

KOBLIK GROUP

2025



CATALOG OF TRAILED VEHICLES

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PRODUCTION ELEVATOR (MIXED FEED) UP TO 130,500 TONS

Agroeco Group of Companies, Voronezh region, Pavlovsky district, village of Gavrilsk



HARVESTING COMPLEX (LIVESTOCK FEED) - STORAGE OF UP TO 42,500 TONS

LLC SHP Novomarkovskoye (AH Molvest), Voronezh region, Novomarkovka village



HARVESTING COMPLEX (COMPOUND FEED) UP TO 10,500 TONS

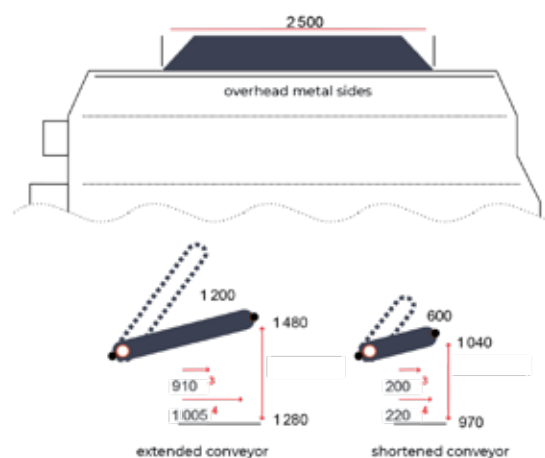
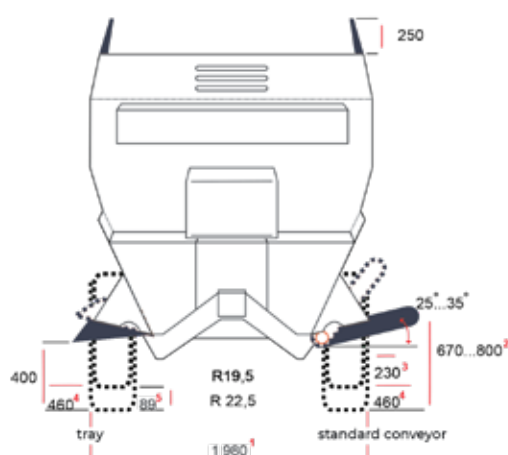
JSC "Ryazanskiy svinocomplex", Ryazan region.

MH SERIES

SHREDDERS-MIXERS-FEED DISTRIBUTORS WITH HORIZONTAL AUGERS

Designed for the preparation of a complete feed mixture (CFM) from components (green mass, silage, haylage, loose and pressed hay, straw, compound feed, root crops, briquetted and liquid feed additives)

They are equipped with an electronic weighing system, which significantly improves control over loading and unloading of the components of the mixture

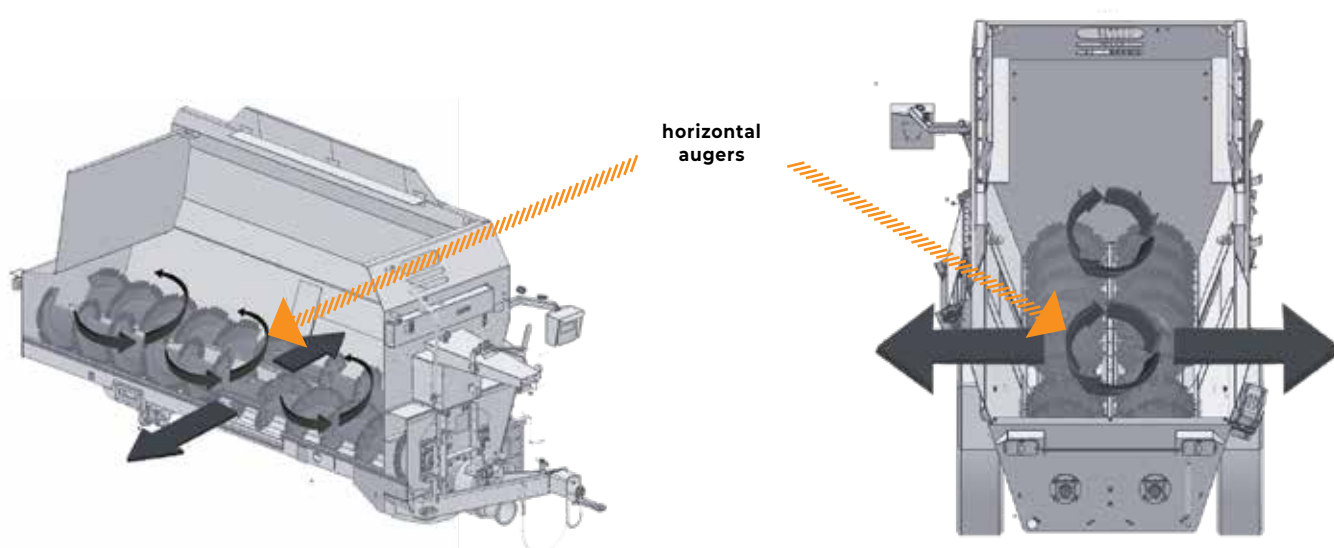


- ¹ Size on the outer surfaces of the wheels 22.5 mm (with basic configuration) MH 120
- ² Height of unloading by conveyor at slopes of 25-35° degrees, mm height
- ³ Size for calculating the width of the feed dispenser on the

conveyor side in the transport position, mm

- * When using wheels R19.5, all height dimensions are reduced

FEATURES OF MACHINES OPERATION WITH HORIZONTAL AUGERS



Basic models of the MH series

MH 080 / MH 150

ADVANTAGES

- **TWO VERSIONS WITH UPPER AND LOWER COUPLING** for compatibility with tractors of different models, including tractors of the MTZ type
- **ADDITIONAL FILTER ELEMENT AT THE INLET OF THE HYDRAULIC PUMP**
- **THE POSSIBILITY OF USING ON STANDARD CONSTRUCTION SITES** compact dimensions, corresponding to the geometry of the tractor
- **WEIGHT SYSTEM ON ALL MODELS OF THE SERIES**
- **INCREASED RELIABILITY AND LOWER LOAD ON THE HYDRAULIC MOTOR** due to the autonomous circuit of the hydraulic system
- **WIDE-ANGLE DRIVESHAFT WITH SAFETY AND OVERRUNNING COUPLINGS** with a maximum angle of up to 80° degrees
- **A TWO-SPEED STEP-DOWN GEARBOX** already in the basic configuration allows you to use four feed mixing modes, (saving time, engine life, fuel by 20%)
- **A SET OF SUPERSTRUCTURED METAL SIDES**
- **HIGH GROUND CLEARANCE** for use in adverse road conditions

MH 080



MH 150



BASIC TECHNICAL DATA

NAME	MEANING	
	MH 080	MH 150
Load capacity,t/ Hopper capacity, m ³	3,5 / 8	5 / 15
Weight, t	4,5	5,6
Overall dimensions (d/w/h) mm	5 690	6 760
	2 330	2 360
	2 380	2 750
Ground clearance, mm	250	360
The minimum height of unloading the feed mixture, mm	810	920
Transport speed with/ without cargo, km/h	8,0 / 12,0	
Working speed when distributing feed, km/h	5	
Two-speed gearbox	option	basic equipment
Number of augers	2	
Aggregation	of the lower coupling	lower coupling
Tractor traction class /Power kW, not less (hp)	1,4 / 50 (68)	2,0 / 55 (75)
Tire size (basic version)	265/70-R19,5	385/65-R22,5

FEATURES



Remote control



A second unloading conveyor for working on both sides



The bottom of the hopper is made of 8 mm thick stainless steel



Magnetic Metal Object Catcher 800 mm

Models of the MH series with a loading mill

MH 120M / MH 150M

They differ from the basic model by the presence of a milling cutter designed to load silage directly from the silo trench. The excavation and loading of the silo with a milling cutter is carried out in vertical layers without violating the integrity of the adjacent layers, which protects the feed from secondary fermentation, preserving its nutritional properties. The reversible rotation of the milling cutter allows the silo to be loaded along the trench height with a capacity of more than 3 tons in 5 minutes

ADVANTAGES

- REDUCTION OF FEED PREPARATION TIME**
due to simultaneous loading and mixing of feed components in the mixing hopper of the feed dispenser
- INCREASED RELIABILITY**
thanks to the autonomous circuit of the hydraulic system



BASIC TECHNICAL DATA

NAME	MEANING	
	MH 120M	MH 150M
Load capacity,t/Hopper capacity, m³	3,5 / 12	4,5/ 15
Weight, t	5,9	6,8
Overall dimensions (d/w/h) mm	7 070	7 480
	2 220	2 360
	2 600	2 750
Ground clearance, mm	310	360
The maximum height of unloading the feed mixture, mm	830	1220
Transport speed with/without cargo, km/h	8,0 / 12,0	
Working speed when distributing feed, km/h	5	
Two-speed gearbox	basic equipment	
Number of augers	2	
Aggregation	of the upper / lower coupling	lower coupling
Tractor traction class/Power kW, not less (hp)	1,4 / 55 (75)	2 / 60 (80)

FEATURES



High mobility milling loader



Bulldozer knife for dense masses



Loading the feed silo in the mixing hopper



The lifting height of the milling cutter is up to 4 meters

Model of the MH series with a grab loader

MH 120G

A grab loader mounted on the back wall (unlike most analogues, where the grab is located on the side), mechanizes the loading of long-fiber feed components (hay, straw, haylage) into the mixing bath of the feeder

ADVANTAGES

- THE POSSIBILITY OF FEEDING EQUIPMENT INTO THE LOADING AREA BY REVERSING THE TRACTOR
- STANDARD MACHINE DIMENSIONS IN HEIGHT AND WIDTH, WITHOUT INCREASING THE DIMENSIONS OF THE LOADER PROTRUSION due to the ergonomic location of the grab



BASIC TECHNICAL DATA

NAME	MEANING
	MH 120G
Load capacity,t/ Hopper capacity, m³	3,5 / 12
Weight, t	5,4
Overall dimensions (d/w/h) mm	7 010
	2 235
	2 580
Ground clearance, mm	365
The maximum height of unloading the feed mixture, mm	760
Transport speed with/ without cargo, km/h	8,0 / 12,0
Working speed when distributing feed, km/h	5
Two-speed gearbox	basic equipment
Number of augers	2
Aggregation	of the upper / lower coupling
Tractor traction class/Power kW, not less (hp)	1,4 / 50 (68)

FEATURES



Convenient mechanized loading up to 300 kg



The angle of rotation of the grab is -240° without turning the machine



The maximum (and sufficient) boom reach is 3.2 m (loading height is 4 m)



The grab does not go beyond the dimensions of the feeder

Model of the MH series with an increased volume of the hopper

MH 120

The feed dispenser is designed for crushing, mixing and distributing feed mixtures

ADVANTAGES

- THE INCREASED VOLUME OF THE HOPPER is 12.8 m³
- INCREASED VOLUME HYDRAULIC TANK – 45 l
- THE POSSIBILITY OF USING ON-SITE TYPICAL BUILDINGS compact dimensions, consistent with the geometry of the tractor
- WEIGHT SYSTEM ON ALL MODELS OF THE SERIES
- INCREASED RELIABILITY thanks to the autonomous circuit of the hydraulic system
- THE CONVENIENCE OF SUPPLEMENTING THE FEED MIXTURE WITH PREMIXES through the opening back cover of the hopper
- INCREASED STRENGTH OF THE BOTTOM OF THE HOPPER due to the stainless steel lining

BASIC TECHNICAL DATA

NAME	MEANING
	MH 120
Load capacity,t/Hopper capacity, m ³	4 / 12,8
Weight, t	4,9
Overall dimensions (d/w/h) mm	6 380 2 180 2 600
Ground clearance, mm	350
The minimum height of unloading the feed mixture, mm	820
Transport speed with/without cargo, km/h	8,0 / 12,0
Working speed when distributing feed, km/h	5
Two-speed gearbox	basic equipment
Number of augers	2
Aggregation	of the upper / lower coupling
Tractor traction class/Power kW, not less (hp)	1,4 / 50 (75)
Tire size (basic version)	295/80-R22,5

MH 120



FEATURES



Stainless steel inserts with a thickness of 3 mm on the bottom and side surfaces



Opening lid on the back wall of the hopper



Possibility of execution of the bottom of the hopper with a thickness of 12 mm (long service life)



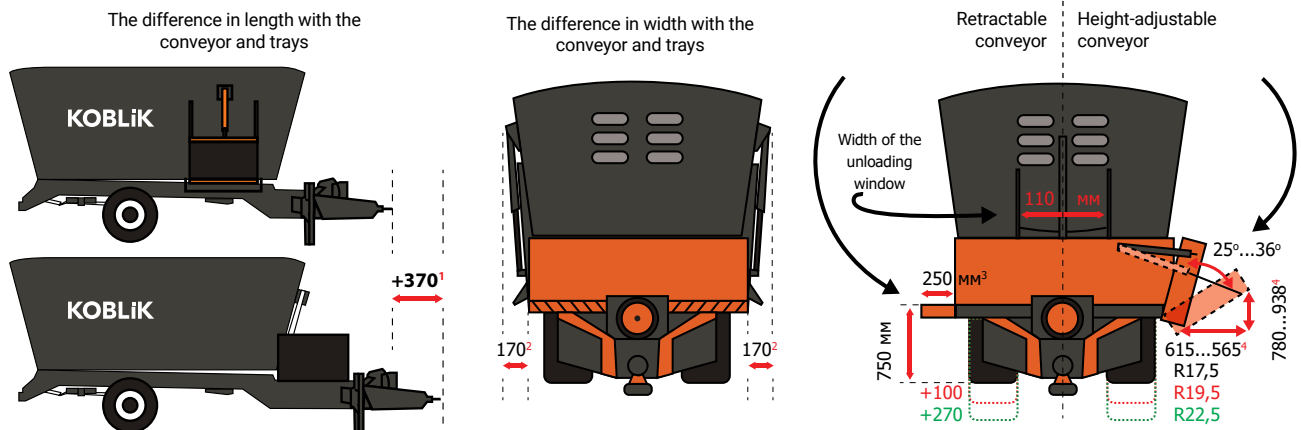
The diameter of the screws, taking into account the protrusion of the knives, is 540 mm with a dividing plate

MV SERIES

FEED MIXERS WITH VERTICAL SCREW ARRANGEMENT

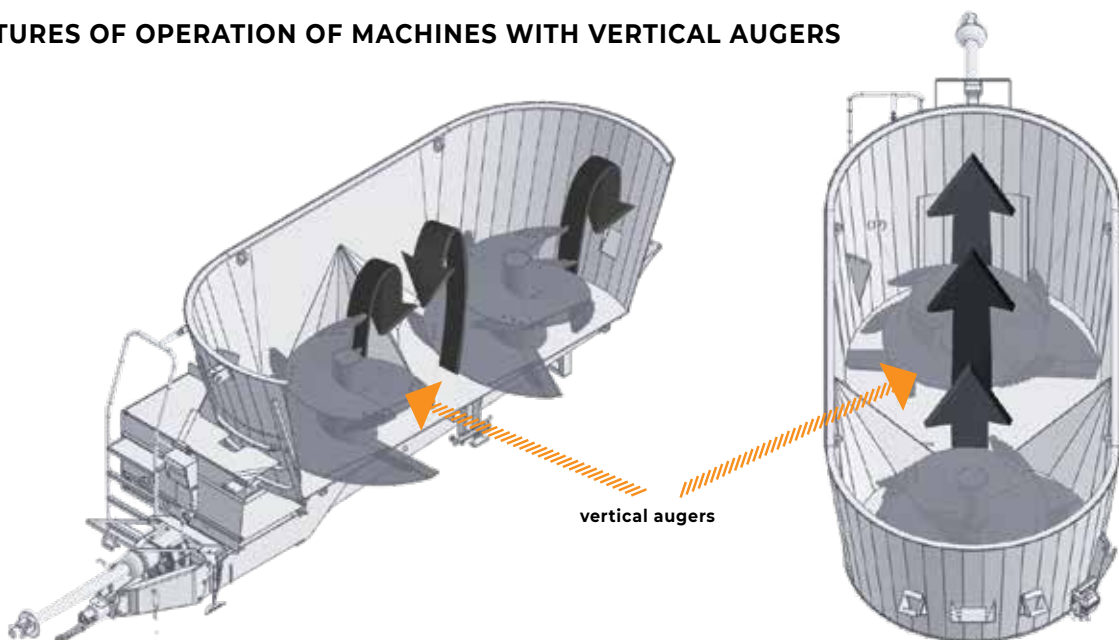
Mixers-distributors are designed for additional grinding, mixing, and distribution of a ration feed mixture Cattle in feeders and on the feed table. A wide range of one-, two- and three screw units with a cubic capacity from 6 to 34 m³ makes it possible to choose the optimal model depending on the livestock and conditions of a particular farm

It is possible to install chain or belt conveyors of various types, or an unloading tray/trays. The reversible conveyor can distribute the feed to the right or left side. The addition of a height-adjustable conveyor allows unloading feed into feeders



- ¹ The size by which the feed dispenser increases when installing a reversible conveyor, mm the length of the front
- ² The size by which the width of the feed dispenser is reduced when installing the front reversible conveyor instead of the side trays, mm
- ³ The size by which the width of the feed dispenser increases with the maximum opening of the retractable conveyor, mm
- ⁴ Height and width of the adjustable conveyor at an inclination of 25-36°, mm

FEATURES OF OPERATION OF MACHINES WITH VERTICAL AUGERS



ADVANTAGES

- **INCREASED WEAR RESISTANCE OF AUGERS**
due to the manufacture of a spiral made of hardened steel by hot stamping
- **THE NEW FINNED SHAPE OF THE HOPPER**
increases its strength, improves the mixing process and prevents the feed from hanging
- **FUEL SAVINGS OF UP TO 20%**
by reducing the load on the PTO
- **WIDE-ANGLE DRIVESHAFT**
with safety and overrunning couplings
- **THE HEIGHT-ADJUSTABLE CONVEYOR**
allows for lossless unloading into various height feeders and onto the feed table
- **RETRACTABLE FRONT REVERSIBLE**
The conveyor allows you to increase the range of unloading of the feed mixture in any of the sides
- **REVERSIBLE CONVEYOR MADE OF PVC TAPE**
reduces the noise level when unloading feed
- **THE MAGNETIC CATCHER**
protects the feed from ingress of metal particles and objects
- **WEIGHT SYSTEM ON ALL MODELS OF THE SERIES**

FEATURES



Durable wide-angle driveshaft



Precise four-point weighing system



More stable when moving off-road



The weight indicator of the DG 400 model on all MV series feed dispensers

MV series machines with frame construction

ADVANTAGES

- **THE FOUR-POINT WEIGHING SYSTEM**
ensures control and accuracy of weighing

MV series machines in frameless design

ADVANTAGES

- **SIGNIFICANT REDUCTION OF THE TRACTOR'S PTO LOAD**
thanks to the two-speed gearbox



Convenient conveyor



Reversible conveyor



Reversible low-noise conveyor made of durable PVC tape



Magnetic Metal Object Catcher

Single screw models of the MV series

MV 060 / MV 110

ADVANTAGES

- THE MINIMUM DIMENSIONS**
fit into the dimensions of tractors like MTZ-80 and MTZ-82, due to the use of a turbocharger with 7 knives
- ACCELERATED FEED PREPARATION PROCESS WITHOUT THE HELP OF COUNTERWEIGHTS**

AVAILABLE OPTIONS (ONLY FOR MV 110)

- THE SECOND DISCHARGE TRAY**
- ADDITIONAL HEIGHT-ADJUSTABLE CONVEYOR**



MV 060



MV 110

BASIC TECHNICAL DATA

INDICATOR NAME	VALUE	
	MV 060	MV 110
Type	semi-trailer	
Execution of the power frame	carrier hopper	frame
Type of unloading	*	* / **
Weight, no more .t	2,4	3,8
Load capacity, no more .t	2,0	3,5
Hopper volume, m3	6,0	10,0
Overall dimensions (L/W/H), mm	4 010	4 455* / 5 110**
	2 330	2 340* / 2 230**
	2 440	2 635* / 2 675**
Width along the side surfaces of the wheels, mm	1 690±5	
Maximum side discharge height (maximum barrier height), mm	790	860
Loading height, not less than, mm	2 400	2 800
Ground clearance, not less than, mm	300	350
Transport speed with/without cargo, km/h	8,0 / 12,0	
Working speed at feed distribution, km/h	5	
Required tractor power, kW (hp)	40 (55)	50 (70)
Tires / bushing (basic version)	235 / 75 R17,5	265 / 70 R19,5 215 / 75R 17,5
Tires/bushing (optional version)	-	305 / 70 R19,5
Number/type of augers	1/ from the tractor PTO	

*front-right / rear-left unloading window
** reversible discharge conveyor

FEATURES



Large tires
(235/75R17,5-305/70 R19.5)
(reduced pressure and reduced frame loads)



Pneumatic double-circuit braking system for quick stop



Unloading window for easy delivery



High strength of the hopper due to the finned shape

Twin screw models of the MV series

MV 120 / MV 140 / MV 160 / MV 180 / MV 210

ADVANTAGES

- **FAST GRINDING OF FEED COMPONENTS**
by using 2 turbo augers with 8 knives
- **THE THICKNESS OF THE SIDE OF THE HOPPER HAS BEEN INCREASED** to 8 mm
- **THE SOLID BOTTOM OF THE HOPPER** is 16 mm thick
- **MIXING WITHOUT DEAD ZONES**

AVAILABLE OPTIONS

- **REINFORCED CONSTRUCTION**
- **4 UNIFIED WEIGHT BARS**
with a protective adjustable bolt
- **UNIVERSAL DRAWBAR WITH THE POSSIBILITY OF ADJUSTMENT**
to ensure the horizontal position of the feeder in coupling with the tractor
- **BELT CONVEYOR**
- **SCREW WITH LININGS MADE OF CORROSION-RESISTANT**

BASIC TECHNICAL DATA

INDICATOR NAME	VALUE					
	MV 120	MV 140	MV 140M	MV 160	MV 180	MV 210
Type	semi-trailer					
Execution of the power frame	frame					
Type of unloading	* / **		***	* / **		
Weight, no more ,t	5,54	5,74	8,0	6,0	7,1	7,3
Load capacity, no more ,t	5,5		3,5	5,5	7,0	7,0
Hopper volume, m3	12,0	14,0		16,0	18,0	21,0
Overall dimensions (L/W/H), mm	6 590	6 625	6 480	6 680	7 057	7 100
	2 480	2 480	2 460	2 480	2 930	2 930
	2 540	2 660	2 830	3 540	2 980	3 200
Width along the side surfaces of the wheels, mm	1 875±5			2 075±5	1 990±5	2 240±5
Maximum side discharge height (maximum barrier height), mm	835				960	
Loading height, not less than, mm	2 540	2 660	2 610	2 829	2 980	3 200
Ground clearance, not less than, mm	300	325	325		300	
Transport speed with/without cargo, km/h	8,0 / 12,0					
Working speed at feed distribution, km/h	5					
Required tractor power, kW (hp)	60 (80)			96 (130)		110 (150)
Tires / bushing (basic version)	385 / 55 R19,5			265 / 70 R19,5	295 / 80 R22,5	
Tires/bushing (optional version)	265 / 70 R19,5			385 / 55 R19,5	265 / 70 R19,5	
Number / type of augers	2 / or BOM трактора			2/from the tractor PTO		

* front-right / rear-left unloading window
** reversible discharge conveyor
*** 2 unloading windows



MV 120



MV 140



MV 140M

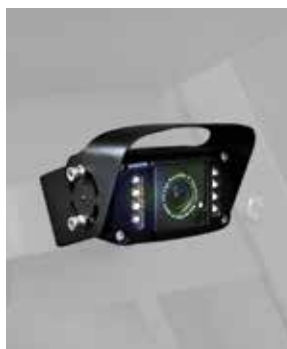
FEATURES



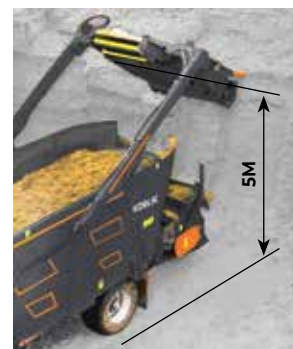
Two vertical cone-shaped augers



Loading milling drum model MV 140 M



Two CCTV cameras for full control



The maximum size of the feeder in height of the raised milling drum

Three-screw models of the MV series

MV 250 / MV 300 / MV 340

ADVANTAGES

- MINIMUM DIMENSIONS**
that fit into the dimensions of tractors like MTZ-1523
- FAST GRINDING OF FEED COMPONENTS**
by using 3 turbo augers with 8 knives
- REDUCING THE COST OF ADDITIONAL FEEDING EQUIPMENT**
due to the large mass of harvested feed in one step (from 11 tons)
- FAST UNLOADING IN THE DIRECTION OF THE SCREW MOVEMENT**
due to the location of the discharge trays on the side of the mixer
- OPTIMAL CONTROL OVER THE PROCESSES OF LOADING, MIXING AND UNLOADING OF THE FEED MIXTURE**
is ensured by the presence of viewing windows
- INCREASED WEAR RESISTANCE**
due to the use of inserts made of corrosion-resistant (stainless) steel to a height of 1 m from the bottom of the hopper and screws with linings made of corrosion-resistant steel (optional)



MV 340



BASIC TECHNICAL DATA

INDICATOR NAME	VALUE		
	MV 250	MV 300	MV 340
Type	semi-trailer		
Execution of the power frame	frame		
Type of unloading	4 unloading windows		
Weight, no more ,t	9,1	9,5	11,0
Load capacity, no more ,t	11,0		13,0
Hopper volume, m3	25,0	30,0	34,0
Overall dimensions (L/W/H), mm	9 060	9 060	10 270
	2 850	2 850	2 545
	2 984	3 350	3 350
Width along the side surfaces of the wheels, mm	2 004 ± 5		2 545 ± 5
Maximum side discharge height (maximum barrier height), mm	993		1 320
Loading height, not less than, mm	3 000	3 400	2 800
Ground clearance, not less than, mm	390		
Transport speed with/without cargo, km/h	8,0 / 12,0		
Working speed at feed distribution, km/h	5		
Required tractor power, kW (hp)	110 (150)		130 (177)
Tires/bushing (basic version)	385 / 55 R22,5	445 / 65 R22,5	
Number/type of augers	3/from the tractor PTO		

FEATURES



Large tires(385 / 55 R22,5 - 445 / 65 R22,5)(low ground pressure and reduced frame loads)



Brakes powered by the tractor's pneumatic system for a quick stop



The gearbox reduces the load on the power take-off shaft



Large volume of the hopper (efficiency of one trip)

MS SERIES

MS 210

MS 140 / MS 160 / MS 180 / MS 210

STATIONARY FEED MIXER

It is intended for use in almost any animal housing (or outside under a canopy), where mobile devices can not be used due to narrow feeding passages. It is also justified in farms where cowsheds and feed storage sites are far from each other.

Additionally, it can be equipped with an automatic control system



ADVANTAGES

- **SIGNIFICANT REDUCTION OF THE LOAD ON THE UNIT DRIVE**
thanks to the two-stage gearbox
- **THE SECOND UNLOADING WINDOW**
is available optionally
- **ROLLING UNLOADING CONVEYOR**
- **GATE CONTROL FROM A REMOTE ELECTRIC REMOTE CONTROL**
- **WEIGHT SYSTEM ON ALL MODELS OF THE SERIES**

BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE			
	MS 140	MS 160	MS 180	MS 210
Weight, no more than ,t	5,7	5,9	5,9	7,2
Load capacity, no more than ,t	5,5	5,5	6,4	7,0
Hopper volume, m3	14,0	16,0	18,0	21,0
Overall dimensions (L/W/H), mm	8 150 2 350 2 460	8 200 2 400 2 640	8 250 2 450 2 680	8 300 2 500 2 900
Unloading height (window), mm	810			
Installation power, kW, not less	65		85	85
The material / cross section of the supply cable	is copper / at least 70			
Number/type of augers	2			

FEATURES



The unloading window is placed in agreement with the Customer



Electric drive system with soft start device



Stationary control panel for the unit's systems



2 conical angular gearboxes with a planetary mechanism to reduce mechanical losses

Weight control systems

DG 400

is a simple weighing microcomputer for small farms

- OPERATION IN THE TOTAL WEIGHT MODE/A PORTION
- DEGREE OF PROTECTION IP68 FOR HEAVY DUTY OPERATION

Microcomputer DG 400



PROGRAMMABLE WEIGHING TERMINALS

DG 600

is a programmable weighing microcomputer for medium-sized farms

- WORKING IN THE CLOUD USING DTM ADVANCED
- CONTROL OF COMPONENT DOWNLOADS BY PRESCRIPTION
- CONTROL OF RATION SHIPMENTS TO GROUPS
- ACCOUNTING FOR THE COST OF A DIET PER HEAD

Microcomputer DG 600



DG 8000 IC

programmable weighing microcomputer for large farms

- WORKING WITH THE "PREMIX" FUNCTION
- CONTROL OF THE MIXING TIME OF THE COMPONENTS
- CONTROL OF RESIDUES ON THE FEED TABLE
- COMPATIBILITY WITH SOFTWARE FOR EXPRESS FEED ANALYZERS
- THE ABILITY TO ADJUST THE DIET BASED ON THE ANALYSIS DATA

Microcomputer DG 8000 IC



ADDITIONAL EQUIPMENT

DINA TEL 3

DINA TEL 3

wireless terminal control panel for
installation on a loader



A duplicate display board

for installation in the field of view or on board the mixer,
to display weight readings remotely

A duplicate display board



DINA TEL 3 APP

is a mobile application for wireless management of
downloads/uploads in real time

DINA TEL 3 APP



Модем 3G

for transferring download recipes from a computer to a
weighing terminal and data on uploads from a weighing
terminal to cloud software

3G modem



DTM CORE

software for programming the ration, monitoring the
operator's work, accounting for the warehouse and the
cost of components. The software is operated from a
work computer, then the data is transferred to a weigh-
ing terminal installed on the feed dispenser

DTM Core



Complete sets of weighing systems

WEIGHING TERMINAL MK DG 400 + DUPLICATE DISPLAY

Simple weighing system for small farms



- DG 400
- display for displaying mass readings

WEIGHING TERMINAL MK DG 600 + DINA TEL 3 APP MOBILE APPLICATION

A weighing system with software for solving problems of large and medium-sized farms



- DG 600
- Smartphone app / Dynatel 3 APP
- cloud-based DTM Advanced modem for 3G data transmission

WEIGHING TERMINAL MK DG 600 + MOBILE APPLICATION FARMCHEF

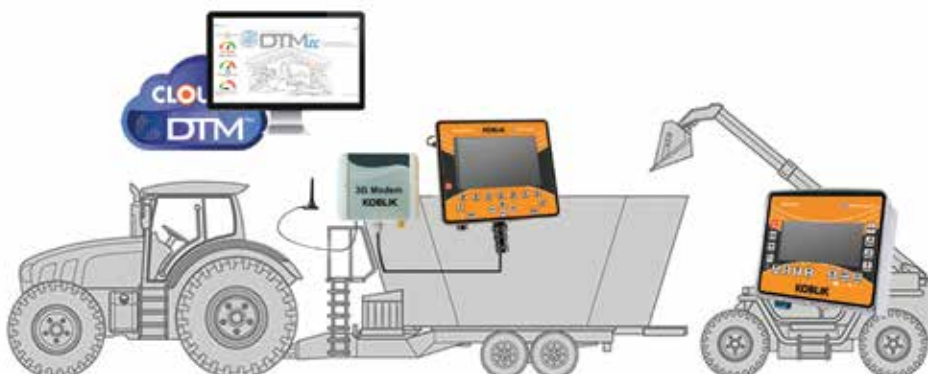
A weighing system with software for solving problems of medium and large farms



- DG 600
- FarmChef mobile app

WEIGHING TERMINAL MK VP 8000 IC + REMOTE CONTROL FOR DINA TEL 3 LOADER

Weighing system for operation in farms with a large amount of work



- DG 8000 IC
- Dina tel 3 control panel
- cloud software DTM IC
- modem for data transmission

RS SERIES

RS 150 / RS 150S / RS 250 / RS 250S

STRAW BLOWER DISTRIBUTOR

It is intended for the organization of deep bedding of cattle, distributes monofeed to the feed table or feeders, conducts preliminary grinding of long-fiber feeds to prepare a full-fledged feed mixture in vertical mixers.

RS 150



ADVANTAGES

RS 250

- **ACCELERATED SHREDDING OF STRAW**
 compared to other types of distributors due to two drums: milling and abundant
- **ADJUSTMENT OF THE EJECTION RANGE**
 by means of a remotely controlled hydraulic damper
- **ADJUSTMENT OF GRINDING TO A FRACTION OF 60-150 MM**
 by means of counterweights
- **EASE OF UNLOADING**
 is provided by a large angle of rotation of the discharge chute (up to 280°)



BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE	
	RS 150 / RS 150S	RS 250 / RS 250S
Load capacity, no more than ,t	1,6	2,5
Weight, t	2,5	4,0
Volume, m ³	2,5	8,0
Overall dimensions (L/W/H), mm	4 370	6 330
	2 300	2 300
	2 730	2 870
The maximum height of unloading on the feed table or into the feeder, mm	1 100	1 250
Tires	215 / 75 R17,5	265 / 70 R19,5
The size of the bedding material fraction, mm	120-150 / 60-180	120-150 / 60-180
Number of grinding drums, pcs.	1	2 / 1
Number of knives on the drum (straight / curved), pcs	48 / 18	72 / 24
The number of additional places for knives, pcs.	54	84
Humidity of the crushed material, %	20	
Required tractor power, kW (hp) / Tractor traction class	60 (80) / 1,4*	

* for all models except RS 250, for the RS 250 model, the parameters are 95 (130) / 2.0

FEATURES



The grinding milling drum is equipped with a bar with knives



Blow chute for control of the output vector



Hydraulic folding tailboard



Two-speed gearbox for flow control

RR SERIES

RR 150

RR 150

ROLL CUTTER

It is designed for crushing rolls of hay, haylage and straw with the supply of crushed mass to the burt, to the feed table or to the litter. The crushed mass is used for feeding, loading into a mixer-distributor or as a bedding material

After loading the roll into the hopper, it is crushed with the knives of the milling drum, followed by the release of the material to the right side. The ejection range is regulated by a remotely controlled hydraulic flap (fraction size 60 - 150 mm)

ADVANTAGES

- **CRUSHING OF ROLLS OF HIGH DEGREE OF HUMIDITY**
- **CONVENIENT SELF-LOADING**
due to the lateral position of the grip
- **FULLY CONTROLLED OPERATION PROCESS**
from the bunker side
- **ALLOWS YOU TO GET A LOOSE FEED MIXTURE**



BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE
	RR 150
Load capacity, no more than ,t	1,0
Weight, t	2,8
Volume, m ³	2,5
Overall dimensions (L/W/H), mm	4 750
	2 515
	2 365
The maximum height of unloading on the feed table or into the feeder, mm	800
Tires	265 / 70 R19,5
The size of the bedding material fraction, mm	60-150
Количество измельчающих барабанов, шт.	1
Number of grinding drums, pcs.	48 / 18
Number of knives on the drum (straight / curved), pcs.	-
Humidity of the crushed material, %	50
Required tractor power, kW (hp) / Tractor traction class	55 (75) / 1,4

FEATURES



The grinding milling drum is equipped with a bar with knives



Milling and saw drums for high-quality grinding



Self-loading of bales using a hydraulic folding tailboard



Two-speed gearbox for flow control by output or fork gripper

SF SERIES

SF 114

ORGANIC FERTILIZER SPREADERS

Basic models of the SF series

SF 110 / SF 114

The only monoaxial organic fertilizer spreaders produced in the CIS with a load capacity of up to 14 tons

Designed for surface application of solid organic fertilizers (peat, manure, compost) to the soil, as well as solid bulk materials (calx, chalk, dolomite flour)



ADVANTAGES

- THE SINGLE-TRACK CONVEYOR IS MADE OF HIGH-STRENGTH CHAIN**
- INCREASED RELIABILITY**
due to the autonomous circuit of the hydraulic system
- HYDRAULIC VALVE FOR ADJUSTING THE SPEED OF THE CONVEYOR**
- EXTENDED SERVICE LIFE**
due to the manufacture of the bottom of the spreader from high-quality steel

BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE	
	SF 110	SF 114
Load capacity, t / Hopper capacity, m ³	10 / 10	14 / 14
Weight, t	6	6,8
Overall dimensions (L/W/H), mm	7 410 2 700 3 425	8 510 2 810 3 420
Ground clearance, mm	370	
Tires	600 / 50 R30	650 / 75 R32
Track width, mm	2 100 ± 5	2 165 ± 5
The number of axles, of which are self-steering	1 / -	
The speed of the tractor's PTO when applied, rpm	1 000	
Tractor traction class / Power kW, not less (hp)	2/95 (130)	3/110 (150)

FEATURES



Mechanical chain tensioner of the unloading conveyor to protect against sagging and jerks



Large size tires (650 / 75 R32)



Sprung drawbar for shockless maneuvering



2 large diameter vertical beaters are equipped with knives and blades

Multifunctional spreader of the SF series

SF 218

SF 218

Designed for surface application of solid organic fertilizers (peat, manure, compost) to the soil, as well as solid bulk materials (lime, chalk, dolomite flour) with a load capacity of up to 18 tons



ADVANTAGES

- THE TWO-TRACK CONVEYOR IS MADE OF HIGH-STRENGTH CHAIN**
- EXTENDED SERVICE LIFE**
by manufacturing the bottom of the spreader from high-quality steel
- EFFICIENT DISTRIBUTION OF FERTILIZERS OVER A FIELD**
with a spreading width of up to 12 meters
- THE ABILITY TO REMOVE OBJECTS FROM THE BOTTOM SIDE, IF NECESSARY**
is provided by the open design of the lower part of the conveyor
- INCREASED STABILITY DURING MOVEMENT**
due to the use of reinforced axles with a hinge up to 9° degrees

BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE
	SF 218
Load capacity, t / Hopper capacity, m ³	18 / 14
Weight, t	9,3
Overall dimensions (L/W/H), mm	9 610 2 600 3 590
Ground clearance, mm	370
Tires	550 / 60 R22.5
Track width, mm	2 010±50
The number of axles, of which are self-steering	2 / 1
The speed of the tractor's PTO when applied, rpm	1 000
Tractor traction class / Power kW, not less (hp)	4 / 146 (200)

FEATURES



Mechanical chain tensioner of the unloading conveyor to eliminate jerks and sagging
Дополнительная регулировка



Additional adjustment of the conveyor speed for fine-tuning the stroke



Hydraulic locking device of controlled axles for high cross-country performance



Two large diameter vertical beaters to reduce wear with good grinding

Multifunctional organic fertilizer spreaders SF series

SF 320 / SF 324 / SF 325

They are designed for surface application of solid organic fertilizers (peat, manure, compost) to the soil, as well as solid bulk materials (lime, chalk, dolomite flour) in large volumes

ADVANTAGES

- THE TWO-TRACK CONVEYOR IS MADE OF HIGH-STRENGTH CHAIN**
- EXTENDED SERVICE LIFE**
due to the manufacture of the bottom of the spreader made of high-quality steel
- THE ABILITY TO REMOVE OBJECTS FROM THE BOTTOM SIDE, IF NECESSARY**
is provided by the open design of the lower part of the conveyor
- INCREASED STABILITY DURING**
movement due to the use of reinforced axles with a hinge up to 9° degrees

SF 325



SF 320



BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE		
	SF 320	SF 324	SF 325
Load capacity, t / Hopper capacity, m³	20 / 20	24 / 28	25 / 22
Weight, t	10,0	10,1	10,6
Overall dimensions (L/W/H), mm	9 260	9 260	10 200
	2 600	2 600	2 600
	3 650	3 750	3 700
Ground clearance, mm	480		
Tires	550 / 60 R22,5 (600 / 50 R22,5) *		
Track width, mm	1 920 ± 50		1 950 ± 50
The number of axles, of which are self-steering	3 / 2		
The speed of the tractor's PTO when applied, rpm	1 000		
Tractor traction class / Power kW, not less (hp)	5 / 210 (300)	5 / 210 (300)	5 / 210 (300)

* Optionally

FEATURES



Hydraulic chain tensioner of the unloading conveyor for autonomous regulation



Dual drive of the unloading conveyor for smooth feeding without congestion



Hydraulic locking device of controlled axles for increased cross-country capability



Balancing suspension of axles with parabolic springs

NPK 800

NPK 800

MINERAL FERTILIZER SPREADER

It is intended for surface application of solid mineral fertilizers in two types: granular and crystalline, as well as lime and dolomite flour. The width of the application is 24-36 m. The spreader hopper (with a volume of 8 m³) is completely made of stainless steel.

ADVANTAGES

- **A BELT CONVEYOR MADE OF RUBBER CLOTH**
allows you to maintain the structure of both powdered and granular fertilizers
- **THE STAINLESS STEEL METERING VALVE**
for setting the application rate has a clear scale, which is conveniently located in the field of view of the machine operator
- **FOLDING AWNING**
protects the spreader hopper from dampness and precipitation (2 versions - opening in any direction - both to the right and to the left)
- **THE HYDRAULIC SYSTEM**
allows you to open and close the hopper lid from the tractor cab
- **THE 8 M³ STAINLESS STEEL HOPPER**
allows you to extend the service life of the spreader even with the most aggressive types of fertilizers



- **THE LARGE VOLUME OF THE HOPPER**
increases the productivity of fertilization and saves fuel by reducing the time of transportation of fertilizers from storage sites to the field
- **THE GRATE INSIDE THE HOPPER**
breaks up lumps of fertilizers and prevents foreign bodies from entering the conveyor belt
- **THE CONVEYOR DRIVE FROM THE SPREADER WHEEL / TRACTOR PTO (OPTIONAL)**
allows you to unload fertilizers on site and can be used to apply lime and dolomite flour
- **AGRONAVIGATOR FOR PARALLEL TRACTOR DRIVING** to control the field coverage with applied fertilizer
- **A SPECIAL PLATFORM FOR THE MACHINE OPERATOR** for the convenience of loading fertilizers in big bags (optional)

BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE
	NPK 800
Load capacity, not more than, t / Volume, m ³	9,8 / 8,0
Weight, t	4,0
Overall dimensions (L/W/H), mm	6 600
	2 610
	3 200 * / 4 750 *** / 3 300 ****
Ground clearance, not less, mm	350 ***** / 590 *****
Tire dimension	570/75 R 26 *
	700/50 R 26.5 **
The drive of the working body	from the tractor PTO
The brake drive	pneumatic
The drive of the plates	hydraulic * / mechanical **
Type of coupling	upper * / lower **
Vehicle speed / operating speed, km/h, no more	25 / 10-12
The speed of the tractor's PTO when applied, rpm	540
Required PTO power, kW (hp)	60/(82)
Working width of application, m	24 - 36

* basic design
** option
*** with the lid raised, mm
**** loading (on the sides), mm

***** upper coupling
***** lower coupling

FEATURES



Hydraulic cylinders for conveyor drive control



Spreading plates (distribution width)



Stainless steel hopper 8 m³



Stainless steel grate inside the hopper (protecting the product from litter and ensuring uniformity of filling)

SERIES TS

TS 212

SEMI-TRAILERS DUMP BUCKET

Basic models of the TS series

TS 212 / TS 215 / TS 218

They are designed for transportation and unloading of various agricultural and construction goods. They are effective in transportation, mechanized unloading of silage, grain, sawdust, manure, compost, as well as "heavy" loads – root crops, sand, gravel or snow; trailers of this type generate income all year round



ADVANTAGES

- **REDUCED DYNAMIC LOADS ON THE TRAILER AND TRACTOR**
 due to the use of suspension on parabolic springs
- **QUICK AND CONVENIENT COUPLING WITH THE TRACTOR**
 through the use of a locking check valve on the hydraulic support of the drawbar
- **TIGHTNESS DURING CLOSING**
 is ensured by means of a seal and an automatic locking of the rear side
- **THE SPECIAL SHAPE OF THE BODY**
 ensures unloading without residue
- **INCREASED RELIABILITY**
 due to the autonomous circuit of the hydraulic system (optional)
- **THE INCREASED RIGIDITY OF THE STRUCTURE**
 is set by additional reinforcing longitudinal ribs of the body
- **THE POSSIBILITY OF TRANSPORTING VARIOUS CARGOES**
 is provided by retrofitting with a grain loader auger and a root crop drop suppressor

BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE		
	TS 212	TS 215	TS 218
Load capacity, no more, t Weight, t	12	15	18
Macca, t	5,7	6,2	6,6
Overall dimensions (L/W/H), mm	7700 2550 2620/2800* / 3070**	7 850 2 550 2 990 / 3 040 * / 3 350 **	8 450 2 550 2 930 / 3 265 * / 3 575 **
Ground clearance, mm	300		
Transport speed with / without load, km/h	15,0 / 25,0		
Number of axles / of them self-steering	2 / 1 (optional)		
Aggregation	lower hitch		upper / lower hitch
Tractor traction class / Power kW, not less than (hp)	2 / 81 (110)	2 / 96 (130)	3 / 96 (130)

* / ** with a set of extension boards

FEATURES



Single- and double-circuit pneumatic or hydraulic braking system



Hydraulic tailgate with seal and auto lock



Tandem suspension to reduce swinging and oscillation



Hydraulic drawbar support for convenient parking

Semi-trailer dump bucket upgraded TS series

TS 325

TS 325

It is designed for transportation and unloading of various agricultural and construction goods. The trailer is equipped with a trapezoidal body to facilitate unloading

It is effective in transporting and mechanized unloading of silage, grain, sawdust, manure, compost, as well as "heavy" loads – root crops, sand, crushed stone or snow



ADVANTAGES

- **REDUCED DYNAMIC LOADS ON THE TRAILER AND TRACTOR** due to the use of suspension on parabolic springs
- **QUICK AND CONVENIENT COUPLING WITH THE TRACTOR** through the use of a locking check valve on the hydraulic support of the drawbar
- **TIGHTNESS DURING CLOSING** is ensured by means of a seal and an automatic locking of the rear side
- **INCREASED RELIABILITY** due to the autonomous circuit of the hydraulic system
- **THE INCREASED RIGIDITY OF THE STRUCTURE** is set by additional reinforcing longitudinal ribs of the body
- **VERSATILITY AND ALL-SEASON**
- **DRAWBAR DAMPING SYSTEM**
- **DUAL-CIRCUIT BRAKING SYSTEM**

BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE
	TS 325
Load capacity, no more, t	25
Weight, t	8,3
Overall dimensions (L/W/H), mm	9 950
	2 550
	2980 / 3 480 * / 3 980 **
Ground clearance, mm	400
Transport speed with / without load, km/h	15,0 / 25,0
Number of axles / of them self-steering	3/2
Aggregation	lower hitch
Tractor traction class / Power kW, not less than (hp)	5 / 221 (300)

* with a set of extension boards

FEATURES



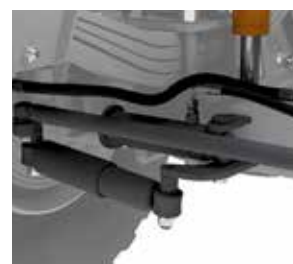
Steering rear and front axles with hydraulic lockinhg



Hydraulic tailgate with automatic locking and an unloading window in the rear side for installing a screw loader



Stabilization of the body during unloading



Hydraulic locking of steering axles for high cross-country ability

TM SERIES

TM 230 / TM 340

TM 340

UNIVERSAL SEMI-TRAILERS WITH A PUSHING WALL

They are designed for transportation and mechanized unloading of various agricultural goods: green mass, silage, haylage, hay, grain, sawdust, manure, compost, as well as "heavy" loads – root crops, snow, etc.

Horizontal unloading is carried out by pushing the wall through the rear open side, without lifting the body



ADVANTAGES

- **LARGE HOPPER VOLUME**
 compared to other types of semi-trailers for transportation
- **THE VERSATILE DESIGN (LOW PROFILE SQUAT SHAPE)**
 is suitable for transporting various cargoes and unloading in low buildings (grain warehouses)
- **VERSATILITY**
 it is possible to install a spreader
- **OPTION TO CONTROL THE TRANSPORTED GOODS**
 using a weighing system

TM 230



BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE	
	TM 230	TM 340
Load capacity, not more than, t	20,0	30,0
Volume, m ³	31,0	39,0
with a set of solid superstructure boards (h=250 mm)	34,7	39,9
with a set of mesh superstructure boards (h=450 mm)	38,0	43,6
Overall dimensions (L/W/H), mm	8 770	9 800
	2 550	2 550
	3 510	3 540
Ground clearance, not less than, mm	350	
Number of axles / of them self-steering	2/1 *	3 / 2
Transport speed with cargo / without load, km/h, no more	15,0 / 25,0	
PTO power required, kW (hp)	132,39 -161,81 (180-220)	161,81 - 220,65 (220-300)

* option

FEATURES



Tridem suspension with one or two pivoting/self-steering axles



Single-circuit pneumatic braking system



Semi-transparent front wall for full load control



Front wall speed control system

TL SERIES

TL 230

TL 230 / TL 340

RELOADING HOPPERS

They are designed for transportation and mechanized unloading of various agricultural goods: green mass, silage, haylage, hay, grain, sawdust, manure, compost, as well as "heavy" loads – root crops, snow, etc.

Horizontal unloading is carried out by pushing the wall through the rear open side, without lifting the body

ADVANTAGES

- **INCREASES GRAIN HARVESTING PRODUCTIVITY BY 30%**
- **VERSATILITY**
the ability to be used in various operations (harvesting, sowing, fertilization, grain transshipment to the current, shipment to the current)
- **LESS DOWNTIME**
due to delays in logistics
- **MINIMAL INJURY TO THE SOIL**
specialized wheels are used
- **THE OPTION OF CROP CONTROL**
in the field using a weighing system
- **REDUCTION OF THE FLEET OF TRUCKS INVOLVED**



TL 340



BASIC TECHNICAL DATA

THE NAME OF THE INDICATOR	VALUE	
	TL 230	TL 340
Own weight, t	8,8	11,6
Load capacity, no more than that, t	21	31
Volume, m ³	30,0	40,0
Overall dimensions (L/W/H), mm	8 680	10 680
	3 100	3 100
	3 870	3 870
Screw diameter (on unloading), mm	500	
Ground clearance, not less than, mm	400	
Track width, mm	2 300±5	
Number of axles / of them self-steering	2/1 *	3 / 2
Transport speed with cargo / without load, km/h, no more	15,0 / 25,0	15,0 / 25,0
PTO power required, kW (hp)	132-4 - 161-8 (180-220)	161-8 - 220,6 (1220-300)

*optionally

FEATURES



Body of optimized shape made of high-strength steel with a thickness of 4 mm



Suspension on strong parabolic springs



Independent pneumatic braking system



Steering rear and front axles with hydraulic locking



Official customer service

- THE WIDEST DEALER NETWORK - 70 DEALERS FROM KALININGRAD TO THE FAR EAST
- MORE THAN 100 DESIGN ENGINEERS ON STAFF
- PROMPT RESPONSE BY MOBILE SERVICE TEAMS, WITHIN 24 HOURS FROM THE MOMENT OF APPLICATION



SERVICES

- WARRANTY AND POST-WARRANTY SERVICE, EQUIPMENT REPAIR
- INSPECTION OF FACILITIES AND TRAINING ON MODERNIZATION AND PRODUCTIVITY IMPROVEMENT
- COMPLETE TRAINING ON THE OPERATION OF EQUIPMENT IN A SINGLE TRAINING CENTER



AFTER THE WARRANTY PERIOD EXPIRES, YOU CAN ALWAYS CONTACT CUSTOMER SERVICE:

- TO REPLACE WORN-OUT COMPONENTS, EVEN 10 YEARS AFTER THE START OF OPERATION OF THE EQUIPMENT



ORIGINAL SPARE PARTS



WARRANTY / POST-WARRANTY SUPPORT

We provide warranty obligations for a period of 12 months. During this period, the client receives comprehensive support from the official service department of the company for the maintenance and repair of grain cleaning machines, conveyors, grain dryers, silos and other equipment.

In addition, we provide an extended warranty for spare parts of our own production and undertake the provision of spare parts for equipment that has left the series, and the selection of analog spare parts.

Qualified specialists in the shortest possible time:

- answer your questions
- prepare recommendations on how to overcome the difficulties that have arisen
- they will promptly select the necessary composition of spare parts and consumables
- will carry out operational repairs

- TO RECEIVE SCHEDULED MAINTENANCE AND PROFESSIONAL REPAIR SERVICES WITH A GUARANTEE OF FULL RESTORATION OF OPERABILITY
- TO PURCHASE THE ENTIRE RANGE OF HIGH-QUALITY ORIGINAL COMPONENTS



YOU CAN SEND ALL QUESTIONS BY E-MAIL
SERVICE@KOBLIK.RU



KOBLIK.RU

394056, Россия, г. Воронеж, ул. Солдатское поле, д. 285/5
Тел. +7 (473) 206-77-77 info@koblik.ru

Дилерский центр в Вашем городе