MACHINE (IN WORKING POSITION), MM (MAXIMUM)				
Length	5000	4600	8200	7100
Width	4800	6600	7400	7560
Height	1700	1450	1700	1550
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM (MAXIMUM)				
Length	5000	7150	8800	7000
Width	2150	1800	2150	2500
Height	2600	2280	2600	1750
WEIGHT OF THE MASHINE (WITHOUT SPARE PARTS AND EXTENSIONS), KG				
900	1100	1840	1350	
Type of hitching device	TSU-1Z	TSU-1Z	TSU-1Z	TSU-1Z
 TRACTOR PULLING CLASS POWER	0,9-1,4 ≈ 50-88 hp	0,9-1,4 ≈ 50-88 hp	0,9-1,4 ≈ 50-88 hp	0,9-1,4 ≈ 50-88 hp

BALERS

DISTINCTIVE FEATURES:

- ✓ Type: semi-trailer
- ✓ Reinforced pickup with rubber support roller
- ✓ Reinforced drive chains
- ✓ Overload protection for working mechanisms

CONFIGURE-TO-ORDER:

- Bale counter
- Additional rear light for nighttime operation
- Wheel beam with two large wheels (out of machine dimensions)
- Bale loading device for trailer, with loop for attachment

MODEL VARIANTS:

PPT-160 "BEAVER" – square pickup baler



PPT-160 "BEAVER"

DISTINCTIVE FEATURES:

- ✓ Type: semi-trailer
- ✓ Functional capabilities for twine wrapping
- ✓ Constant chamber pressing system
- ✓ Chain and slat pressing mechanism
- ✓ Unified hydraulic system

CONFIGURE-TO-ORDER:

- Tire type 13.0/75-16
- Information and control system
- Reinforced pickup with rubber support rollers
- Reinforced pressing mechanism

MODEL VARIANTS:

PR-F-110M – round pickup baler



PR-F-110M

DISTINCTIVE FEATURES:

- ✓ Type: semi-trailer
- ✓ Functional capability for twine and net wrapping
- ✓ Constant chamber pressing system
- ✓ Chain and slat pressing mechanism
- ✓ Unified hydraulic system

CONFIGURE-TO-ORDER:

- Tire type 13.0/75-16
- Information and control system
- Reinforced pickup with rubber support rollers
- Reinforced pressing mechanism

MODEL VARIANTS:

PR-F-110S- pickup baler with twine or net wrapping



PR-F-110S

DISTINCTIVE FEATURES:

- ✓ Type: semi-trailer
- ✓ Functional capability for twine wrapping
- ✓ Constant chamber pressing system
- ✓ Chain and slat pressing mechanism
- ✓ Unified hydraulic system

CONFIGURE-TO-ORDER:

- Tire type 13.0/75-16
- Information and control system
- Reinforced pressing mechanism
- Reinforced pickup with rubber support rollers

MODEL VARIANTS:


PR-F-145M- round pickup baler



PR-F-145M

ROUND BALERS AND THEIR MODIFICATIONS WITH CONSTANT AND VARIABLE PRESSING CHAMBER TYPES ARE DESIGNED FOR PICKING UP HAY, STRAW, AND CURED GRASS ROLLS, COMPACTING THEM INTO ROLLS, AND SUBSEQUENTLY WRAPPING WITH TWINE OR NET. THE PPT-160 "BEAVER" SQUARE PICKUP BALER IS INTENDED FOR PICKING UP AND PRESSING ROLLS OF HAY, NATURAL GRASSES, AND STRAW INTO RECTANGULAR BALES WITH TWINE BINDING.

TECHNICAL SPECIFICATIONS

	PPT-160«BEAVER»	PR-F-110M	PR-F-110S	PR-F-145M
Type	semi-trailer	semi-trailer	semi-trailer	semi-trailer
Roll size (diameter/length), cm	-	110/120	110/120	145/120
Bale size (length/width/height), cm	30-130/46 ⁺³ /36 ⁺³	-	-	-
Pressing chamber cross-section (width-height), mm	460 ⁺⁵ /360 ⁺⁵	-	-	-
Constructive operating width, cm	165±2,5	145	145	145
Track width, mm	2310±25	2050±50	2050±50	2050±50
Working speed, km/h	5-10	4-10	4-10	4-10
Transport speed, km/h, maximum	15	15	15	15
Pressing density on hay, kg/m ³	150-200	85-175	85-175	120-180
Pressing density on straw, kg/m ³	80-150	55-115	55-115	80-120
Pressing density on cured grass, kg/m ³	-	-	-	-
Weight of roll (bale) on hay, kg	33	120-200	120-200	220-370
Weight of roll (bale) on straw, kg	26,5	80-130	80-130	150-240
Weight of roll on cured grass, kg	-	-	-	-
Completeness of pickup of harvested mass on hay, straw, cured grass, %, minimum	-	98	98	98
Completeness of pickup of harvested mass on straw, %, minimum	-	95	95	95
Power consumption, kW	22	30	30	35
Productivity per hour of main time on hay, tons, minimum	7,0	3,1	3,3	3,8
Productivity per hour of main time on straw, tons, minimum	4,0	2,2	2,5	2,8
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Ground clearance (over pickup skids), mm	230	300	300	300
MACHINE CONFIGURATION:				
Telescopic cardan	☑	☑	☑	☑
Universal control system SUUP-P.02	☑	☑	☑	☑
Twine wrapping	☑	☑	☑	☑
Net wrapping	☒	☒	☑	☒
Polymer film wrapping	☒	☒	☒	☒
Detachable drawbar	☒	☑	☒	☑
Tire type 9.00-16/10.00-16	☑	☑	☑	☑
Tire type 16x6.5-8	☒	☒	☒	☒
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length	4120	4030	4030	4150
Width	2725	2300	2300	2300
Height	1665	2200	2200	2400
WEIGHT (WITHOUT SPARE PARTS AND ADDITIONAL CONFIGURATION), KG				
 TRACTOR PULLING CLASS POWER	0,9-1,4 ≈ 50-88 hp	0,9-1,4 ≈ 50-88 hp	1,4 ≈ 80-88 hp	0,9-1,4 ≈ 50-88 hp

ROUND BALERS

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Functional capability for wrapping with twine and net
- ✔ Constant chamber pressing system, chain and slat pressing mechanism
- ✔ Unified hydraulic system

CONFIGURE-TO-ORDER:

- Tire type 13.0/75-16
- Information and control system
- Reinforced pickup with rubber support rollers
- Reinforced pressing mechanism

MODEL VARIANTS:

PR-F-145S- Round pickup baler



PR-F-145S

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Increased width of the pickup baler
- ✔ Functional capability for wrapping sleeves with twine or net
- ✔ Reinforced pressing mechanism
- ✔ Universal control bale press system SUUP-P.02

КОМПЛЕКТАЦИЯ:

- Tire type 13.0/75-16
- Information and control system
- Reinforced pickup with rubber support rollers
- Reinforced pressing mechanism

MODEL VARIANTS:

PR-F-145SSH - Bale press with twine or net wrapping, and with increased pickup width 190 cm



PR-F-145SH

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Functional capability for twine wrapping
- ✔ Constant chamber pressing system
- ✔ Chain and slat pressing mechanism
- ✔ Unified hydraulic system

CONFIGURE-TO-ORDER:

- Tire type 13.0/75-16
- Information and control system
- Reinforced pickup with rubber support rollers

MODEL VARIANTS:

PR-F-180M – round pickup baler



PR-F-180M

ROUND BALERS AND THEIR MODIFICATIONS WITH CONSTANT PRESSING CHAMBER TYPE ARE DESIGNED FOR PICKING UP HAY AND STRAW SWATHS, COMPACTING THEM INTO ROLLS, AND SUBSEQUENTLY WRAPPING WITH TWINE OR NET (PR-F-145SSH).

TECHNICAL SPECIFICATIONS

	PR-F-145S	PR-F-145SH	PR-F-180M
Тип	semi-trailer	semi-trailer	semi-trailer
Roll size (diameter/length), cm	145/120	145/120	180/150
Bale size (length/width/height), cm	-	-	-
Pressing chamber cross-section (width-height), mm	-	-	-
Constructive operating width, cm	145	190	165
Track width, mm	2050±50	2050±50	2200±25
Working speed, km/h	4-10	4-10	4-10
Transport speed, km/h, maximum	15	15	15
Pressing density on hay, kg/m³	120-180	120-200	120-180
Pressing density on straw, kg/m³	80-120	80-120	80-100
Pressing density on cured grass, kg/m³	-	-	-
Weight of roll (bale) on hay, kg	220-370	220-370	450-700
Weight of roll (bale) on straw, kg	150-240	150-240	300-400
Weight of roll on cured grass, kg	-	-	-
Completeness of pickup of harvested mass on hay, straw, cured grass, %, minimum	98	98	98
Completeness of pickup of harvested mass on straw, %, minimum	95	95	95
Power consumption, kW	38	38	45
Productivity per hour of main time on hay, tons, minimum	4,6	4,6	12,6
Productivity per hour of main time on straw, tons, minimum	3,6	3,6	9,1
Working pressure in the hydraulic system, MPa, maximum	16	16	16
Ground clearance (over pickup skids), mm	300	300	300
MACHINE CONFIGURATION:			
Telescopic cardan	✓	✓	✓
Universal control system SUUP-P.02	✓	✓	✗
Twine wrapping	✓	✓	✓
Net wrapping	✓	✓	✗
Polymer film wrapping	✗	✗	✗
Detachable drawbar	✗	✗	✓
Tire type 9,00-16/10,00-16	✓	✓	✓
Tire type 16x6,5-8	✗	✓	✗
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:			
Length	4350	4350	4100
Width	2300	2370	2500
Height	2400	2400	2800
WEIGHT (WITHOUT SPARE PARTS AND EXTENSIONS), KG	2220±50	2750±60	2350±60
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	2 ≈ 130 hp	2 ≈ 130 hp

MACHINES FOR PACKAGING AND GRINDING OF GRAIN AND VARIOUS FEEDS

MACHINES FOR PACKAGING AND GRINDING

DISTINCTIVE FEATURES:

- ☞ Type: semi-trailer
- ☞ Packaging of feed into a polymer sleeve with a diameter of 2.7 m and a length of up to 75 m
- ☞ Adjustable density of baling

MODEL VARIANTS:

- USM-1 - packer for silage and/or raw sugar beet pulp;
- USM-1-1 - packer for wet rolled grain (a receiving hopper is installed instead of the feeding conveyor)



USM-1

GRAIN GRINDERS

DISTINCTIVE FEATURES:

- ☞ Type: semi-trailer
- ☞ 100% crushing of grain
- ☞ Adjustment of grinding degree using interchangeable screens
- ☞ Possibility of adding preservative during the grinding of grain
- ☞ Ability to fill the preservative tank using the installation pump

MODEL VARIANTS:

- IUVZ-20M - mobile wet grain grinder with a capacity of 20 tons per hour, featuring the function of laying crushed mass into a hermetic polymer sleeve with a diameter of 1.5 m
- IUVZ-10M - mobile wet grain grinder with a capacity of 10 tons per hour, featuring the function of laying crushed mass into a hermetic polymer sleeve with a diameter of 1.5 m



IUVZ-20M

FORK BUCKET

DISTINCTIVE FEATURES:

- ☞ Type: mounted
- ☞ The use of a separator for cutting bales of hay, straw, and silage is permitted
- ☞ Compatible with front loaders of the AMKODOR-342-C type

TECHNICAL SPECIFICATIONS:


Bulk density of feed, kg/m3	500-700
Moisture content of feed, %	50-70
Capacity, m3	1,7
Working width, mm	1800
Height of opening, mm	1300
Number of front knives, pcs	9
OVERALL DIMENSIONS (L/W/H), MM:	1850/2050/1450
WEIGHT, KG	1500




KV-1.8

PACKERS ARE DESIGNED FOR STORING CRUSHED SILAGE AND HAY MASS, RAW SUGAR BEET PULP, AND WET ROLLED GRAIN IN A POLYMER SLEEVE (USM-1). IUVZ-20M IS INTENDED FOR GRINDING GRAIN OF WHEAT, RYE, CORN, BARLEY, OATS, TRITICALE AND THEIR MIXTURES WITH MOISTURE UP TO 35% FOR THE PREPARATION OF FEEDING FOR CATTLE, PIGS OR POULTRY. KV-1.8 IS INTENDED FOR SEPARATING SILAGE OR HAY FROM THE TOTAL MASS

TECHNICAL SPECIFICATIONS

	USM-1
Тип	semi-trailer
Frequency of compactor rotation, s-1	0,6±0,05
Tractor PTO rotation frequency, rpm	1000
Diameter of compactor, mm	540±10
Working length of compactor, mm	2530±20
Working pressure in the hydraulic system, MPa, maximum	16,0
Transport speed, km/h, maximum	5,0
Feed density in the sleeve, kg/m³	450-650
Moisture content of the silage and hay mass stored for preservation	55-75
Moisture content of raw sugar beet pulp stored for preservation	70-80
Amount of silage and hay mass, raw sugar beet pulp loaded into the sleeve (with a diameter of 2.7 m, length 75 m, moisture 75%), tons	185-250
Pressure in the filling density regulation system, MPa	1-60
Performance per hour of main time for packing silage, tons, minimum	40
Performance per hour of main time for packing haylage, tons, minimum	30
Performance per hour of main time for packing raw sugar beet pulp, tons	90
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:	
Length (in transport/ working position)	7600/5650
Width (in transport/ working position)	2400/6800
Height (in transport/ working position)	3700/3600
WEIGHT, kg	8500
 TRACTOR PULLING CLASS POWER	2
	≈ 130 hp

	IUVZ-20M
Type	semi-trailer
Performance per hour of shift time (depending on moisture), tons	18
Rated power of the drive, kW, maximum	90
Volume of receiving hopper, m³	2
Volume of preservative tank, l	200
Loading height, m, 2.95 minimum	2,95
Diameter of the drum with hammers, mm	540
Diameter of the discharge auger, mm	250
Frequency of drum rotation, min-1	2500-3000
Diameter of packaging sleeve for ground grain, m	1,5±0,01
Diameter of cells in interchangeable screens, mm	6,10,14,18,24
Specific electricity consumption, kW-h/t, no more than	-
Specific fuel consumption, kg/t, no more than	2
MACHINE CONFIGURATION:	
Installation for feeding preservative	✓
Packaging of crushed grain into a polymer sleeve	✓
Discharge auger	✗
Cardan shaft with overrunning and safety clutches	✓
Brake shoes	✓
Set of interchangeable screens	✓
Drive of the grinder from an electric motor	✗
Drive of the grinder from a diesel engine	✗
Drive of the grinder from the PTO of a tractor	✓
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:	
Length (in transport/ working position)	4000
Width (in transport/ working position)	2600
Height (in transport/ working position)	2900
STRUCTURAL WEIGHT, KG, MAXIMUM	2200
 TRACTOR PULLING CLASS POWER	2
	≈ 130 hp

MACHINES FOR PACKAGING AND GRINDING

GRAIN GRINDERS

BALE SHREDDERS

DISTINCTIVE FEATURES:

- ✓ Type: semi-trailer
- ✓ Availability of self-loading function when placing bales on end
- ✓ Smooth adjustment of drum rotation speed
- ✓ Presence of a removable discharge spout for loading crushed mass into a transport vehicle

CONFIGURE-TO-ORDER:

- Additional set of knives
- Remote control of drum rotation speed

MODEL VARIANTS:

IRK-145 – bale shredders for coarse feed



IRK-145

DISTINCTIVE FEATURES:

- ✓ Type: semi-trailer
- ✓ Availability of self-loading function for bales when working with the support of the last bale
- ✓ Smooth adjustment of the feeding conveyor speed
- ✓ Remote control of the feeding conveyor speed
- ✓ Two speeds of the thrower rotation
- ✓ Ability to lay crushed mass (with reduced dust) through the lower discharge window (to the left in the direction of movement)

CONFIGURE-TO-ORDER:

- Additional set of knives
- Hydraulic control of the cutting module

MODEL VARIANTS:

IGK-5M – bale shredders for coarse feed

IGK-5MP – bale shredders for coarse feed with a rotating spout



IGK-5MP

DISTINCTIVE FEATURES:

- ✓ Type: stationary
- ✓ Presence of a feeding conveyor for three bales
- ✓ Availability of self-loading function when working with the feeding conveyor
- ✓ Adjustment of drum tilt angle using a manual hydraulic drive
- ✓ Presence of a removable discharge spout for loading crushed mass into a transport vehicle

CONFIGURE-TO-ORDER:

- Additional set of knives and hammers
- Additional set of knives for chopping haylage rolls
- Frequency converter for controlling the electric motor of drum rotation (smooth speed adjustment of drum rotation)

MODEL VARIANTS:

ISS-180 – stationary bale shredder with feeding conveyor


IRSS-180 – stationary bale shredder without feeding conveyor



ISS-180

IRK-145, IGK-5M/IGK-5MP ARE DESIGNED FOR SELF-LOADING, TRANSPORTING, GRINDING BALES OF COARSE FEED, AND DISTRIBUTING CRUSHED MASS WHEN MOVING INTO FEEDING TROUGHS OR ON FEEDING TABLES, AS WELL AS FOR SUPPLYING BEDDING MATERIAL IN STALLS OR OPEN AREAS. ISS-180 IS DESIGNED FOR LOADING AND GRINDING DRY PLANT MATERIALS IN BALES IN STATIONARY MODE WITH BULK UNLOADING OR INTO A TRANSPORT VEHICLE.

TECHNICAL SPECIFICATIONS

	IRK-145	IGK-5M/ IGK-5MP
Type	semi-trailer	semi-trailer
Load capacity, kg	800	1600
Number of bales loaded, pcs.	1	2
Parameters of bales being ground (length, diameter), maximum, mm	1200/1600	1500/1800
Degree of grinding, mm (length of ground fraction)	50...200	20...200
Type of grinding component	cutter	drum
Drive of the grinding mechanism: tractor PTO (rev/min)	1000	540
Feeding distance, m, maximum	6	16,0
Hydraulically controlled roll loading	+	+
Additional grinding system	-	+
Track width, mm	1750	1920
Ground clearance, mm	300	300
Brake system	-	+
Maximum speed, km/h	25	15
Performance when grinding rolls, pcs/h	up to 7	up to 12
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM		
Length	3800	4950
Width	2400	2260
Height	2600	2610
WEIGHT, KG	1550	3350
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp

	ISS-180
Type	stationary
Drive of the grinding mechanism	electric
Drive of the feeding conveyor	electric
Load capacity, kg	800
Number of loaded rolls, pcs	1
Capacity of the feeding conveyor, number of rolls, pcs.	3
Parameters of rolls being ground (length, diameter), no more than, mm	1500/1800
Density of the roll, kg/m3	150-400
Degree of grinding (depending on screen cells (Ø 22,Ø 26,Ø 36), mm	10...36
Power consumption, kWt, maximum	47,6
Type of grinding mechanism	rotor with knives and hammer crushing mechanism
Moisture content of materials in bales, %, maximum	35
Discharge completeness, %, minimum	98
Performance when grinding rolls, pcs./h	up to 6
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:	
Length (with feeding conveyor/without conveyor)	9000/3700
Width (in transport/ working position)	2600
Height (in transport/ working position)	3000
WEIGHT, KG	3200

FEED MIXERS

DISTINCTIVE FEATURES:

- ✓ Hopper capacity: 8 m³
- ✓ Availability of electronic weighing system
- ✓ One vertical mixing screw
- ✓ Discharge conveyor
- ✓ Wall thickness of the hopper 8 mm

CONFIGURE-TO-ORDER:

- Without electronic weighing system

MODEL VARIANTS:

SRV-8- feed mixer with discharge conveyor



SRV-8

DISTINCTIVE FEATURES:

- ✓ Hopper capacity: 8 m³
- ✓ Availability of electronic weighing system
- ✓ One vertical mixing screw
- ✓ Discharge conveyor
- ✓ Wall thickness of the hopper 8 mm

CONFIGURE-TO-ORDER:

- Without electronic weighing system

MODEL VARIANTS:

SRV-8B- feed mixer with two discharge windows



SRV-8B

DISTINCTIVE FEATURES:

- ✓ Hopper capacity: 12 m³
- ✓ Availability of electronic weighing system
- ✓ Two vertical screws
- ✓ Wall thickness of the hopper 8 mm

CONFIGURE-TO-ORDER:

- Without electronic weighing system
- Restrictive rim (preventing spillage of feed mixture)

MODEL VARIANTS:

ISRV-12- feed mixer


ISRV-12-1 - feed mixer with reducing gearbox for screw drive



ISRV-12

FEED MIXERS SRV-8, ISRV-12 ARE DESIGNED FOR LOADING, MIXING, TRANSPORTING, AND DISTRIBUTING MIXTURES OF STEM AND CONCENTRATED FEEDS WITH A SYNDICATION OF THEIR MASS.

TECHNICAL SPECIFICATIONS

	SRV-8	SRV-8B	ISRV-12
Type	semi-trailer	semi-trailer	semi-trailer
Load capacity (constructive), kg, maximum	3000	3000	4500
Hopper capacity, m³	8±0,5	8±0,5	12±0,5
Loading height, mm, maximum	2800	2600	2600
Ground clearance, mm, maximum	250	300	250
Track width, mm	1775±25	1760±25	1775±25
Static vertical load on the tractor hitch (hitch-2v (fork), kn, maximum	20	14	20
Maximum height of feed mixture delivery through the right discharge window, m	0,75	-	0,75
Working speed (during the feed mixture distribution), km/h	3	3	3
Transport speed, km/h	12	12	12
Preservation of the feed mixture during transportation, %	100	100	100
Discharge completeness, %	98	98	98
Minimum feed output limit, kg/linear m	5,0	7,5	5,0
Maximum feed output limit, kg/linear m	35	35	35
Mixing time after loading completion, min	5-7	5-7	5-7
Unevenness of feed mixing, %	20	20	20
Unevenness of feed distribution along the feed line length, %	16	16	20
Irreversible feed losses during distribution, %	not allowed	not allowed	not allowed
Working pressure in the hydraulic system, MPa, maximum	16	16	16
Requirements for the control system for component loading mass indication, lower limit, kg, maximum	5	5	5
Requirements for the control system for component loading mass indication, upper limit, kg, maximum	4500	4500	4500
Permissible error of the control system for component loading mass indication, kg, maximum	±5	±5	±5
Dimensions of the coupling loop (D x S), mm	50 ⁺⁵ x 30 ⁺²	50 ⁺⁵ x 30 ⁺²	50 ⁺⁵ x 30 ⁺²
Performance during loading, mixing, distribution, t/h	9	9	16
Power consumption, kWt, maximum	50	50	50
MACHINE CONFIGURATION:			
Telescopic cardan shaft	☑	☑	☑
Electronic weighing mechanism	☑	☑	☑
Presence of a viewing platform and ladder	☑	☑	☑
Manual parking brake	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:			
Length	4400	4500	5900
Width (in transport position)	2300	2250	2300
Width (in working position)	2300	2250	2300
Height	2800	2600	2600
WEIGHT (WITHOUT SPARE PARTS AND EXTENSIONS), KG	3100	2900	4900
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp

FEED MIXERS

DISTINCTIVE FEATURES:

- ✓ Hopper capacity: 12 m³
- ✓ Availability of electronic weighing system
- ✓ Two horizontal screws
- ✓ Discharge conveyor to the right side

CONFIGURE-TO-ORDER:

- Two discharge conveyors on both sides
- Two discharge chutes on both sides
- Without electronic weighing system
- Presence of retainers (to prevent feed spillage), 2 pcs

MODEL VARIANTS:

- PCK-12-1 - feed mixer with autonomous oil station
- PCK-12-2- feed mixer with discharge on both sides
- RSK-12-3- feed mixer with grapple loader
- RSK-12-4- feed mixer with two-speed gearbox



RSK-12-2

DISTINCTIVE FEATURES:

- ✓ Hopper capacity: 17 m³
- ✓ Availability of electronic weighing system
- ✓ Two horizontal screws
- ✓ Discharge conveyor to the right side

CONFIGURE-TO-ORDER:

- Two discharge conveyors on both sides
- Two discharge chutes on both sides
- Without electronic weighing system

MODEL VARIANTS:

- RSK-17 – feed mixer



RSK-17

DISTINCTIVE FEATURES:

- ✓ Hopper capacity: 12 m³
- ✓ Availability of electronic weighing system
- ✓ Two horizontal screws
- ✓ Discharge conveyor to the right side

CONFIGURE-TO-ORDER:

- Two discharge conveyors on both sides
- Two discharge chutes on both sides
- Without electronic weighing system

MODEL VARIANTS:

- PRSK-12- feed mixer with loading cutter



PRSK-12

DISTINCTIVE FEATURES:

- ✓ Possibility of cargo transportation
- ✓ Possibility of rear discharge (through the rear board)
- ✓ Reversible operation of longitudinal conveyor
- ✓ Adjustable speed of longitudinal conveyor

CONFIGURE-TO-ORDER:

- Change of track width

MODEL VARIANTS:


- KR-F-10-1- feed mixer with reduced overall dimensions
- KR-F-10-2- feed mixer



KR-F-10-2

FEED MIXERS ARE DESIGNED FOR LOADING (PRSK-12, RSK-12-3), REGRINDING (PRSK-12, RSK-12-1, RSK-12-2, RSK- 12-3, RSK-12-4, RSK-17), MIXING, TRANSPORTING, AND DISTRIBUTING MIXTURES OF STEM AND CONCENTRATED FEEDS WITH SYNDICATION OF THEIR MASS (EXCEPT KR-F-10-1, KR-F-10-2).

TECHNICAL SPECIFICATIONS

	RSK-12-2	RSK-17	PRSK-12	KRF-10-2
Type	semi-trailer	semi-trailer	semi-trailer	semi-trailer
Load capacity (constructive), kg, maximum	4300	6100	4300	4300
Hopper capacity, m3	12±0,5	17±0,5	12±0,5	10±0,5
Loading height, mm, maximum	2500	2650	2500	2550
Ground clearance, mm, maximum	250	250	300	300
Maximum height of cutter lift, mm, maximum	-	-	3500	-
Track width, mm	1575±25	1675±25	1675±25	1680±25
Static vertical load on the tractor hitch (hitch-2 (hydraulic hook), kn, maximum	-	-	-	14
Static vertical load on the tractor hitch (hitch-2v (fork), kn, maximum	14	20	20	-
Maximum height of feed mixture delivery through the right discharge window, m	0,75	0,75	0,75	0,75
Maximum height of feed mixture delivery through the left discharge window, m	feed table	feed table	feed table	-
Working speed (during the feed mixture distribution), km/h	3	3	3	3
Transport speed, km/h	10	10	10	25
Preservation of the feed mixture during transportation, %	100	100	100	100
Discharge completeness, %	98	98	98	98
Minimum feed output limit, kg/linear m	7,5	7,5	7,5	7,5
Maximum feed output limit, kg/linear m	35,0	35,0	35,0	35,0
Mixing time after loading completion, min	5-7	7-10	5-7	-
Unevenness of feed mixing, %	20	20	20	-
Unevenness of feed distribution along the feed line length, %	16	16	20	-
Irreversible feed losses during distribution, %	not allowed	not allowed	not allowed	not allowed
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Working pressure in the hydraulic system of the cutter rotation, Mpa, maximum	-	-	23	-
Requirements for the control system for component loading mass indication, lower limit, kg, maximum	5	5	5	-
Requirements for the control system for component loading mass indication, upper limit, kg, maximum	4500	10000	4500	-
Permissible error of the control system for component loading mass indication, kg, maximum	±5	±5	±5	-
Dimensions of the coupling loop (D x S), mm	50 ⁺⁵ x 30 ⁺²	50 ⁺⁵ x 30 ⁺²	50 ⁺⁵ x 30 ⁺²	50 ⁺⁵ x 30 ⁺²
Performance during self-loading, mixing, and distribution, t/h	-	-	10	-
Performance during loading, mixing, distribution, t/h	20,5	23,6	20,5	11,3
Power consumption, kWt, maximum	50	70	50	30
MACHINE CONFIGURATION:				
Telescopic cardan shaft	☑	☑	☑	☑
Electronic weighing mechanism	☑	☑	☑	☑
Manual parking brake	☑	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length	6100	6950	7300	6700
Width (in transport position)	2070	2070	2070	2250
Width (in working position)	2500	2500	2500	2250
Height (in working position)	2500	2650	2500	2550
WEIGHT (WITHOUT SPARE PARTS AND EXTENSIONS), KG:	4300	4900	5300	2850
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	2 ≈ 130 hp	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp

MACHINES FOR FLAX HARVESTING

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Three-section configuration
- ☑ Tines with spring teeth
- ☑ Operating width 4.5 m

MODEL VARIANTS:

VLN-4.5 - the flax ribbon loosener is designed for pulling the flax ribbon on the flax field to reduce the moisture content of the stems and improve the conditions for their collection.



VLN-4.5

DISTINCTIVE FEATURES:

- ☑ Type: semi-trailer
- ☑ Wrapping belt conveyor
- ☑ Safety clutch
- ☑ Width of teasing 1.5 m

CONFIGURE-TO-ORDER:

- Rubber technical products (replaceable pressing belts)

MODEL VARIANTS:

OL-140 - the flax ribbon wrapper is designed for wrapping flax straw ribbons during the curing process in a windrow, as well as before collecting grass to ensure natural drying and improve harvesting conditions.



OL-140

DISTINCTIVE FEATURES:

- ☑ Type: semi-trailer
- ☑ Variable type pressing chamber
- ☑ Ability to adjust pressing density in the roll
- ☑ Working width 1.3 m / number of belts 1 pc
- ☑ Adapted to the agronomic condition of low-yield flax crops in the Russian Federation and the Republic of Belarus

CONFIGURE-TO-ORDER:

- Rubber technical products (replaceable pressing belts)

MODEL VARIANTS:

PRL-150 – pickup baler with a variable volume pressing chamber for preparing flax straw bales with two strands of twine laid between the layers in the bale and subsequent external binding.

PRL-150AM – pickup baler equipped with an information and control system


PRL-150MG - baler equipped with a hydraulic drive with a microprocessor control system.





PRL-150

THE FLAX RIBBON LOOSENER VLN-4.5 IS DESIGNED FOR PULLING THE FLAX RIBBON ON THE FLAX FIELD TO REDUCE THE MOISTURE CONTENT OF THE STEMS AND IMPROVE THEIR COLLECTION CONDITIONS. THE FLAX RIBBON WRAPPER OL-140 IS DESIGNED FOR WRAPPING FLAX STRAW RIBBONS DURING CURING IN A WINDROW AND BEFORE COLLECTING THE STRAW. PICKUP BALERS OF THE PRL SERIES ARE DESIGNED FOR COLLECTING FLAX STRAW WITH PRESSING INTO CYLINDRICAL BALES WITH TWO STRANDS OF TWINE LAID BETWEEN THE LAYERS IN THE BALE AND SUBSEQUENT EXTERNAL BINDING.

TECHNICAL SPECIFICATIONS

	OL-140
Type	semi-trailer
Minimum conveyor belt width, mm	150
Minimum conveyor roll height, mm	50
Ground clearance, mm, minimum	300
Maximum turning radius, m	12
Working speed, km/h, maximum	8,0
Transport speed, km/h, maximum	15
Hourly performance during main time (with teasing width of 1.5 m, length of the windrow 600-1000 m), ha/h	1,20
Working pressure in the hydraulic system, MPa, maximum	16,0
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:	
Length (in transport/in working position)	5300/5300
Width (in transport/in working position)	3740/3740
Height (in transport/ in working position)	2000/1980
WEIGHT, KG:	980
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp

	VLN-4.5
Type	mounted
Ground clearance, mm, minimum	300
Working speed, km/h	6-10
Transport speed, km/h, не более	15
Hourly performance during main time, ha/h	2,7-5,4
Working pressure in the hydraulic system, MPa, maximum	16,0
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:	
Length in working position	2050
Width in working position	4400
Height in working position	1000
Length in transport position	2050
Width in transport position	4400
Height in transport position	1310
WEIGHT (WITHOUT SPARE PARTS), KG:	1450
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp

	PRL-150	PRL-150AM	PRL-150MG
Type	semi-trailer	semi-trailer	semi-trailer
Working speed, km/h	6,0-10,0	10,0-15,0	10,0-15,0
Transport speed, km/h, maximum	15	15	15
Design width of the picker's working width, m (number of belts)	1,3 (1)	1,3 (1)	1,3 (1)
Track width, mm	2000±25	2000±25	2200±25
Ground Clearance (over pickup skids), mm	250	250	250
Working pressure in the hydraulic system, MPa, maximum	16,0	16,0	23,0
PTO rotation frequency, rpm	540	540	1000
Roll parameters (weight, kg / diameter, cm / width, cm)	220±50/150/120	220±50/150/120	220±50/150/120
Density of the roll, kg/m ³	90-120	90-120	90-120
Roll conicity coefficient	0,93-1,06	0,93-1,06	0,93-1,06
Roll contamination rate, %, maximum	3,0	3,0	3,0
Belt stretch in the roll, times, maximum	1,3	1,3	1,3
Twine consumption for external roll binding (with linear density 4,500 tex, ∅1.5 m and weight 250 kg), kg/t	1,4	1,4	1,4
Twine consumption for laying two strands of twine along the entire length of the flax ribbon and external bale binding (with linear density 4500 tex, ∅1.5 m and weight 250 kg), kg/t	5,6	5,6	5,6
Hourly performance during operating time, ha	0,6	0,6	0,8
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:			
Length	3800	3800	3800
Width	2380	2380	2380
Height	2380	2380	2380
WEIGHT, KG:	2100±50	2100±50	2700±20
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp

TRACTOR SEMI-TRAILERS

DISTINCTIVE FEATURES:

- ✓ Load capacity: 6 tons
- ✓ Single-axle chassis system
- ✓ Tight body
- ✓ Sloped rear side

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Extension metal sides 200 mm high
- Increased thickness of bottom/sides
- Replaceable coupling loop

MODEL VARIANTS:

PST-6- tractor semi-trailer with a loading capacity of 6 tons



PST-6


DISTINCTIVE FEATURES:

- ✓ Load capacity: 9.5 tons
- ✓ Dual-axle chassis system
- ✓ The rear side rises automatically when the body is lifted
- ✓ The rear side has hinged doors for manual loading/unloading of cargo

CONFIGURE-TO-ORDER:

- Hydraulic rear side
- Rear side with screw device PNSH-1-01 for mechanized loading of sowing aggregates
- Extension metal sides 200 mm high
- Extension mesh sides 800 mm high
- Dual-line pneumatic brake system
- Hydraulic brake system
- Spring-balancer suspension
- Plastic mudguards

MODEL VARIANTS:

 PST-9 - tractor semi-trailer with a loading capacity of 9.5 tons



PST-9

DISTINCTIVE FEATURES:

- ✓ Load capacity: 12 tons
- ✓ Dual-axle chassis system
- ✓ The rear side rises automatically when the body is lifted
- ✓ The rear side has hinged doors for manual loading/unloading of cargo

CONFIGURE-TO-ORDER:

- Hydraulic rear side
- Rear side with screw device PNSH-1-01 for mechanized loading of sowing aggregates
- Extension metal sides 200 mm high
- Extension mesh sides 800 mm high
- Dual-line pneumatic brake system
- Hydraulic brake system
- Spring-balancer suspension
- Plastic mudguards

MODEL VARIANTS:


 PST-12- tractor semi-trailer with a loading capacity of 12 tons



PST-12

TRACTOR SEMI-TRAILERS ARE DESIGNED FOR TRANSPORTING AGRICULTURAL MATERIALS ON LOCAL ROADS OF CATEGORIES IV-VI AND IN FIELD CONDITIONS (WITHOUT ACCESS TO ROADS OF CATEGORIES I-III).

TECHNICAL SPECIFICATIONS

	PST-6	PST-9	PST-12
Type	semi-trailer	semi-trailer	semi-trailer
Load capacity, tons, maximum	6,0	9,5	12,0
Distribution of total mass on the coupling loop with nominal load on supports, kg, maximum	1050	1300	1800
Distribution of total mass on the chassis system with nominal load on supports, kg, maximum	6725	11660	13780
Internal dimensions of the body (length/width/height), m	3,8/1,895/1,286	4,65/2,135/1,05	4,65/2,135/1,3
Body capacity, full with extension sides, m³	-	12,5/17,5	14,5/19,5
Body capacity, without extension sides, m³	7,0±0,3	10,5±0,3	12,5±0,3
Thickness of the bottom/sides, mm	3/3	3/2	3/2
Size of extension sides, mm	-	200/800	200/800
Transport speed, km/h, maximum	25	25	25
Loading height at the bottom of the body, mm, maximum	750	1275	1275
Loading height at the sides, mm, maximum	2050	2325	2575
Ground clearance, mm, minimum	300	300	300
Tire type	16,5/70-18HC10	16,5/70-18HC10	16,5/70-18HC14
Tire pressure	0,37±0,01	0,32±0,01	0,41±0,01
Distance between axles	-	1110(1250)	1110(1250)
Track width, mm	2040±25	2050±25	2050±25
Minimum turning radius, m	-	-	-
Angle of body lift, minimum	84°	50°	50°
Lifting time of the body (when supplying working fluid 50 l/min), s, maximum	15	30	30
Working pressure in the hydraulic system, MPa, maximum	16	16	16
Dimensions of the coupling loop (D x S), mm	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)
Completeness of unloading of the body without manual cleaning, %, minimum	99	99	99
Hourly performance during main time, tons, minimum	90	135	175
MACHINE CONFIGURATION:			
Single-line pneumatic brake system	☑	☑	☑
Mechanical parking brake	☑	☑	☑
Light signaling equipment	☑	☑	☑
Chassis	☑	☑	☑
Body	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM, MAXIMUM:			
Length	5145	6000	6000
Width	2500	2500	2500
Height	2050	2415	2665
WEIGHT (WITHOUT SPARE PARTS), KG:			
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	2 ≈ 130 hp

TRACTOR SEMI-TRAILERS


DISTINCTIVE FEATURES:

- ✓ Load capacity 12 tons
- ✓ Dual-axle chassis system
- ✓ Side boards have rubber seals
- ✓ Composite side boards (lower, upper)
- ✓ Forced closing of the lower side board
- ✓ Spring chassis system

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Increased thickness of bottom/sides
- Replaceable coupling loop
- Mounting for spare wheel
- Towing device for coupling in a road train with trailer PSTB-17

MODEL VARIANTS:

 PSTB-12- tractor semi-trailer with a loading capacity of 12 tons



PSTB-12

DISTINCTIVE FEATURES:

- ✓ Load capacity 14 tons
- ✓ Dual-axle chassis system
- ✓ Low-pressure tires
- ✓ Hydraulic rear tailgate

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Extension metal sides 560 mm high
- Extension mesh sides 560 mm high
- Increased thickness of bottom/sides
- Replaceable coupling loop
- Rear inspection hatch

MODEL VARIANTS:

PST-14- tractor semi-trailer with a loading capacity of 14 tons



PST-14

DISTINCTIVE FEATURES:

- ✓ Load capacity 18 tons
- ✓ Dual-axle chassis system
- ✓ Low-pressure tires
- ✓ Hydraulic rear tailgate

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Extension metal sides 560 mm high
- Extension mesh sides 560 mm high
- Increased thickness of bottom/sides
- Replaceable coupling loop
- Rear inspection hatch

MODEL VARIANTS:

PST-18- tractor semi-trailer with a loading capacity of 18 tons



PST-18

DISTINCTIVE FEATURES:

- ✓ Load capacity 24 tons
- ✓ Three-axle chassis system
- ✓ Low-pressure tires
- ✓ Reduced load on the tractor's towing hitch
- ✓ Increased lateral stability
- ✓ Hydraulic rear tailgate

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Extension metal sides 560 mm high
- Extension mesh sides 560 mm high
- Increased thickness of bottom/sides
- Replaceable coupling loop
- Rear inspection hatch

MODEL VARIANTS:

PST-24- tractor semi-trailer with a loading capacity of 24 tons




PST-24

TRACTOR SEMI-TRAILERS ARE DESIGNED FOR TRANSPORTING VARIOUS AGRICULTURAL AND CONSTRUCTION CARGOES (BULK AND LOOSE) ON LOCAL ROADS OF CATEGORIES IV-VI AND IN FIELD CONDITIONS (WITHOUT ACCESS TO ROADS OF CATEGORIES I-III).

TECHNICAL SPECIFICATIONS

TRACTOR SEMI-TRAILERS

	PSTB-12	PST-14	PST-18	PST-24
Type	semi-trailer	semi-trailer	semi-trailer	semi-trailer
Load capacity, tons, maximum	12,0	14,0	18,0	24,0
Distribution of total mass on the coupling loop with nominal load on supports, kg, maximum	1800	3000	3000	2000
Distribution of total mass on the chassis system with nominal load on supports, kg, maximum	14900	15500	20000	29200
Internal dimensions of the body (length/width/height), m	5,59/2,235/1,195	4,75/2,246/1,26	5,5/2,246/1,26	7,1/2,246/1,260
Body capacity, full with extension sides, m³	-	18,9	22,3	28,9
Body capacity, without extension sides, m³	15,0±0,3	13,0±0,5	15,5±0,75	20,0±0,3
Thickness of the bottom/sides, mm	3/2	3/2	3/2	3/2
Size of extension sides, mm	-	560	560	560
Transport speed, km/h, maximum	25	25	25	25
Loading height at the bottom of the body, mm, maximum	1450	1550	1550	1550
Loading height at the sides, mm, maximum	2670	2850	2850	2850
Ground clearance, mm, minimum	300	300	300	300
Tire type	16,5/70-18HC14	20/60-22,5HC12	20/60-22,5HC16	20/60-22,5HC16(24.0/50-22,5HC12)
Tire pressure	0,41±0,01	0,22±0,01	0,32±0,01/0,24±0,01	0,24±0,01/0,32±0,01
Distance between axles	1250	1400	1400	1400
Track width, mm	2040±25	2025±25	2025±25/1925±25	2025±25/1925±25
Angle of body lift, minimum	45°	50°	50°	50°
Lifting time of the body (when supplying working fluid 50 l/min), s, maximum	30	45	45	50
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Dimensions of the coupling loop (D x S), mm	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)
Completeness of unloading of the body without manual cleaning, %, minimum	99	99	99	99
Hourly performance during main time, tons, minimum	175	200	250	325
MACHINE CONFIGURATION:				
Single-line pneumatic brake system	☑	☑	☑	☑
Mechanical parking brake	☑	☑	☑	☑
Light signaling equipment	☑	☑	☑	☑
Anti-roll blocks	☑	☑	☑	☑
Mounting for spare wheel	☒	☒	☒	☒
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM, MAXIMUM:				
Length	7600	6500	7250	9200
Width	2500	2550	2550	2550
Height	2750	2850	2850	2850
WEIGHT (WITHOUT SPARE PARTS), KG:	4500	4500	5000	7200
 TRACTOR PULLING CLASS POWER	2 ≈ 130 hp	2 ≈ 130 hp	3-4 ≈ 155-212 hp	5 ≈ 265 hp

TRACTOR TRAILERS

DISTINCTIVE FEATURES:

- ✓ Load capacity: 4.5 tons
- ✓ Dual-axle chassis system
- ✓ Spring front and rear axles
- ✓ Unloading is possible on three sides

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Increased thickness of bottom/sides
- Replaceable coupling loop
- Plastic wheel mudguards

MODEL VARIANTS:

- 2PTS-4.5- tractor trailer with a loading capacity of 4.5 tons
- 2PTS-4.5-1- tractor trailer with extension sides (side walls are covered with metal mesh) with forced opening during unloading on three sides
- 2PTS-4.5-2- tractor trailer with extension sides (side walls are covered with metal sheet) with forced opening during unloading on three sides
- 2PTS-4.5-2- tractor trailer with mesh extension sides and loading capacity 5 tons



2PTS-4,5M

DISTINCTIVE FEATURES:

- ✓ Load capacity: 6 tons
- ✓ Dual-axle chassis system
- ✓ Spring front and rear axles
- ✓ Unloading is possible on three sides

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Increased thickness of bottom/sides
- Replaceable coupling loop
- Wheel mudguards

MODEL VARIANTS:

- 2PTS-6 - tractor trailer with a loading capacity of 6 tons
- 2PTS-6A- tractor trailer with a load capacity of 6 tons, featuring increased transport speed and reduced material consumption



2PTS-6

DISTINCTIVE FEATURES:

- ✓ Load capacity: 10 tons
- ✓ Dual-axle chassis system
- ✓ Spring front and rear axles
- ✓ Unloading is possible on three sides

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Increased thickness of bottom/sides
- Replaceable coupling loop
- Wheel mudguards

MODEL VARIANTS:

- 2PTS-10- tractor trailer with a loading capacity of 10 tons



2PTS-10

DISTINCTIVE FEATURES:

- ✓ Load capacity: 17 tons
- ✓ Dual-axle chassis system
- ✓ Spring front axle
- ✓ Spring-balancer rear bogie
- ✓ Unloading is possible on two sides

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Increased thickness of bottom/sides
- Replaceable coupling loop for coupling in a road train with PSTB-12.
- Wheel mudguards
- Mounting for spare wheel

MODEL VARIANTS:


- PSTB-17 - tractor trailer with a loading capacity of 17 tons



PSTB-17

TRACTOR TRAILERS ARE DESIGNED FOR TRANSPORTING AGRICULTURAL MATERIALS ON LOCAL ROADS OF CATEGORIES IV-VI AND IN FIELD CONDITIONS (WITHOUT ACCESS TO ROADS OF CATEGORIES I-III).

TECHNICAL SPECIFICATIONS

	2PTS-4.5	2PTS-6	2PTS-6-1/2	2PTS-10	PSTB-17
Type	trailer	trailer	trailer	trailer	trailer
Load capacity, tons, maximum	4,5	6,0	5,7	10,0	17,0
Distribution of total mass on the front axle with nominal load on supports, kg, maximum	3400	4250	4250	6550	-
Distribution of total mass on the rear axle with nominal load on supports, kg, maximum	3350	4200	4200	7230	-
Distribution of total mass on the coupling loop with nominal load on supports, kg, maximum	20	20	20	20	20
Distribution of total mass on the chassis system with nominal load on supports, kg, maximum	-	-	-	-	23300
Internal dimensions of the body (length/width/height), m	4100/2220/520	4100/2220/520	4100/2220/1500	4766/2260/897	7640/2235/1195
Body capacity, m ³	4,7±0,2	4,7±0,2	13,6±0,5	9,8	20,5±0,3
Opening sides of the body	side and rear	side and rear	side and rear	side and rear	side
Thickness of the bottom/sides, mm	1,5/1	2/1,5	2/1,5/1	3/2	3/2
Size of extension sides, mm	-	-	980	-	-
Transport speed, km/h, maximum	25	25	25	25	25
Loading height at the bottom of the body, mm, maximum	1280	1280	1280	1420	1520
Loading height at the sides, mm, maximum	1800	1800	2780	2350	2740
Ground clearance, mm, minimum	300	300	300	300	300
Tire type	9,00-16	13,0/75-16HC10	13,0/75-16HC10	16,5/70-18HC14	16,5/70-18HC14
Tire pressure, MPa	0,35±0,01	0,31±0,01	0,31±0,01	0,41±0,01	0,41±0,01
Distance between axles, mm	2720	2720	2720	3095	3875/1250
Track width, mm	1950±25	1950±25	1950±25	2040±25	2040±25
Minimum turning radius, m	7,5	7,5	7,5	8	8
Angle of body lift, minimum	45°	45°	45°	45°	45°
Lifting time of the body (when supplying working fluid 50 l/min), s, maximum	30	30	30	30	50
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16	16
Dimensions of the coupling loop (D x S), mm	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)	(50 ⁺⁵)x(30 ⁺²)
Completeness of unloading of the body without manual cleaning, %, minimum	99	99	99	99	99
Hourly performance during main time, tons, minimum	65	90	80	150	250
MACHINE CONFIGURATION:					
Single-line pneumatic brake system	✗	✓	✓	✓	✓
Mechanical parking brake	✗	✓	✓	✓	✓
Light signaling equipment	✗	✓	✓	✓	✓
Anti-roll blocks	✗	✓	✓	✓	✓
Mounting for spare wheel	✗	✗	✗	✗	✗
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM, MAXIMUM:					
Length	6350	6350	6350	7000	9715
Width	2400	2400	2400	2520	2500
Height	1900	1900	3020	2500	2750
WEIGHT (WITHOUT SPARE PARTS), KG:	2250	2450	2750	3800	6100
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	2 ≈ 130 hp	3-4 ≈ 155-212 hp

SPECIAL SEMI-TRAILERS

DISTINCTIVE FEATURES:

- ✔ Load capacity: 8 tons
- ✔ Unloading without lifting the body using a chain-slat conveyor
- ✔ Increased stability of the semi-trailer during unloading
- ✔ Hydraulic rear gate with upper mounting
- ✔ Mesh front extension side

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Replaceable coupling loop

MODEL VARIANTS:

PS-30-1 - semi-trailer with load capacity 8 tons, with rigidly fixed side extension boards.



PS-30-1

DISTINCTIVE FEATURES:

- ✔ Load capacity: 11 tons/ 13 tons
- ✔ Rigidly fixed extension sides
- ✔ Unloading without lifting the body using a chain-slat conveyor
- ✔ Increased stability of the semi-trailer during unloading
- ✔ Hydraulic rear gate with upper mounting
- ✔ Mesh front extension side

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Replaceable coupling loop

MODEL VARIANTS:

PS-45 – load capacity 11 tons, with rigidly fixed side extension boards

PS-45-1 - load capacity 11 tons, with hinged side extension boards controlled by hydraulic cylinders

PS-45A- load capacity of 13 tons, chassis system on low-pressure tires and rigidly fixed side extension boards

PS-45A-1 - load capacity of 13 tons, chassis system on low-pressure tires and hinged side extension boards



PS-45A

DISTINCTIVE FEATURES:

- ✔ Load capacity: 14 tons
- ✔ Rigidly fixed extension sides
- ✔ Unloading without lifting the body using a chain-slat conveyor
- ✔ Increased stability of the semi-trailer during unloading
- ✔ Hydraulic rear gate with upper mounting
- ✔ Mesh front extension side

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Replaceable coupling loop

MODEL VARIANTS:


PS-60A- semi-trailer with load capacity 14 tons, with rigidly fixed side extension boards



PS-60A

SPECIAL SEMI-TRAILERS PS-30-1, PS-45, PS-60 AND THEIR MODIFICATIONS ARE DESIGNED FOR RECEIVING AND TRANSPORTING CHOPPED MASS OF FORAGE CROPS FROM FORAGE HARVESTING COMBINES TO THE SILAGE SITE, WITH UNLOADING TO THE REAR USING A BOTTOM CONVEYOR

TECHNICAL SPECIFICATIONS

	PS-30-1	PS-45	PS-45A	PS-60A
Type	semi-trailer	semi-trailer	semi-trailer	semi-trailer
Load capacity, tons, maximum	8	11	13	14
Distribution of total mass on the coupling loop with nominal load on supports, kg, maximum	2000	2000	2600	2800
Distribution of total mass on the chassis system with nominal load on supports, kg, maximum	10200	13960	15700	18200
Internal dimensions of the body (length/width/height), m	6,5/2,2/1,92	6,22/2,87/1,5	6,22/2,87/1,5	7,9/2,87/2,5
Body capacity, full with extension sides, m³	30±2	43±2	43±2	55±2
Body capacity, without extension sides, m³	20±1	27±1	27±1	45±1
Thickness of the floor/bottom board/top board	2/2/1	2/1,5/1	2/1,5/1	2/1,5/1
Size of extension sides, mm	-	730	-	-
Transport speed, km/h, maximum	25	25	25	25
Loading height with extension boards, mm, maximum	3370	3700	3800	3900
Loading height with open extension boards, mm, maximum	-	-	-	-
Loading height at the main sides, mm, maximum	2730	2700	3200	3200
Loading height at the bottom of the body, mm, maximum	1450	1450	1650	1650
Ground clearance, mm, minimum	300	300	300	300
Tire type	16.5/70-18HC10 ГОСТ 7463	16.5/70-18HC14 ГОСТ 7463	24,0/50-22,5-18HC12 TY P6 700016217.155	24,0/50-22,5-18HC12 TY P6 700016217.155
Tire pressure, MPa	0,25±0,01	0,41±0,01	0,20±0,01	0,20±0,01
Distance between axles, mm	1110	1270	1400	1400
Track width, mm	2050±25	2050±25	2064±25	2064±25
Working pressure in the hydraulic system, MPa, maximum	16	16	16	16
Dimensions of the coupling loop (D x S), mm	DxS=(50 ⁺⁵ x 30 ⁺²)	DxS=(50 ⁺⁵ x 30 ⁺²)	DxS=(50 ⁺⁵ x 30 ⁺²)	DxS=(50 ⁺⁵ x 30 ⁺²)
Completeness of unloading without manual cleaning, %, minimum	99	99	99	99
Preservation of the cargo during transportation, %, minimum	99	99	99	99
Unloading time, min, maximum	6	6	6	8
Hourly performance during main time, tons, minimum	18	39	39	50
MACHINE CONFIGURATION:				
Mechanical parking brake	☑	☑	☑	☑
Floor conveyor	☑	☑	☑	☑
Conveyor drive gearbox	☑	☑	☑	☑
Single-line pneumatic brake system	☑	☑	☑	☑
Light signaling equipment	☑	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM, MAXIMUM:				
Length	8040	8500	8500	10600
Width	2550	3200	3200	3200
Height at standard sides	3370	3700	3800	3900
WEIGHT (WITHOUT SPARE PARTS), KG:				
 TRACTOR PULLING CLASS POWER	2	2-3	2-3	3-4
	≈ 130 hp	≈ 130-155 hp	≈ 130-155 hp	≈ 155-212 hp

SPECIAL SEMI-TRAILERS

DISTINCTIVE FEATURES:

- ✔ Load capacity: 18 tons
- ✔ Rigidly fixed side extension boards
- ✔ Unloading without lifting the body using a chain-slat conveyor
- ✔ Increased stability of the semi-trailer during unloading
- ✔ Hydraulic rear gate with upper mounting
- ✔ Mesh front extension side

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Replaceable coupling loop

MODEL VARIANTS:

PS-60B- semi-trailer with load capacity 18 tons, with rigidly fixed side



PS-60B

DISTINCTIVE FEATURES:

- ✔ Load capacity: 30 tons
- ✔ Modular body design without drops, steps, and tunnels
- ✔ Unloading is performed without raising the body due to the movement of the front wall
- ✔ "Tridem" suspension on parabolic leaf springs
- ✔ Hydraulic locking of steering axles
- ✔ Single-line pneumatic brake system
- ✔ Hydraulic control of actuators
- ✔ Hydraulically adjustable parking support

CONFIGURE-TO-ORDER:

- Plastic mudguards
- Dual-line pneumatic brake system

MODEL VARIANTS:

PSP-30- special combined semi-trailer with load capacity 30 tons



PSK-30

DISTINCTIVE FEATURES:

- ✔ Load capacity: 24 tons
- ✔ Capable of receiving grain from all known models of combines
- ✔ Control is performed by the operator directly from the tractor cabin
- ✔ Low-pressure wide-profile tires
- ✔ Filling of the body can occur on the move from one or simultaneously from two combines
- ✔ Single-line pneumatic brake system
- ✔ Adjustable parking support

CONFIGURE-TO-ORDER:

- Dual-line pneumatic brake system
- Hydraulically adjustable parking support
- Light for illuminating the unloading area
- Weighing system
- Protective cover

MODEL VARIANTS:


PSP-30- Special semi-trailer loader (hopper volume 30 m³) with the load capacity of 24 tons



PSP-30

THE SPECIAL SEMI-TRAILER PS-60B IS DESIGNED FOR RECEIVING AND TRANSPORTING CRUSHED MASS OF FODDER CROPS WITH UNLOADING TO THE REAR VIA A CONVEYOR. THE SPECIAL SEMI-TRAILER PSK-30 IS INTENDED FOR TRANSPORTING VARIOUS AGRICULTURAL CARGOES WITH REAR UNLOADING USING THE FRONT SLIDING WALL. THE SEMI-TRAILER PSP-30 IS DESIGNED FOR RECEIVING, TRANSPORTING, AND RELOADING ALL TYPES OF GRAIN CROPS, SOYBEANS, AND OTHERS.

TECHNICAL SPECIFICATIONS

	PS-60B	PS-60B	PS-60B
Type	semi-trailer	semi-trailer	semi-trailer
Load capacity, tons, maximum	18	30	24
Distribution of total mass on the coupling loop with nominal load on supports, kg, maximum	2000	3000	3000
Distribution of total mass on the chassis system with nominal load on supports, kg, maximum	24000	38300	27950
Internal dimensions of the body (length/width/height), m	7,9/2,87/2,5	9,3/2,2/2,0	6,45/2,4/2,15
Body capacity, full with extension sides, m ³	55±2	-	-
Body capacity, without extension sides, m ³	45±1	40	31
Thickness of the floor/bottom board/top board	2/1,5/1	4/4/4	3/2/2
Size of extension sides, mm	-	-	-
Transport speed, km/h, maximum	25	25	25
Loading height with extension sides, mm, maximum	3900	-	-
Loading height with open extension sides, mm, maximum	-	-	-
Loading height at the main sides, mm, maximum	3200	3705	3620
Loading height at the bottom of the body, mm, maximum	1650	1705	-
Ground clearance, mm, minimum	300	300	300
Tire type	24,0/50-22,5-18HC12 TY P5 700016217.155	600/55 R 26,5	700/50 22,5 HC16
Tire pressure, MPa	0,20±0,01	0,4±0,01	0,24±0,01
Distance between axles, mm	1400	1800	1400
Track width, mm	2064±25	2150±25	2050±25
Working pressure in the hydraulic system, MPa, maximum	16	16	16
Dimensions of the coupling loop (D x S), mm	DxS=(50 ⁺⁵ x 30 ⁺²)	DxS=(50 ⁺⁵ x 30 ⁺²)	DxS=(50 ⁺⁵ x 30 ⁺²)
Completeness of unloading without manual cleaning, %, minimum	99	99	99
Preservation of the cargo during transportation, %, minimum	99	99,9	99
Unloading time, min, maximum	8	6	10
Hourly performance during main time, tons, minimum	50	90	70
MACHINE CONFIGURATION:			
Mechanical parking brake	☑	☑	☑
Floor conveyor	☑	☑	☑
Conveyor drive gearbox	☑	☑	☑
Single-line pneumatic brake system	☑	☑	☑
Light signaling equipment	☑	☑	☑
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM, MAXIMUM:			
Length	10600	11750	8770
Width	3200	2800	2760
Height at standard sides	3900	3950	3620
WEIGHT (WITHOUT SPARE PARTS), KG:			
 TRACTOR PULLING CLASS POWER	5 ≈ 265 hp	5 ≈ 185 hp	5 ≈ 185 hp

SPECIAL SEMI-TRAILERS

DISTINCTIVE FEATURES:

- ✔ Load capacity: 11 tons
- ✔ Loading and unloading from the tractor cabin using the tractor's hydraulic distributor and control panel.
- ✔ Loading of bales with the loader located at the front right side of the machine.
- ✔ Unloading using a "pushing wall" and tilting the platform.

CONFIGURE-TO-ORDER:

- Increased pushing front wall

MODEL VARIANTS:

TP-10-1 - Loader-transporter for bales with a load capacity of 11 tons



TP-10-1

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Load capacity: 12 tons
- ✔ Platform area 28.4 m²

MODEL VARIANTS:

STS-12- special transport means for transporting bales



STS-12

DISTINCTIVE FEATURES:

- ✔ Type: semi-trailer
- ✔ Load capacity: 10 tons /11 tons/12 tons
- ✔ Tire type 16.5/70-18NS14

CONFIGURE-TO-ORDER:

- Tire type 24.0/50-22.5NS12


MODEL VARIANTS:

PLT-12- Tractor semi-trailer for timber with a load capacity of 12 tons, intended for transporting saw timber and lumber up to 6 meters long on forest and intra-farm public roads
PLT-12-1 - tractor semi-trailer for timber with a load capacity of 11 tons with a manipulator
PLT-11 - tractor semi-trailer for timber with a load capacity of 11 tons
PLT-11-1 - tractor semi-trailer for timber with a load capacity of 11 tons with a manipulator



PLT-11-1

TP-10-1/STS-1) IS DESIGNED FOR PICKING UP, LOADING, TRANSPORTING, AND UNLOADING CYLINDRICAL BALES OF HAY, SILAGE, STRAW, FLAX, FORMED BY BALERS. PLT-11 - IS INTENDED FOR TRANSPORTING SAW TIMBER AND LUMBER UP TO 6 METERS LONG ON VARIOUS ROADS.

	TP-10-1	STS-12	PLT-11
Type	semi-trailer	semi-trailer	semi-trailer
Load capacity, tons, maximum	11	12	10
Drive	from the hydraulic system	from the hydraulic system	from the hydraulic system
Transport speed, km/h, maximum	25	20	25
Discharging time, min, maximum	4	-	-
Number of transported bales (depending on size and weight of bales), pcs.	12-21	24-45	-
Ground clearance, mm, minimum	300	300	300
Track width, mm	2063±25	2054±25	1950±100
OVERALL DIMENSIONS OF THE MACHINE IN TRANSPORT POSITION (L/W/ H), MM	10900/3300/4000	10000/2500/3100 (without extension side)	7000/2400/3400
OVERALL DIMENSIONS OF THE MACHINE IN WORKING POSITION (L/ W/ H), MM	10900/3300/4000	10000/4000/4000 (at front ext.side)	7000/2400/3400
WEIGHT,KG:	4000	3110	3970
 TRACTOR PULLING CLASS POWER	3 ≈ 155 hp	3 ≈ 155 hp	1,4-2 ≈ 80-130 hp

EQUIPMENT FOR RESERVOIRS

DISTINCTIVE FEATURES:

- ✔ Metallic body
- ✔ Engine manufactured by HONDA (Japan)
- ✔ Modernized cutting bar

CONFIGURE-TO-ORDER:

- Device for moving and lowering the boat into the water PPK-1.0

RELATED UNITS:

- Device PPK-1.0 is designed for moving the cutter for harvesting reeds



LK-12A

TECHNICAL SPECIFICATIONS

BOAT-CUTTER	LK-12A
Hourly performance during main time, ha/h, minimum	0,3-0,7
Mowing depth, m	до 1,0
Mowing speed, km/h	2,5-4,0
Speed on clean water, km/h	6,0
Operating width, m	2,1
Draft, m	0,3
Engine power, kWt, hp	9,6 (13,0)
OVERALL DIMENSIONS, MM, MAXIMUM:	
Length	6350
Width	2100
Height	maximum 2040
WEIGHT OF THE MACHINE, KG, MAXIMUM:	1120

DEVICE FOR MOVING LK-12A	PPK-1.0
Load capacity, kg	1200
Maximum transport speed, km/h	5
Track width, mm	1800
Ground clearance in transport position, mm, minimum	280
Load capacity of the winch, kg	1200
OVERALL DIMENSIONS, MM, MAXIMUM:	
Length	6310
Width	2035
Height	790
WEIGHT OF THE MACHINE, KG, MAXIMUM:	350

UNIVERSAL WIDE-GRIP CULTIVATOR

DISTINCTIVE FEATURES:

- ☑ Type: semi-trailer
- ☑ @ Removable transport wheels
- ☑ @ Spring-loaded tandem rollers
- ☑ @ Adjustable support wheels

MODEL VARIANTS:

KMP-10- Universal modular cultivator





KMP-10

CULTIVATOR KMP-10 IS DESIGNED FOR COMPLETE CULTIVATION AND HARROWING OF SOIL DURING AUTUMN SEMI-FALLOW TREATMENT AND SOIL PREPARATION FOR SOWING.

CULTIVATOR IS EQUIPPED WITH S-SHAPED STANDS ARRANGED IN A STAGGERED ORDER, WHICH PREVENTS KMP-10 FROM CLOGGING WITH WEEDS DURING OPERATION. THIS FEATURE ALSO ALLOWS PROCESSING HEAVY SOILS OR AREAS THAT ARE NOT PROPERLY PREPARED FOR CULTIVATION.

TECHNICAL SPECIFICATIONS

KMP-10	
Type	semi-trailer
Design operating width, m	10±0,1
Hourly performance during main time, ha, minimum	8-12
Number of S-shaped stands, pcs	60
Number of rows of stands, pcs.	4
Soil processing depth, cm	5-12
Ground clearance, mm, minimum	300
Working speed, km/h	8-12
Transport speed, km/h, maximum	10
OVERALL DIMENSIONS OF THE MACHINE (IN WORKING POSITION), MM, MAXIMUM:	
Length	9500
Width	10900
Height	1400
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM, MAXIMUM:	
Length	7000
Width	4000
Height	4000
WEIGHT OF THE MACHINE (WITHOUT SPARE PARTS AND EXTENSION SIDES), KG:	
4900	
	TRACTOR PULLING CLASS
	3-5
	POWER
	≈ 155-358 hp

MUNICIPAL EQUIPMENT FOR WINTER ROAD MAINTENANCE

DISTINCTIVE FEATURES:

- ✔ Type: mounted
- ✔ Conical hopper
- ✔ Disc spreader with blades for scattering salt-sand mixture
- ✔ Mechanical drive from PTO tractor

MODEL VARIANTS:

MPS-500- Machine for spreading salt-sand mixture with a hopper volume of 0.45 m³



MPS-500

DISTINCTIVE FEATURES:

- ✔ Type: mounted
- ✔ Discharge direction: to the right or left, and simultaneously in both directions
- ✔ Gate drive: hydraulic
- ✔ Height of the layer removed up to 70 cm

MODEL VARIANTS:

MSU-250- machine for spreading salt-sand mixture with a hopper volume of 0.45 m³





MSU-250

MACHINE FOR SPREADING SAND-SALT MIXTURES MRS-500 IS DESIGNED FOR SCATTERING SAND, SALT, AND OTHER ANTI-ICING MATERIALS AND AGENTS ON THE SURFACE OF SIDEWALKS AND PUBLIC ROADS WITH MANUAL OR MECHANIZED LOADING.

SNOW REMOVAL MACHINE MSU-250 IS INTENDED FOR CLEARING FRESHLY FALLEN AND UNCOMPRESSED SNOW ON ROADS AND SIDEWALKS WITH ASPHALT-CONCRETE SURFACES. THE MACHINE IS EQUIPPED WITH TWO BLADES INSTALLED AT AN ANGLE TO EACH OTHER AND HAVING DOUBLE-SIDED WEAR-RESISTANT KNIVES WITH FLAT AND SERRATED SIDES.

TECHNICAL SPECIFICATIONS

	MRS-500
Type	mounted
Hopper volume, l	450
Working speed, km/h	3-13
Spreading width, m	6-14
Application rates, kg/ha	40-700
Loading height, m	1,4
Load capacity, maximum, kg	860
OVERALL DIMENSIONS, MM, MAXIMUM:	
Length	1360
Width	1360
Height	1490
WEIGHT OF THE MACHINE, KG, MAXIMUM:	
190	
	TRACTOR PULLING CLASS POWER
0,6-1,4 ≈ 22-75 hp	

	MSU-250
Тип	mounted
Operating width, m	2,5
Throwing range, no more than, m	25
Working speed, km/h	1,9-7,0
Diameter of the rotary spreader, mm	670
Power consumption, kWt, maximum	45
Tractor rotation speed, rpm	540
OVERALL DIMENSIONS, MM, MAXIMUM:	
Length	1470
Width	1985
Height	2600
WEIGHT OF THE MACHINE, KG, MAXIMUM:	
550	
	TRACTOR PULLING CLASS POWER
1,4 ≈ 55-75 hp	

TREE TRANSPLANTERS

DISTINCTIVE FEATURES:

- ✔ Ability to transplant trees and seedlings in urban conditions
- ✔ Possibility of installation on a front loader
- ✔ Preparation of planting pits with root ball

MODEL VARIANTS:

PD-0.3 - tree transplanter



PD-0.3

DISTINCTIVE FEATURES:

- ✔ Ability to transplant trees and seedlings in urban conditions
- ✔ 4 blades with separate control
- ✔ Preparation of planting pits with root ball

MODEL VARIANTS:


PD-1 - tree transplanter



PD-1

TREE TRANSPLANTERS PD-1 AND PD-0.3 ARE DESIGNED FOR TRANSPLANTING TREES AND SEEDLINGS. TREE TRANSPLANTERS ALLOW FOR THE TRANSPLANTATION OF TREES IN URBAN CONDITIONS (PARKS, SQUARES, ALONG STREETS, IN COURTYARDS), AS WELL AS IN NURSERIES FOR PLANTING SEEDLINGS.

TECHNICAL SPECIFICATIONS

	PD-0.3	PD-1
Type	mounted	mounted
Depth of planting pit, mm	350	800
Diameter of planting pit, mm	300	1200
Diameter of tree crown, mm	600	-
Diameter of tree trunk, mm	-	160
Number of blades	2	4
OVERALL DIMENSIONS, MM, MAXIMUM:		
Length (in working/transport position)	530	3000/2300
Width (in working/transport position)	1400	3000/2300
Height (in working/transport position)	1200	2660/2350
WEIGHT OF THE MACHINE, KG, MAXIMUM	150	1500
 TRACTOR PULLING CLASS POWER	1,4 ≈ 55-75 hp	AMKODOR 332S4

OTHER EQUIPMENT

ATTACHMENT SCREW DEVICE PNSH-1 FOR PST-9 AND PNSH-1-01 FOR PST-12

Attachment screw device pnsH-1 for pst-9 and pnsH-1-01 for pst-12
The attachment screw device PNSH-1 is mounted on dump trailers PST-9 or PST-12 manufactured by OJSC "Holding managing company "Bobruiskagromash" and is designed for mechanized loading of grain seeders or for transferring grain. The PNSH-1 device consists of a removable rear board, a screw conveyor driven by a hydraulic motor, and a mechanism for fixing the screw in transport and working positions. Grain unloading is carried out by gravity when the body is raised into the receiver and is then transported by the operating conveyor.

TECHNICAL SPECIFICATIONS:

	PNS-1	PNS-1-01
Performance at nominal screw rotation speed, t/h	20	20
Screw rotation frequency, rpm	440	440
Maximum loading height, mm	4000	4000
Completeness of unloading without manual finishing, %	99	99
Screw diameter, mm	170	170
Screw length, mm	5000	5000
OVERALL DIMENSIONS (L/W), MM	3500/2500	2500/2500
WEIGHT, KG, MAXIMUM	330	350

MOUNTED SNOW CLEANER SNP-2.3

The snow cleaner attachment SNP-2.3 is installed on the front linkage of the tractor.
It is designed for clearing sidewalks, roads, and other areas from freshly fallen snow.
The SNP-2.3 snow cleaner can be operated in all soil-climatic zones except mountainous areas.

MOUNTED SNOW CLEANER SNZ-3

The snow cleaner SNZ-3 is designed for sweeping loose and compacted snow, breaking ice, moving soil, and road construction materials.
The snow cleaner is mounted on the rear linkage of the tractor and is compatible with tractors MTZ-80, MTZ-82, and MTZ-1221.
The snow cleaner operates in all soil-climatic zones except mountainous areas.

ADAPTER MJU-20.28

Designed for intrasoil application of liquid organic fertilizers, compatible with MJU-16 and MJU-20.

TECHNICAL SPECIFICATIONS:

	MZU20.28
Working width (application), mm	5400
Number of working elements (shovels), pcs.	6
Maximum application depth, mm	150
Working elements production	Italy
Adjustable application rate	from the tractor hydraulic system
OVERALL DIMENSIONS (L/H), MM	1900/2900
WEIGHT, KG, MAXIMUM	1103

ADAPTER MJU-20.40

Designed for distribution and surface application of liquid organic fertilizers, compatible with MJU-20.

TECHNICAL SPECIFICATIONS:

	MJU-20.40
Working width (application), mm	12000
Number of working elements (shovels), pcs.	48
Adjustable application rate	from the tractor hydraulic system
OVERALL DIMENSIONS (L/H/W), MM	740/1760/3200
WEIGHT, KG, MAXIMUM	805



PRODUCTION OF OJSC “BOBRUISKSELMASH”



TOOTHED HARROWS

BZ-5.5

DISTINCTIVE FEATURES:

- ✎ Type: mounted
- ✎ Operating width 5.5 m
- ✎ Completely replicates the soil surface
- ✎ The quadrilateral profile of the tooth significantly reduces the required traction effort of the tractor
- ✎ The ability to install teeth at different angles to ensure the desired soil working depth
- ✎ 16 rows of teeth allow for high quality pre-sowing soil preparation
- ✎ Is a full analogue of the American harrow McFarlane

MODEL VARIANTS:

BZ-5.5 – toothed harrow with 5.5 m operating width

BZ-11

DISTINCTIVE FEATURES:

- ✎ Type: semi-trailer
- ✎ Operating width 11 m
- ✎ Completely replicates the soil surface
- ✎ The quadrilateral profile of the tooth significantly reduces the required traction effort of the tractor
- ✎ The ability to install teeth at different angles to ensure the desired soil working depth
- ✎ 16 rows of teeth allow for high quality pre-sowing soil preparation
- ✎ Is a full analogue of the American harrow McFarlane

MODEL VARIANTS:

BZ-11- toothed harrow with 11 m operating width

DISTINCTIVE FEATURES:

- ✎ Type: trailer
- ✎ Operating width 14.7 m / 18.4 m
- ✎ Completely replicates the soil surface
- ✎ The quadrilateral profile of the tooth significantly reduces the required traction effort of the tractor
- ✎ The ability to install teeth at different angles to ensure the desired soil working depth
- ✎ 16 rows of teeth allow for high quality pre-sowing soil preparation
- ✎ Is a full analogue of the American harrow McFarlane

MODEL VARIANTS:

BZ-15- toothed harrow with 14.7 m operating width
BZ-18- toothed harrow with 18.4 m operating width



BZ-15/BZ-18

DISTINCTIVE FEATURES:

- ✎ Type: trailer
- ✎ Operating width 22 m
- ✎ Completely replicates the soil surface
- ✎ The quadrilateral profile of the tooth significantly reduces the required traction effort of the tractor
- ✎ The ability to install teeth at different angles to ensure the desired soil working depth
- ✎ 16 rows of teeth allow for high quality pre-sowing soil preparation
- ✎ Is a full analogue of the American harrow McFarlane

MODEL VARIANTS:

BZ-22- toothed harrow with 22 m operating width





BZ-22

DESIGNED FOR EARLY SPRING MOISTURE RETENTION AND, CONSEQUENTLY, REDUCING MOISTURE EVAPORATION FROM THE PLOWED LAYER, LEVELING AND LOOSENING THE UPPER LAYER OF SOIL, DESTROYING WEEDS IN THE INITIAL PHASE OF DEVELOPMENT, BREAKING UP SOIL CLOUDS, AS WELL AS FOR WORKING WITH STRAW RESIDUES, PREPARING THE SOIL BEFORE SOWING IN FIELDS WITH VARIOUS SOIL TYPES AND INCORPORATING MINERAL FERTILIZERS.

TECHNICAL SPECIFICATIONS

TOOTHED HARROWS

	BZ-5.5	BZ-11
Type	mounted	semi-trailer
Operating width, m, minimum	5,5	11
Hourly performance during main time, ha/h	5,5-6,6	11-13,2
Hourly performance during shift time, ha/h	4,125-4,95	8,25-9,9
Working speed, km/h	10-12	10-12
Transport speed, km/h, maximum	15	15
Processing depth, cm	up to 8	up to 8
Tooth spacing, mm	12	12
Number of toothed sections	3	7
Type of working mechanisms	ripping tooth	ripping tooth
Tooth section	quadrangular	quadrangular
Tooth length, mm	150±2	150±2
Tire type	5,00-10-HC6	13,0/75-16-HC8 МОД. БЕЛ-76
OVERALL DIMENSIONS, MM, MAXIMUM:		
Length (in transport / working position)	3500/3500	7170/12310
Width (in transport / working position)	3300/5470	2500/11620
Height (in transport / working position)	2500/1050	3980/1470
MACHINE WEIGHT, KG		
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	3 ≈ 155 hp

	BZ-15	BZ-18	BZ-22	BZ-26
Type	trailer	trailer	trailer	trailer
Operating width, m, minimum	14,7	18,4	22,0	26,1
Hourly performance during main time, ha/h	14,4-17,64	18,4-22,1	22,0-26,4	26,12-31,32
Hourly performance during shift time, ha/h	11,0-13,23	13,8-16,6	16,5-19,8	19,57-23,49
Working speed, km/h	10-12	10-12	10-12	10-12
Transport speed, km/h, maximum	15	15	15	15
Processing depth, cm	up to 8	up to 8	up to 8	up to 8
Tooth spacing, mm	12	12	12	12
Number of toothed sections	8	10	12	14
Type of working mechanisms	ripping tooth	ripping tooth	ripping tooth	ripping tooth
Tooth section	quadrangular	quadrangular	quadrangular	quadrangular
Tooth length, mm	150±2	150±2	150±2	150±2
Tire type	13,0/75-16-HC8 МОД. БЕЛ-76	13,0/75-16-HC8 МОД. БЕЛ-76	13,0/75-16-HC8 МОД. БЕЛ-76	13,0/75-16-HC8 МОД. БЕЛ-76
OVERALL DIMENSIONS, MM, MAXIMUM				
Length (in transport / working position)	12160/11300	14000/11300	15800/11300	17900/11300
Width (in transport / working position)	4400/15220	4400/18900	4400/22600	4400/26200
Height (in transport / working position)	3600/1200	3600/1200	3600/1200	3600/1200
MACHINE WEIGHT, KG				
 TRACTOR PULLING CLASS POWER	5 ≈ 265 hp	5 ≈ 265 hp	5 ≈ 265 hp	5 ≈ 265 hp

DISC TILLAGE UNITS

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Number of discs: 20
- ☑ Operating width 2.5+0.1m
- ☑ Individual protection (system of 4 rubber block dampers)
- ☑ Bearing unit of own production
- ☑ Two-row radial-thrust ball bearing with a groove for ball insertion, capable of withstanding significant radial loads

MODEL VARIANTS:

- APN-2- disc tillage unit (16 discs)
- APN-3-01 - disc tillage unit (20 discs)



APN-2.5

DISTINCTIVE FEATURES:

- ☑ Type: semi-mounted
- ☑ Number of discs: 28
- ☑ Operating width 4+0.1 m
- ☑ Individual protection (system of 4 rubber block dampers)
- ☑ Bearing unit of own production
- ☑ Two-row radial-thrust ball bearing with a groove for ball insertion, capable of withstanding significant radial loads

MODEL VARIANTS:

- APN-3- disc tillage unit (20 discs)
- APN-4- disc tillage unit (28 discs)



APN-4

DISTINCTIVE FEATURES:

- ☑ Type: semi-mounted
- ☑ Number of discs: 28
- ☑ Operating width 4+0.1 m
- ☑ Individual protection (system of 4 rubber block dampers)
- ☑ Bearing unit of own production
- ☑ Two-row radial-thrust ball bearing with a groove for ball insertion, capable of withstanding significant radial loads

MODEL VARIANTS:


- APN-3- disc tillage unit (20 discs)
- APN-4- disc tillage unit (28 discs)




APD-7.5M-1

DESIGNED FOR PRE-SOWING SOIL TREATMENT, FOR BREAKING UP SOIL LAYERS AFTER PLOWING MEADOWS AND PASTURES, QUICK SURFACE TREATMENT OF STUBBLE WITH INTENSIVE MIXING (CRUMBLING), OPERATES SEAMLESSLY EVEN WITH A LARGE AMOUNT OF STRAW.

TECHNICAL SPECIFICATIONS

	APN-2	APN-2.5	APN-3-01	APN-3
Type of unit	mounted	mounted	mounted	semi-mounted
Operating width, m, minimum	2±0,1	2,5±0,1	3±0,1	3±0,1
Hourly performance during main time, ha/h	1,8-2,4	2,5-3,0	2,7-3,6	2,7-3,6
Working depth per pass, cm, up to	5-12	5-12	5-12	5-12
Cutting of plant residues and weeds, %	95±5	95±5	95±5	95±5
Number of disc batteries, pcs.	2	2	2	2
Number of cutting discs, pcs.	16	20	20	20
Working speed, km/h, maximum	9 - 12	9 - 12	9 - 12	9 - 12
Transport speed, maximum, km/h	15	15	15	15
OVERALL DIMENSIONS, MM, MAXIMUM:				
Length (in transport / working position)	2275/2275	2275/2275	4900/4900	4900/4900
Width (in transport / working position)	2300/2300	2700/2700	3900/3900	3400/3400
Height (in transport / working position)	1200/1200	1200/1200	1400/1400	1400/1400
MACHINE WEIGHT, KG.:	966	1075	1650	2100
 TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	2 ≈ 130 hp	2 ≈ 130 hp

	APN-4	APD-6	APD-7.5M-1
Type of unit	semi-mounted	semi-mounted	semi-mounted
Operating width, m, minimum	4±0,1	6	7,5
Hourly performance during main time, ha/h	3,6-4,8	5,4-7,2	6,75-9,0
Working depth per pass, cm	5-12	5-12	5-12
Cutting of plant residues and weeds, %	95±5	100	100
Number of disc batteries, pcs	2	6	6
Number of cutting discs, pcs	28	42	54
Working speed, km/h, maximum	9 - 12	9 - 12	9 - 12
Transport speed, maximum, km/h	15	15	15
OVERALL DIMENSIONS, MM, MAXIMUM:			
Length (in transport / working position)	4900/4900	6000/6000	5900/5950
Width (in transport / working position)	4400/4400	4000/6300	4300/8150
Height (in transport / working position)	1400/1400	3500/1740	4000/1740
MACHINE WEIGHT, kg:	2300	5500	5600
 TRACTOR PULLING CLASS POWER	2-3 ≈ 130-155 hp	5 ≈ 265 hp	5 ≈ 265 hp

DEPENDING ON THE SOIL-CLIMATIC CONDITIONS OF THE REGION WHERE THESE UNITS ARE INTENDED TO BE USED, A CHOICE OF ROLLING ROLLERS ADAPTED TO ALL TYPES OF SOIL IS OFFERED: SPIRAL, TOOTHED, FLAT (TUBULAR).



SPIRAL PRESS ROLLER



TOOTH ROLLER



SIMPLE SLAT ROLLER

DISC HARROWS

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Operating width 2 m
- ☑ Developed according to an asymmetric two-track V-shaped scheme
- ☑ Processing a large amount of straw residues

MODEL VARIANTS:

- BND-1.6- disc harrow (14 discs, operating width 1.6 m)
- BND-1.8 - disc harrow (16 discs, operating width 2 m)



BND-1.8

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Operating width 2.8 m
- ☑ Developed according to an asymmetric two-track V-shaped scheme
- ☑ Processing a large amount of straw residues

MODEL VARIANTS:

- BND-2.8- disc harrow (24 discs, operating width 2.8 m)



BND-2.8

DISTINCTIVE FEATURES:

- ☑ Type: semi-mounted
- ☑ Operating width 2.9 m
- ☑ Developed according to an asymmetric two-track V-shaped scheme
- ☑ Processing a large amount of straw residues

MODEL VARIANTS:


- BPTD-3-01 - disc harrow (24 discs, operating width 2.9 m)




BPTD-3-01

DESIGNED FOR SOIL LOOSENING, BREAKING UP SOIL LAYERS AFTER PLOWING, FOR PRE-SOWING SOIL PREPARATION WITHOUT PRIOR PLOWING, FOR SOIL CULTIVATION AFTER HARVESTING ROW CROPS AND CUTTING PLANT RESIDUES, FOR MAINTENANCE OF MEADOWS AND PASTURES.

TECHNICAL SPECIFICATIONS

	BND-1,6	BND-1,8	BND-2,8
Type		mounted	mounted
Operating width, m, minimum	1,6	2,0	2,8
Maximum working depth, cm (per 2 passes)	10-15	12-20	8-10
Working speed, km/h, maximum	до 12	до 12	до 12
Number of disc batteries, pcs.	2	2	2
Number of cutting discs, pcs.	14	16	24
Number of solid discs, pcs.	-	-	-
Disc thickness, mm, minimum	5	6	6
Disc diameter, mm	560	650	480
Type of disc	spherical, cutting	spherical, cutting	spherical
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM			
Length	2000	3000	2560
Width	1640	2200	2805
Height	1150	1200	990
WEIGHT (WITHOUT SPARE PARTS), KG	450	800	860
 TRACTOR PULLING CLASS POWER	от 35 hp	от 80 hp	от 80 hp

	BPTD-3-01	BPTD-3.3	BPTD-4 with roller	BPTD-7
Type	semi-mounted	semi-mounted	semi-mounted	semi-mounted
Operating width, m, minimum	2,9	3,3	4	6,9
Maximum working depth, cm (per 2 passes)	8-20	8-20	8-20	8-20
Working speed, km/h, maximum	до 12	до 12	до 12	до 12
Number of disc batteries, pcs.	2	4	4	8
Number of cutting discs, pcs.	24	25	31	55
Number of solid discs, pcs.	-	-	2	2
Disc thickness, mm, minimum	6	6	6	6
Disc diameter, mm	650	650	650	650
Type of disc	spherical, cutting	spherical, cutting	spherical, cutting	spherical, cutting
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length	6200	6050	6750	5400
Width	3300	3500	4400	7300
Height	1500	1200	1360	1370
OVERALL DIMENSIONS OF THE MACHINE (IN TRANSPORT POSITION), MM, MAXIMUM				
Length	6200	6070	6700	5400
Width	3300	3500	2500	3400
Height	1800	1640	2500	3700
WEIGHT (WITHOUT SPARE PARTS), KG	1800	2340	3000	3500
 TRACTOR PULLING CLASS POWER	от 120 hp	от 120 hp	от 130 hp	от 250 hp

MOUNTED DISC PLOUGHS

DISTINCTIVE FEATURES:

- ✔ Type: mounted
- ✔ Adjustable disc angle
- ✔ Adjustable disc attack angle
- ✔ Cutting discs, diameter of 665 ±3 mm
- ✔ Disc thickness 6 mm

MODEL VARIANTS:


- PND-2 - disc plough (2 discs)
- PND-3 - disc plough (3 discs)
- PND-4- disc plough (4 discs)
- PND-5 - disc plough (5 discs)



PND-3

THE MOUNTED DISC PLOUGH IS DESIGNED FOR SOIL PROCESSING AT A DEPTH OF 25... 30 CM. HARD DRY, DRY HARD CRUSTING SOILS PRONE TO CLOD FORMATION AND SOILS CONTAMINATED WITH WOODY RESIDUES, AS WELL AS SOILS WITH WOODY ROOTS. IT CAN BE USED FOR PROCESSING WATERLOGGED, VIRGIN, FALLOW, AND HEAVY SOILS WITH A HEAVY MECHANICAL COMPOSITION, RE-PLOWING CLEARED FOREST AREAS, INCORPORATING GREEN MANURES.

TECHNICAL SPECIFICATIONS

	PND-2	PND-3	PND-4	PND-5
Type	mounted	mounted	mounted	mounted
Operating width, m, minimum	0,70	0,97	1,27	1,50
Processing depth, cm, maximum	30	30	30	30
Working speed, km/h, maximum	8-10	8-10	8-10	8-10
Distance between discs, mm, maximum	650	650	650	650
Type of disc	spherical	spherical	spherical	spherical
Disc diameter, mm	665±3	665±3	665±3	665±3
Disc thickness, mm	6	6	6	6
Disc attack angle, degrees	39;42;45	39;42;45	39;42;45	39;42;45
Disc tilt angle, degrees to vertical	12;15;18	12;15;18	12;15;18	12;15;18
Transport speed, km/h	25	25	25	25
Performance during shift time, ha/h	0,42-0,52	0,58-0,73	0,76-0,95	0,90-1,12
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM				
Length	2300	2400	3000	3600
Width	1200	1350	1400	1700
Height	1650	1650	1650	1650
WEIGHT, KG, (WITHOUT SPARE PARTS)	325	390	470	550
 TRACTOR PULLING CLASS POWER	0,9 ≈ 50 hp	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp	2 ≈ 130 hp

PNEUMATIC SEEDER

DISTINCTIVE FEATURES:

- Operating width 9.6 m
- Hopper capacity 2.5 m³
- Low fuel consumption - 2.9 l/ha
- Automatic sowing control system

CONFIGURE-TO-ORDER:

- Possibility of applying mineral fertilizers

MODEL VARIANTS:


BEREZINA 9600 is a universal pneumatic seeder
BEREZINA 9600U is a universal pneumatic seeder with simultaneous application of the starter dose of granular mineral fertilizers.
BEREZINA 9600-1 is a universal pneumatic seeder
BEREZINA 9600-1U is a universal pneumatic seeder with simultaneous application of the starter dose of granular mineral fertilizers



BEREZINA 9600-1 U

THE SEEDER IS DESIGNED FOR ROW SOWING OF CEREALS, LEGUMES, CRUCIFERS, GRASSES, AND OTHER SEEDS THAT ARE SIMILAR IN SIZE, SOWING RATE, AND EMBEDDING DEPTH. THE SEEDER CAN BE USED IN BOTH TILLAGE AND NO-TILL SYSTEMS ON ALL TYPES OF SOILS. THE PRECEDING TECHNOLOGICAL OPERATIONS FOR THE SEEDER ARE LEVELING THE SOIL, IF NECESSARY, AND ROLLING.

TECHNICAL SPECIFICATIONS

	BERESINA-9600	BERESINA-9600-1	BERESINA-9600U	BERESINA-9600-1U
Type	semi-mounted	semi-mounted	semi-mounted	semi-mounted
Hoper capacity, m3	2,5	2,5	1,5/1	1,5/1
Performance, ha/h	-	-	-	-
- during main time	9,6 - 14,4	9,6 - 14,4	9,6 - 14,4	9,6 - 14,4
- during operating time	7,2 - 10,8	7,2 - 10,8	6,7 - 10,1	6,7 - 10,1
Working speed, km/h, maximum	10-15	10-15	10-15	10-15
Design operating width, m, minimum	9,6	9,6	9,6	9,6
Row spacing for sowing, mm	150	150	150	150
Seed embedding depth, cm	1-6	1-6	1-6	1-6
Seed sowing rate, kg/ha	1,1 - 385	1,1 - 385	1,1 - 300	1,1 - 300
Fertilizer sowing rate, kg/ha	-	-	30 - 200	30 - 200
Number of coulters	64	64	64	64
Number of hoppers, pcs.	2	2	4	4
Number of sowing units	2	2	2	2
Fan drive shaft rotation frequency, min ⁻¹	1 000	-	1 000	-
MACHINE CONFIGURATION:				
Two-disc coulter with support roller	✓	✓	✓	✓
Mechanical drives of working elements of sowing units	✓	✓	✓	✓
Mechanical drives of working elements of the fan	✓	✗	✓	✗
Tire type 16.0-20-HC8 mod. F-64GL-I	✓	✓	✓	✓
Fan drive from hydraulic motor	✗	✓	✗	✓
OVERALL DIMENSIONS OF THE MACHINE, MM, MAXIMUM:				
Length (in transport / working position)	10300	10300	10300	10300
Width (in transport / working position)	4000 / 11200	4000 / 11200	4000 / 11200	4000 / 11200
Height (in transport / working position)	3600 / 2400	3600 / 2400	3600 / 2400	3600 / 2400
MACHINE WEIGHT, kg:	5 950	5 950	6 000	6 000
 TRACTOR PULLING CLASS POWER	2 ≈ 130 hp	2 ≈ 130 hp	2 ≈ 130 hp	2 ≈ 130 hp

STEAM HIGH-SPEED CULTIVATORS

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Individually - linkage system of working element sections with a vibrational working nature, resulting in automatic cleaning of working elements
- ☑ Equipped with loosening tines

MODEL VARIANTS:

KPN-6- steam mounted cultivator



KPN-6

DISTINCTIVE FEATURES:

- ☑ Type: semi-trailer
- ☑ Individually - linkage system of working element sections with a vibrational working nature, resulting in automatic cleaning of working elements
- ☑ Equipped with chisel points

CONFIGURE-TO-ORDER:

- ☑ Roller attachment, consisting of compacting roller sections

MODEL VARIANTS:

KPS-13 - Steam high-speed cultivator


KPS-13 -1 - Steam high-speed cultivator (equipped with chisel tines)



KPS-13

CULTIVATORS ARE DESIGNED FOR COMPREHENSIVE SOIL TREATMENT AFTER PLOWING DURING SEEDBED PREPARATION, EARLY SPRING MOISTURE RETENTION, STEAM AND SEMI-STEAM PROCESSING. IN ONE PASS ACROSS THE FIELD, THE CULTIVATOR ENSURES COMPLETE SOIL PREPARATION FOR SOWING, COMBINING CULTIVATION, LOOSENING, AND LEVELING.

TECHNICAL SPECIFICATIONS

	KPN-6	KPN-6-1	KPS-13	KPS-13-1
Type	mounted	mounted	semi-trailer	semi-trailer
Performance, ha/h	до 7,2	до 7,2	до 15,6	до 15,6
Working speed, km/h, maximum	6-12	6-12	6-12	6-12
Operating width, m, minimum	6	6	13	13
Processing depth, cm	6-14	6-14	6-14	6-14
Number of tines, pcs	35	35	76	47
Soil crumb size by fraction, % minimum	80	80	80	80
Surface roughness of the soil, cm, maximum	4	4	4	4
Weed cutting, %	100	100	80	100
Clogging and sticking of working elements	not allowed	not allowed	not allowed	not allowed
OVERALL DIMENSIONS, MM, MAXIMUM:				
Length (in transport / working position)	2450/2450	2900/2900	9200/10000	9200/10000
Width (in transport / working position)	4052/6005	4100/6050	4250/13035	4250/13035
Height (in transport / working position)	2280/1325	2300/1325	3000/1040	3000/1040
WEIGHT, KG	1210	1560	4000	4000
 TRACTOR PULLING CLASS POWER	2 ≈ 130 hp	2 ≈ 130 hp	5 and above ≈ 265 - 358 hp	5 and above ≈ 265 - 358 hp

CULTIVATOR-PLANT FEEDER

DISTINCTIVE FEATURES:

- ✔ Inter-row processing of row crops sown or planted with seedlings with a row spacing of 70 cm; 75 cm
- ✔ Subsurface application of liquid mineral fertilizers simultaneously with inter-row processing
- ✔ Type of working organs: chisel tine on spring S-type stand / loosening tine on spring S-type stand
- ✔ Number of tines: 16
- ✔ Number of processed rows: 8

MODEL VARIANTS:


- KRN-5.6- cultivator-plant feeder
- KRN-8.4- cultivator-plant feeder



KRN-5,6 /KRN 8,4

CULTIVATOR IS DESIGNED FOR INTER-ROW PROCESSING OF CORN, SUNFLOWER, AND OTHER ROW CROPS SOWN OR PLANTED WITH SEEDLINGS WITH A ROW SPACING OF 70 CM; 75 CM, WITH SIMULTANEOUS SUBSURFACE APPLICATION OF LIQUID MINERAL FERTILIZERS.

TECHNICAL SPECIFICATIONS

	KRN-5.6	KRN 8.4
Type	mounted	mounted
Hourly performance during main time, ha, minimum	2,24-3,36	3,36-5,04
Hourly performance during shift time, ha, minimum	1,68 - 2,52	2,52-3,78
Working speed, km/h	до 8	до 8
Transport speed, km/h, maximum	25	25
Design operating width, m, minimum	5,6	8,4
Processing depth (chisel tine), cm	6-10	6-10
Processing depth (loosening tine), cm	10-14	10-14
Type of working elements	Chisel tine on spring S-type stand / loosening tine on spring S-type stand	Chisel tine on spring S-type stand / loosening tine on spring S-type stand
Number of tines	16	24
Number of processed rows	8	12
Row spacing, cm	70; 75	70
Working fluid consumption, l/ha	100-300	100-300
Tank capacity, l	210	210
Number of tanks	2	2
Ground clearance, mm	300±30	300±30
Working pressure in the hydraulic system, MPa	16±5	16±5
Tire type	5,00 – 10 – HC6	5,00 – 10 – HC6
Tire pressure, MPa	0,28±0,02	0,28±0,02
Size of protective zone, cm, maximum	10-15	10-15
Depth of fertilizer application	до 12	до 12
Specific material consumption, kg ch/ha	446	416
OVERALL DIMENSIONS, MM, MAXIMUM		
Length (in transport / working position)	1750/1750	1750/1750
Width (in transport / working position)	3850/6500	3850/8760
Height (in transport / working position)	3500/1750	3500/1750
WEIGHT, KG		
 TRACTOR PULLING CLASS POWER	750	1050
	1,4 ≈ 80-88 hp	1,4 ≈ 80-88 hp



PRODUCTION OF LLC «ORSHAAGROMASH»



MOLD BOARD PLOUGHS

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Plow frame of welded construction
- ☑ Plowing depth 20 cm
- ☑ Semi-screw body with a moldboard surface

MODEL VARIANTS:

PNP-2-25- two-body plough
 PNP-3-35- three-body plough
 PNP-4-40- four-body plough
 PNP-5-40- five-body plough
 PNP-7-40- seven-body plough



PNP-2-25

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Plow frame of welded construction
- ☑ Plowing depth 20 cm
- ☑ Semi-screw body with a moldboard surface

MODEL VARIANTS:

PNP-2-25- two-body plough
 PNP-3-35- three-body plough
 PNP-4-40- four-body plough
 PNP-5-40- five-body plough
 PNP-7-40- seven-body plough



PNP-3-35

DISTINCTIVE FEATURES:

- ☑ Type: mounted
- ☑ Plow frame of welded construction
- ☑ Plowing depth 20 cm
- ☑ Semi-screw body with a moldboard surface

MODEL VARIANTS:


PNP-2-25- two-body plough
 PNP-3-35- three-body plough
 PNP-4-40- four-body plough
 PNP-5-40- five-body plough
 PNP-7-40- seven-body plough




PNP-5-40

DESIGNED FOR PLOWING VARIOUS SOILS FOR CEREAL AND TECHNICAL CROPS AT A DEPTH OF 20-27 CM, FREE FROM STONES AND OTHER OBSTACLES, WITH AN IMPORTANCE OF THE PROCESSED LAYER UP TO 25%, HEIGHT OF STUBBLE AND GRASS COVER UP TO 20 CM.

TECHNICAL SPECIFICATIONS

	PNP 2-25	PNP 3-35	PNP 4-40-1
Type of plough			
Hourly performance during main time, ha/h	0,28-0,30	0,54-0,72	0,96-1,44
Hourly performance during operating time, ha/h	0,20-0,22	0,38-0,57	0,72-1,08
Working speed during main operations, km/h	4,0-6,5	5,0-6,6	6,0-9,0
Plowing depth, maximum, cm	20	27	27
Plow design operating width, m	0,5±0,05	1,08±0,1	1,6±0,16
Number of bodies, pcs.	2	3	4
Body operating width, mm	250±15	360±20	400±25
Distance between bodies along the plow, mm	670±20	760±20	800±25
Distance from the support plane of the bodies to the lower plane of the frame, mm	500±15	610±15	610±15
Ground clearance, mm, minimum	300	300	300
Transport speed, maximum, km/h	15	20	20
OVERALL DIMENSIONS, MM, MAXIMUM:			
Length	1700±100	2690±100	3700±100
Width	1000±75	1500±60	2000±60
Height	1100±50	1250±50	1490±50
WEIGHT OF THE MACHINE (WITHOUT SPARE PARTS AND EXTENSION SIDES), KG			
 TRACTOR PULLING CLASS POWER	0,6 ~ 25-30 hp	1,4 ~ 80-88 hp	2 ~ 130 hp

TECHNICAL SPECIFICATIONS

	PNP 5-40	PNP 7-40
Type of plough	mounted	mounted
Hourly performance during main time, ha/h	1,2-2,0	1,2-2,0
Hourly performance during operating time, ha/h	0,95-1,5	1,5-2,2
Working speed during main operations, km/h	6,0-9,0	7,0-10,0
Plowing depth, maximum, cm	27	27
Plow design operating width, m	2,0±0,2	2,8±0,1
Number of bodies, pcs.	5	7
Body operating width, mm	400±25	400±25
Distance between bodies along the plow, mm	800±25	800±25
Distance from the support plane of the bodies to the lower plane of the frame, mm	730±15	720±15
Ground clearance, mm, minimum	300	300
Transport speed, maximum, km/h	20	20
OVERALL DIMENSIONS, MM, MAXIMUM		
Length	4500±100	5980±100
Width	2400±60	3550±60
Height	1540±50	1800±50
WEIGHT OF THE MACHINE (WITHOUT SPARE PARTS AND EXTENSION SIDES), KG		
 TRACTOR PULLING CLASS POWER	2 ~ 130 hp	5 ~ 265 hp

REVERSIBLE PLOUGHS

DISTINCTIVE FEATURES:

- ✔ Type: semi-mounted
- ✔ Protected by pneumatic-hydraulic safety devices
- ✔ Design operating width 1.6 ± 0.1 m
- ✔ Equipped with semi-screw extended bodies
- ✔ Fully automatic auto-return system for the body

MODEL VARIANTS:

POPG-4-40 – four-body plough
POPG-5-40 – five-body plough



POPG-4-40

DISTINCTIVE FEATURES:

- ✔ Type: semi-mounted
- ✔ Spring protection
- ✔ Design operating width 1.6 ± 0.1 m
- ✔ Equipped with semi-screw extended bodies
- ✔ Fully automatic auto-return system for the body


MODEL VARIANTS:

POPR-4-40 – four-body plough
POPR-5-40 – five-body plough



POPR-5-40

TECHNICAL SPECIFICATIONS

	POPG-4-40	POPG-5-40	POPR-4-40	POPR-5-40
Type	semi-mounted	semi-mounted	semi-mounted	semi-mounted
Hourly performance during main time, ha/h	1,12-1,44	1,4-1,8	1,12-1,44	1,4-1,8
Hourly performance during operating time, ha/h	0,84-1,08	1,05-1,35	0,84-1,08	1,05-1,35
Working speed during main operations, km/h	7,0-9,0	7,0-9,0	7,0-9,0	7,0-9,0
Plowing depth, maximum, cm	27	27	27	27
Plow design operating width, m	$1,6 \pm 0,1$	$2,0 \pm 0,1$	$1,6 \pm 0,1$	$2,0 \pm 0,1$
Number of bodies, pcs.	4+4	5+5	4+4	5+5
Body operating width, mm	400 ± 25	400 ± 25	400 ± 25	400 ± 25
Distance between bodies along the plow, mm (1-2-3-4/4-5), mm	900/-	900/2114	900/-	900/2114
Distance from the support plane of the bodies to the lower plane of the frame, mm	720	700	700	700
Ground clearance, mm, minimum	300	300	300	300
Transport speed, maximum, km/h	30	20	20	20
OVERALL DIMENSIONS OF THE PLOUGH, MM, MAXIMUM				
Length	6800	7900	6800	7900
Width	2780	3000	2780	3000
Height	1630	1630	1630	1630
WEIGHT OF THE UNFILLED PLOUGH, KG (WITHOUT SPARE PARTS):	2300 ± 50	2720 ± 50	2300 ± 50	2750 ± 50
 TRACTOR PULLING CLASS POWER	2 \approx 130 hp	2-3 \approx 130-155 hp	2-3 \approx 130-155 hp	2-3 \approx 130-155 hp

PLOUGHS WITH PNEUMATIC-HYDRAULIC PROTECTION

DISTINCTIVE FEATURES:


- ☑ Type: mounted
- ☑ Equipped with a pneumatic-hydraulic protection system
- ☑ Plow operating width: from 1.08 to 2.8 m
- ☑ Plowing various soils at a depth of up to 27 cm with a moisture content of the processed layer up to 25%, height of stubble and grass cover up to 25 cm, contaminated with stones of various sizes and shapes

MODEL VARIANTS:

PGP-3-35-3- mounted plough with 3 bodies
PGP-4-40-3- mounted plough with 4 bodies
PGP-5-40-3- mounted plough with 5 bodies
PGP-7-40-3- mounted plough with 7 bodies



TECHNICAL SPECIFICATIONS

		PGP-3-35-3	PGP-4-40-3	PGP-5-40-3	PGP-7-40-3
Type		mounted	mounted	полунавесной	mounted
Hourly performance during main time, ha/h		0,54-0,72	0,96-1,44	1,96-2,16	1,96-2,8
Hourly performance during operating time, ha/h		0,38-0,57	0,72-1,08	1,4-1,7	1,47-2,1
Working speed during main operations, km/h		5,0-6,6	6,0-9,0	6,0-9,0	7,0-10,0
Plowing depth, maximum, cm		27	27	27	27
Plow design operating width, m		1,08±0,1	1,6±0,1	2,0±0,1	2,8±0,15
Number of bodies, pcs		3	4	5	7
Body operating width, mm		360±20	400±25	400±25	400±25
Distance between bodies along the plow, mm		760±20	848±25	800±25	800±25
Distance from the support plane of the bodies to the lower plane of the frame, mm		700±20	700±20	700±20	700±20
Ground clearance, mm, minimum		300	300	300	300
Transport speed, maximum, km/h		12	20	20	20
OVERALL DIMENSIONS OF THE PLOUGH, MM, MAXIMUM:					
Length (in working/ in transport position)		3100±75/7400±250	4200±100/8500±250	7260±100/11560±250	6400±100/12780±300
Width (in working/ in transport position)		1850±75/1990±100	2200±60/2290±100	2815±60/2900±100	3550±60/3550±110
Height (in working/ in transport position)		1520±50/ according to tractor	1500±50/ according to tractor	1450±50/ according to tractor	1980±50/ according to tractor
WEIGHT OF THE UNFILLED PLOUGH, KG (WITHOUT SPARE PARTS))		760±25	930±20	1910±50	2600±50
	TRACTOR PULLING CLASS POWER	1,4 ≈ 80-88 hp	2 ≈ 130 hp	3 ≈ 155 hp	5 ≈ 265 hp

CUTTING BAR

DESIGNED FOR MOWING SOWN AND NATURAL GRASSES AS PART
OF TRACTOR ROTARY-DISC MOWERS

TECHNICAL SPECIFICATIONS:

Working width (application), mm	3100
Discs rotation frequency, min ⁻¹	3000
Diameter of the disc by knives, mm	512
Applicability, types of mowers	disc mowers KDN-310, KDF-310, KDP-310, KDN-9
OVERALL DIMENSIONS (L/ H), MM	3100/690
WEIGHT, KG	300





PRODUCTION OF OJSC “BREST ELECTROMECHANICAL PLANT”



TILLAGE SOWING UNIT

DISTINCTIVE FEATURES:

- ✔ Type: trailer
- ✔ Low power requirement
(front packer + rear packer with axle-offset wheels)
- ✔ Possibility of fertilizer application both in the seed furrow and in the sections of soil processing aggregates
- ✔ Modular frame construction

CONFIGURE-TO-ORDER:

- S-shaped or finger-type coverer

MODEL VARIANTS:

- AMPSH-6- multifunctional soil processing seeder, highly versatile:
- with the possibility of fertilizer application in the seed furrow
 - with the possibility of fertilizer application in the inter-row




AMPSH-6 "BERESTYE"

THE MULTIFUNCTIONAL SOIL PROCESSING SEEDER AMPSH-6 "BERESTYE" IS DESIGNED FOR SOIL TREATMENT (DISCING) AFTER PLOWING OR MINIMUM TILLAGE (ON STUBBLE), WITH THE POSSIBILITY OF FERTILIZER APPLICATION AT THE LEVEL OF THE TREATED SOIL SURFACE (IN THE INTER-ROW) OR SIMULTANEOUSLY WITH THE SOWING MATERIAL (IN-ROW), FOLLOWED BY SOWING OF CEREALS, LEGUMES, CRUCIFEROUS CROPS, GRASSES, AND OTHER SIMILAR CROPS ACCORDING TO SIZE, SOWING RATES, AND SEED EMBEDDING DEPTH.

MULCHED SOWING OF THE ABOVE-MENTIONED CROPS IS POSSIBLE. IT AGGREGATES WITH TRACTORS "BELARUS", JOHN DEER SERIES 7 AND 8, AND OTHER CLASS 5 TRACTORS (120 L/MIN).

TECHNICAL SPECIFICATIONS

AMPSH-6 "BERESTYE"	
Type	trailer
Operating width, m	6
Capacity of the two-section hopper, l	4350
including section for seeds / for fertilizers, l	2610 / 1740
Adjustment of sowing rate, kg/ha	2-400
Hourly performance during main time, ha	до 10,8
Operating depth, cm	1 – 15
Working speed, km/h	10 - 18
Width of inter-row fertilizer application, cm	25
Width of inter-row grain sowing, cm	12,5
Number of seed furrows, pcs.	48
Number of seed dispensers, pcs.	2
OVERALL DIMENSIONS, MM, MAXIMUM	
Length	8000
Width	3200
Height	4000
WEIGHT, KG, (WITHOUT SPARE PARTS)	
	TRACTOR PULLING CLASS
	POWER
5 and above (120 l/min)	
≈	
300 hp and above	

TILLAGE SOWING UNIT

TILLAGE SOWING UNIT

DISTINCTIVE FEATURES:

- ✔ The assembly of the aggregate is divided into 2 parts
- ✔ Automatic and manual seed feed shutdown
- ✔ Electromagnetic valves

MODEL VARIANTS:

APP-6 AB-D "Berestye" - soil processing seeder with a single-section hopper



APP-6AB-D "BERESTYE"

DISTINCTIVE FEATURES:


- ✔ Type: semi-mounted
- ✔ Adjustment of working depth of discs (coulters) by hydraulic cylinder using a set of clips
- ✔ Protection of discs (coulters) and the seed furrow arm on rubber dampers with memory

MODEL VARIANTS:

APP-6NT «Berestye» direct seeding unit with single-section or two-section hopper



APP-6NT " BERESTYE "

	APP-6 AB D "BERESTYE"	APP-6 NT "BERESTYE"
Type	mounted	semi-mounted
Operating width, m	6	6
Capacity of the two-section hopper, l	1650	4350
including section for seeds / for fertilizers, l	1650 / -	2610 / 1740
Hourly performance during main time, ha	до 4,8	6,8-10,8
Adjustment of sowing rate, kg/ha	2-400	2-400
Operating depth, cm	1 – 15	1 - 16
Working speed, km/h	6 - 10	10 -18
Width of inter-row fertilizer application, cm	—	18,7
Width of inter-row grain sowing, cm	12,5	18,7
Seed embedding depth, cm	1 – 5	2 - 7
Number of seed furrows, pcs	48	32
Presence of a rolling roller with a seed furrow, cm	—	37 x 50
Number of seed dispensers, pcs	2	2
OVERALL DIMENSIONS, MM, MAXIMUM:		
Length	9500	9000
Width	2850	3200
Height	4000	3300
WEIGHT, KG, (WITHOUT SPARE PARTS):		
 TRACTOR PULLING CLASS POWER	5 and above	5 and above
	≈ 300 hp and above	≈ 300 hp and above

PNEUMATIC SEEDERS

DISTINCTIVE FEATURES:

- ☞ Type: semi-trailer
- ☞ Operating width 9m
- ☞ With leveling devices in front of the seed furrows
- ☞ Follow-up loosening devices behind tractor wheels, working and support wheels
- ☞ Pneumatic sowing system with driven wheel for sowing units and fan with hydraulic drive, electronic control system

CONFIGURE-TO-ORDER:

- Disc seeders with rubberized rolling rollers with solid rod coverers
- Automated seeding control system

MODEL VARIANTS:

- SPSH-9 - pneumatic seeder with wide coverage without fertilizer application
- SPSH-9U - pneumatic seeder with wide coverage with fertilizer application



SPSH-9U "BERESTYE"

DISTINCTIVE FEATURES:

- ☞ Type: semi-trailer
- ☞ Operating width 12 m
- ☞ With leveling devices in front of the seed furrows
- ☞ Follow-up loosening devices behind tractor wheels, working and support wheels
- ☞ Pneumatic sowing system with driven wheel for sowing units and fan with hydraulic drive, electronic control system

CONFIGURE-TO-ORDER:

- Disc seeders with rubberized rolling rollers with solid rod coverers
- Automated seeding control system

MODEL VARIANTS:

- SPSH-12 - pneumatic seeder with wide coverage without fertilizer application
- SPSH-12U - pneumatic seeder with wide coverage with fertilizer application



SPSH-12U " BERESTYE "

DISTINCTIVE FEATURES:

- ☞ Type: mounted-hitch
- ☞ Soil treatment and sowing in one pass
- ☞ Simultaneous application of granular mineral fertilizers
- ☞ Ideal for sowing cereals, legumes, and grass mixtures

CONFIGURE-TO-ORDER:

- Leveling device
- Shovel-type seeders
- Foot-type seeders
- Disc seeders

MODEL VARIANTS:

- SPL-6-04 - pneumatic seeder with fertilizer application




SPL-6-04 " BERESTYE "

SEEDERS SPL-6-04/SPSH-9U/SPSH-12U ARE DESIGNED FOR ROW SOWING OF CEREALS, LEGUMES, CRUCIFEROUS CROPS, GRASSES, AND OTHER SIMILAR CROPS ACCORDING TO SIZE, SOWING RATE, AND SEED EMBEDDING DEPTH WHILE SIMULTANEOUSLY LEVELING THE FIELD SURFACE (SPSH-9U AND SPSH-12U).

PNEUMATIC WIDE COVERAGE SEEDERS SPSH-9U "BERESTYE"/ SPSH-12U "BERESTYE" ARE DESIGNED FOR ROW SOWING OF CEREALS, LEGUMES, CRUCIFEROUS CROPS, GRASSES, AND OTHER SIMILAR CROPS ACCORDING TO SIZE, SOWING RATE, AND SEED EMBEDDING DEPTH WHILE SIMULTANEOUSLY LEVELING THE FIELD SURFACE AND APPLYING FERTILIZERS.

PNEUMATIC SEEDER SPL-6-04 "BERESTYE" IS DESIGNED FOR ROW SOWING OF CEREALS, LEGUMES, CRUCIFEROUS CROPS, GRASSES, AND OTHER SIMILAR CROPS ACCORDING TO SIZE, SOWING RATE, AND SEED EMBEDDING DEPTH WHILE SIMULTANEOUSLY APPLYING GRANULAR MINERAL FERTILIZERS ON FIELDS, BOTH ON PREVIOUSLY PREPARED SOIL AND ON MINIMALLY TILLED SOIL, DEPENDING ON PERFORMANCE.

TECHNICAL SPECIFICATIONS

	SPSH-9U	SPSH-12U	SPL-6-04
Type	semi-trailer	semi-trailer	mounted-hitch
Operating width, m	9,0	12,0	6,0
Ground clearance, mm, minimum	400	400	300
Capacity of the hopper sections, l	6000	6000	2000
including for seeds / for fertilizers, l	4500 ± 10/1500 ± 10	4500 ± 10/1500 ± 10	1500/500
Hourly performance during main time, ha	7,2-13,5	9,6-18	4,8-9
Working speed during main operations, km/h	8-15	8-15	8-15
Transport speed, maximum, km/h	20	20	20
Sowing rate for seeds, kg/ha	2-400	2-400	2-400
Sowing rate for granular mineral fertilizers, kg/ha	30-250	30-250	30-250
Seed embedding depth (minimum/maximum), cm	от 2 до 7	от 2 до 7	от 2 до 7
Width of seed furrows inter-rows, cm	12,5	12,5	12,5
Number of seed rows, pcs	72	96	48
Percentage of seeds not embedded in the soil, %			
OVERALL DIMENSIONS IN TRANSPROT POSITION, MM, MAXIMUM:			
Length	10000	10000	6750
Width	3200	3200	3500
Height	4000	4000	4000
OVERALL DIMENSIONS IN WORKING POSITION, MM, MAXIMUM:			
Length	10500	10500	6750
Width	9500	12500	6700
Height	3500	3500	2500
WEIGHT, KG, (WITHOUT SPARE PARTS)			
 TRACTOR PULLING CLASS POWER	5 (120 l/min) ≈ 300 hp and above	5 and above (120 l/min) ≈ 300 hp and above	2 ≈ 130 hp

Precision Planters

Distinctive Features:

- Type: mounted
- Seeding system with drive wheel
- And vacuum fan powered by PTO
- Automated seeding control system

Configure-to-Order:

- Discs for sunflower seeding

Model Variants:

- SKP - 8KP - precision planter with disc furrow openers without fertilizer application
- SKP - 8KU - precision planter with disc furrow openers with fertilizer application option
- SKP - 12K - precision planter with disc furrow openers without fertilizer application
- SKP - 12KU - precision planter with fertilizer application option




SKP-12KU "BERESTYE"

Precision planters SKP-8 KU/ 12KU are designed for single-seeding of corn seeds (and similar seed material) with the possibility of simultaneous application of mineral fertilizers. By using various seeding discs, it is possible to perform seeding of field crops.

With the use of seeding sections and additional special equipment, seeding into mulch is possible. For proper operation of the planter, preliminary soil preparation is required.

During the seeding process, control of seeding rate, monitoring of seed tube blockages, control of seed material level, accounting of treated area, and control of seeding norms are carried out. It is aggregated with tractors of 5 traction class, equipped with rear and front three-point mounts.

Technical Specifications

	SKP-8/8KU "BERESTYE"	SKP-12/12KU "BERESTYE"
Type	semi-mounted	semi-mounted
Number of seed rows, pcs	8	12
Inter-row distance, cm	70-75	70-75
Number of hoppers, pcs	8	12
Hopper capacity, l	8x40=320	12x40=480
Volume of the front seed hopper, l	1630	1630
Weight of the front seed hopper, kg	450	450
Seed embedding depth, cm	4-8	4-8
Sowing rate for fertilizers, kg/ha	30-250	30-250
Working speed, km/h	5-7	5-7
Performance, ha/hour	до 6,70	до 10,08
Overall dimensions of the machine in transport position, mm, maximum		
Length	7250	10950
Width	2570	3100
Height	2000	3100
Weight, kg, (without spare parts)	3000	4200
 Tractor pulling class	2-3	5
Power	≈ 130-155 hp	≈ 300 hp and above

ROLLER FOR SOIL COMPACTION

DISTINCTIVE FEATURES:

- ✔ Cambridge roller
- ✔ Pneumatic brakes
- ✔ Each section operates independently across the entire working width for even weight distribution across the working width

MODEL VARIANTS:


KP-12 - roller for pre-sowing and post-sowing soil treatment



KP-12

THE KP-12 ROLLER IS INTENDED FOR PRE-SOWING AND POST-SOWING SOIL TREATMENT. IT PROVIDES EFFECTIVE COMPACTION AND LEVELING. FOR OPTIMAL SEED GERMINATION, IT IS RECOMMENDED TO USE THE KP-12 ROLLER AFTER SOWING OPERATIONS. EQUIPPED WITH FIVE SECTIONS WITH "CAMBRIDGE" RINGS 550/570 MM, WHICH ALLOWS THE ROLLER TO BE USED FOR COMPACTION OF SOIL WITH YOUNG PLANTS (TO IMPROVE ROOT CONTACT WITH MOIST SOIL). THE KP-12 ROLLER IS AGGREGATED WITH TRACTORS WITH A POWER OF AT LEAST 250 HP AND IS EQUIPPED WITH A PNEUMATIC BRAKING SYSTEM.

TECHNICAL SPECIFICATIONS

	KP-12
Support wheels	480/45-17
Diameter of the roller wheel, mm	550/570
Diameter of the gear shaft for the wheel, mm	65
Working speed, km/h	10-13
Central frame, mm	100x100x10 + 80x80x10
Section frame, mm	150x150x10
Performance, ha/h	9,8-12,6
OVERALL DIMENSIONS, MM, MAXIMUM:	
Length	6000
Width	3100
Height	2500
WEIGHT, KG, (WITHOUT SPARE PARTS)	8350
 TRACTOR PULLING CLASS POWER	5 ≈ 300 hp and above

SOIL PROCESSING SEEDERS

DISTINCTIVE FEATURES:

- ☑ Type: mounted/ semi-mounted
- ☑ Wear-resistant conical discs for working with soils containing stones
- ☑ Intensive crushing of the cut soil layer
- ☑ Rubber shock absorbers for aggregate protection
- ☑ Reduction of load on the tractor mounting

CONFIGURE-TO-ORDER:

- Types of rollers: tubular, disc or toothed

MODEL VARIANTS:

- AP-6-08 T - semi-mounted tubular soil processing seeders
- AP-6-10D - semi-mounted disc soil processing seeders
- AP-6-12 T - mounted tubular soil processing seeders
- AP-6-14 D- mounted disc soil processing seeders
- AP-6-13 Z - mounted toothed soil processing seeders
- AP-6-09 Z - semi-mounted toothed soil processing seeders




AP-6 "BERESTYE"

DESIGNED FOR PRIMARY AND PRE-SOWING SOIL TREATMENT FOR GRAIN, TECHNICAL, AND FORAGE CROPS, AS WELL AS STUBBLE PROCESSING, PASTURE AND MEADOW IMPROVEMENT.

EQUIPPED WITH TWO ROWS OF CONICAL DISCS WITH A FIXED ANGLE OF ATTACK AND A ROLLER FOR LEVELING. THE UNIT PERFORMS CRUSHING, INCORPORATES PLANT RESIDUES AND WEEDS, CREATING A LOOSENED AND LEVELED LAYER OF SOIL. TO MAINTAIN UNIFORM SOIL TREATMENT AS THE DISCS WEAR, THERE IS A POSSIBILITY TO SHIFT THE STANDS WITH DISCS ON THE BEAMS. THE PROTECTION ELEMENT OF THE STANDS CONSISTS OF RUBBER SHOCK ABSORBERS.

SIDE LEVELING IS CONTROLLED BY SIDE DEFLECTORS, WHILE FINGER HARROWS REGULATE THE FLOW OF SOIL, LEAVING FINE SOIL CLODS ON TOP FOR BETTER SEED GERMINATION. THERE IS A POSSIBILITY TO USE SEVERAL TYPES OF HEAVY ROLLERS FOR COMPACTING AND LEVELING ANY TYPE OF SOIL.

TECHNICAL SPECIFICATIONS

	AP-6-08 T; AP-6-09Z	AP-6-12 T; AP-6-13Z
Type	mounted	semi-mounted
Hourly performance during main time, ha	до 8,4	
Operating width, m	6	
Number of rows of discs	2	
Number of working elements (discs), pcs.	48	
Disc shape	конус	
Disc diameter, mm	565	
Working speed during main operations, km/h	от 8 до 15	
Processing depth, cm	5-16	
Dry structural mass, kg	4500	
Distance between the first and second rows of discs, mm	900	
Frame height, mm	600	
WEIGHT, KG, (WITHOUT SPARE PARTS)	6800	4500
 TRACTOR PULLING CLASS	5	
POWER	≈ 300 hp and above	

SUBSOILER

SUBSOILER

DISTINCTIVE FEATURES:

- ✔ Type: mounted
- ✔ Operating width 4.3 m
- ✔ Processing depth: up to 70 cm
- ✔ 5 chisel tines
- ✔ Availability of support wheels

MODEL VARIANTS:


- GR-70K- subsoiler with support wheels
- GR-70KT - subsoiler with support wheels and rollers for soil compaction



GR-70KT

GR-70 KT IS DESIGNED FOR PRIMARY NON-INVERSION SOIL TREATMENT AND BREAKING THE PLOW SOLE, IDEALLY SUITED FOR ALL SOIL TYPES. IMPROVES SOIL DRAINAGE. FOR COMPACTION AND LEVELING OF SOIL AFTER PASSING WITH A DEEP TILLER PLOW, A REAR ROLLER CAN BE USED AS AN ADDITIONAL OPTION.

TECHNICAL SPECIFICATIONS

	GR-70 KT
Type	mounted
Characteristics of working elements	chisel tine
Operating width, m	4,3
Number of chisel tines, pcs.	5
Working speed during main operations, km/h	8-12
Transport speed, km/h, maximum	25
Processing depth, cm	25-70
Distance between stands, cm, maximum	82
Hourly performance during main time, ha/h	3,4 – 5,2
Tubular Cambridge roller, outer diameter, mm	450
OVERALL DIMENSIONS IN TRANSPROT POSITION, MM, MAXIMUM	
Length	3400
Width	4400
Height	1600
WEIGHT, KG, (WITHOUT SPARE PARTS)	
 TRACTOR PULLING CLASS POWER	5
	≈ 300 hp and above

**PRODUCTION OF
OJSC “MOLODECHNO
MACHINE-TOOL PLANT”**



COTTON CULTIVATOR-PLANT FEEDER KRH-1 IS DESIGNED FOR INTER-ROW PROCESSING OF COTTON AND OTHER TALL-STEMMED CROPS. LASER FIELD LEVELLER LPG-4000 IS INTENDED FOR LEVELING THE SURFACES OF FIELDS, CONSTRUCTION SITES, AND MORE.

DISTINCTIVE FEATURES:

- Type: mounted
- Width of processed inter-rows 60/90 cm
- Number of processed rows - 4 pcs
- Processing depth up to 25 cm
- The configuration of the aggregate is divided into 2 parts.
- Possibility of fertilizer application

MODEL VARIANTS:

KRH-1 - cotton cultivator-plant feeder



KRH-1

DISTINCTIVE FEATURES:

- Type: trailer
- Accuracy of surface processing ± 3 cm
- Hydraulic drive for adjusting the angle of the blade
- Width of blade coverage - 4 m.
- Transport width - 2.5 m.


MODEL VARIANTS:

LPG-4000 laser field leveller



LPG-4000

TECHNICAL SPECIFICATIONS

	KRH-1	LPG-4000
Type	mounted	trailer
Width of processed surface coverage, m	до 3,6	4
Hourly performance during main time, ha	1,1-2,2	-
Processing depth, cm	6-25	-
Working speed, km/h	6-12	6-12
Depth of fertilizer application, cm	12-18	-
OVERALL DIMENSIONS, MM, MAXIMUM		
Length	6000	5000
Width (in working/ in transport position)	4300	4000/2500
Height	1900	3500
WEIGHT, KG, (WITHOUT SPARE PARTS)		
 TRACTOR PULLING CLASS POWER	1,4	3 and above
	≈ 80-88 hp	≈ 155 hp and above

An aerial photograph of a dense forest. The trees are mostly coniferous, with their tops creating a textured canopy. The colors range from deep green to bright yellow-green, suggesting a mix of tree species or perhaps the onset of autumn. The perspective is from directly above, looking down on the forest floor.

PRODUCTION OF OJSC "NIISTROMAVTOLINIYA"

PRESS FOR COMPRESSION (UZHIM) 540

DISTINCTIVE FEATURES:

- ☞ Mechanical ejection of the bale during the return stroke of the press plate
- ☞ Manual binding of the bale
- ☞ Ability to compress porous materials
- ☞ Pressing force 8 tons
- ☞ Volume of press chamber 0.55 m³
- ☞ Two threads for binding the bale



COMPLEX FOR PACKAGING HAY, STRAW, SAWDUST, AND ANIMAL FEED MIXTURES

DISTINCTIVE FEATURES:

- ☞ Two-component: Press UZHIM 956 and feeding conveyor UZHIM 542
- ☞ Type of conveyor belt: rubber-fabric chevron
- ☞ Length of conveyor along drum axes 4,500 mm.
- ☞ Composition, parameters, characteristics, and layout of the line are implemented according to the customer's technical specifications.



LINE OF PRESSING SECONDARY MATERIALS

DISTINCTIVE FEATURES:

- ☞ Composite: Horizontal baler with pressing force 40 tons (UZHIM 527), belt conveyor with hopper (UZHIM 583), pet bottle perforator (UZHIM 546-07).
- ☞ Composition, parameters, characteristics, and layout of the line are implemented according to the customer's technical specifications.



OVERALL DIMENSIONS, MM, MAXIMUM	CONVEYOR UZHIM 583	PERFORATOR UZHIM 546-07	PRESS UZHIM 527	PACKAGING LINE
Length	6800	3650	5600	9500
Width	3900	1900	1900	5600
Height	2300	2660	2600	2660
WEIGHT, KG	1250	620	3500	5500

SERVICE AND ORIGINAL SPARE PARTS



HIGH LEVEL OF SERVICE - by purchasing products from the holding "Bobruiskagromash" , the consumer receives long-term commitments for quality warranty and post-warranty service of equipment throughout its entire operational life.

Maintenance of "Bobruiskagromash" equipment is carried out by qualified specialists who are well-acquainted with the design features of the manufactured machines and possess the necessary technical means and skills for servicing and repairing operating equipment.

An important step for the development of the "Bobruiskagromash" holding is the expansion of the geography of the service network.

ORIGINAL SPARE PARTS - stable operation of agricultural machinery is a prerequisite for success in agriculture. Holding "Bobruiskagromash" is a reliable supplier of original spare parts, components, and consumables. By using original spare parts, you extend the service life and enhance the performance of your equipment!

Our specialists are always ready to assist in selecting the optimal solution for supplying spare parts for your machinery.

Together we are getting better!

EXPORT GEOGRAPHY



NOTES:

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OJSC "HOLDING MANAGEMENT COMPANY "BOBRUISKAGROMASH"

5, SHINNAYA STR., BOBRUISK, 213822, REPUBLIC OF BELARUS
delo@agromash.by

DEPARTMENT FOR COMMERCE TO THE REPUBLIC OF BELARUS
+375 (225) 72-41-73
sbit@agromash.by

DEPARTMENT FOR COMMERCE TO NEIGHBORING COUNTRIES
(RUSSIA, KAZAKHSTAN, GEORGIA, AZERBAIJAN, KYRGYZSTAN)+375 (225) 72-41-73
market@agromash.by

DEPARTMENT FOR COMMERCE TO FAR ABROAD COUNTRIES
+375 (225) 72-40-41
export@agromash.by

SPARE PARTS SALES BUREAU
+375 (225) 72-41-60, +375 (225) 72-41-67

TECHNICAL SERVICE AND STANDARDIZATION MANAGEMENT
+375 (225) 72-56-85, +375 (225) 72-41-44



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