



**WEIGHING
EQUIPMENT
PLANT**



**THE WEIGHING EQUIPMENT FACTORY
HAS BEEN ON THE MARKET FOR
16 YEARS**





COMMERCIAL PROPOSAL

A COMPLEX WITH A ROBOTIC ARM FOR PACKING INTO BIG BAGS

Weighing Equipment Plant LLC, a manufacturer of metering equipment for packing into Big-bag bags (MKR), has developed an **automated line for packing bulk materials into big bags with a robotic arm.**



- ◆ Packing capacity of the line: 40/60/80 Big Bag containers.
- ◆ Replacement of employees in conditions of personnel shortage.
- ◆ A variety of layouts are possible in terms of the number of dispensers, unwinders and robots.
- ◆ The equipment included in the complex is manufactured at our factory, with the exception of robotic manipulators.

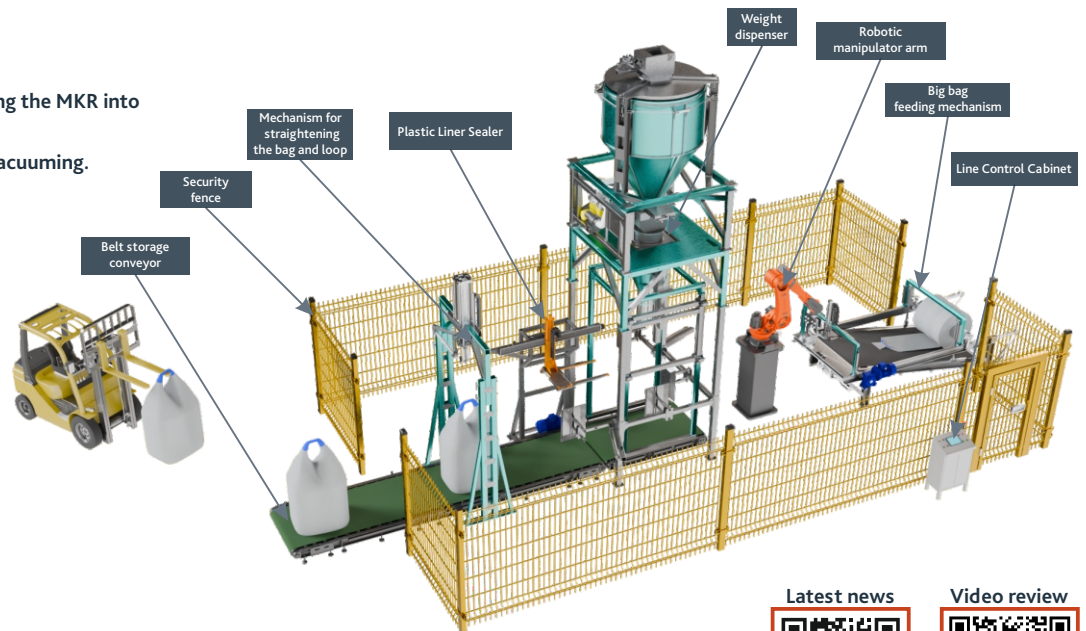
More information
about the product:



Characteristic	Meaning
Productivity, MKR/hour	40/60/80
Dispenser/line power supply, V	220/380
Nominal pressure of compressed air, Mpa	0,6...0,8
Operating temperature range, °C	от +5 до +45
Operating temperature range: with dehumidification and thermal cover on the robot arm, °C	от -20 до +45
Degree of protection of the dispenser with sensors	IP65
Maximum dosage limit, kg	2 000
The lowest dosage limit, kg	200
Relative humidity of the air, not less than, %	60
The accuracy class of dosing according to GOST 8.610-2012	X(1); X(2)

Maximum configuration:

- The frame is the base.
- Storage hopper, min 2.5 m³.
- Movable nozzle with pneumatic closure of the bag insert.
- Belt conveyor, min 4 m.
- A robotic arm manipulator.
- The table for unwinding and feeding the MKR into the capture zone by the robot.
- The sealer of the MKR liner with vacuuming.
- Big bag labeling system.
- Sampling system.
- The aspiration system.
- A stretcher (loop stretcher).
- The bag inflating system.
- Security fence.
- Service area.



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Payment terms: 50% prepayment, 50% upon availability
Production time: 70 working days
Delivery: TC at the expense of the buyer
Warranty period: 12 months

If you still have any questions, please contact us.:

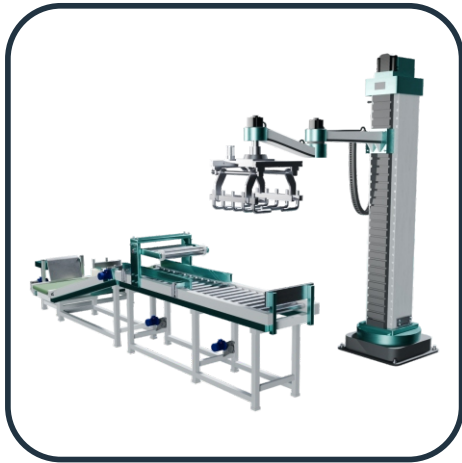
Sales Department:
Telephone: 8 (34792) 4-82-66 / 8 (800) 600-32-71
E-mail: info@uzvo.ru



COMMERCIAL PROPOSAL

PALLET LAYING LINE

Modern production requires not only high productivity, but also maximum automation of processes. One of the key tasks faced by enterprises is to stack bags on pallets. This process is often time-consuming, human-resource intensive, and error-prone. We offer a comprehensive solution for automating this stage – robotic bag stacking systems, which significantly simplify and speed up production processes.



Replaces the staff of movers from 2 to 6 people.



The capacity is up to 400 bags/hour.



Buy PPE



Pay taxes



Pay a salary



Pay vacation pay



It works 24/7



Does not get sick



Will reduce the marriage



Has no bad habits

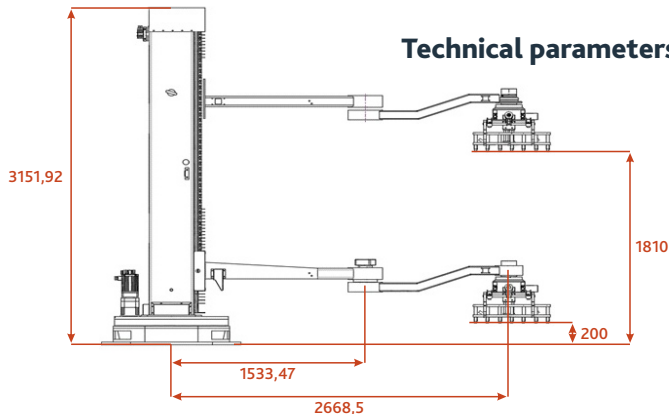
- ◆ Palletizing speed: up to 400 bags/hour (one grab, one transport line).
- ◆ Palletizing height on a pallet: up to 1.7 meters (optional up to 2 meters).
- ◆ Number of bags in 1 layer: 4/5/6/7/8 bags (depending on the size of the bag).
- ◆ Applicable bags: open polypropylene bags, paper flap bags.

More information about the product:



Scope of delivery		
Name	Quantity	Photo
Column robot	1	
The conveyor is inclined	1	
Corner roller	1	
Forming roller	1	
Roller shutter for gripping the robot	1	
Catch	1	

Model	Cost per unit, in rubles including VAT	Кол-во (шт)	Cost per unit, in rubles including VAT
Pallet laying line			
Delivery			
Installation and commissioning supervision			



Range	Capture movement (X)	-165° +165°
	Capture movement (Y)	-140° +140°
	Up-and-down capture (Z)	1610 мм
	Capture rotation (RZ)	350°
The axis	Capture movement (X)	105°/c
	Capture movement (Y)	100°/c
	Up-and-down capture (Z)	110°/c
	Capture rotation (RZ)	260°/c

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Payment: advance payment - 50%, upon completion - 50%.
Production time: 20-30 calendar days.
Delivery time: 60 calendar days, after receiving 50% prepayment.
Delivery: DDP to the Buyer's warehouse.
Warranty: 12 months from the date of commissioning (no more than 18 months from the date of sale).



COMMERCIAL PROPOSAL

AUTOMATIC SCALES OF DISCRETE ACTION – HOPPER SCALES

Automatic discrete-action scales are designed for automatic metering of bulk products distributed in a continuous flow, and will be the optimal choice for various industries, for internal weighing of bulk materials and for shipping finished products. Monitoring of weight accounting in agricultural, metallurgical and any technological activities.

Hopper scales (batch scales) are a device with a container for weighing material moving in a downward flow.



Accuracy class according to GOST R 8.900-2015: 0,2; 0,5; 1; 2.



Performance parameters: from 10 to 40 tons/hour.



The design allows the scales to carryout precise portion plumb lines.



They are pre-configured at the factory for easy installation.



Wide operating temperature range from -30°C to +50°C.



Protective covers to ensure stable operation of the scales in dusty conditions.



Integration of data into 1C.

More information about the product:



Standard equipment:

- ◆ Reinforced frame construction with removable covers.
- ◆ Cargo receiving device (weighing hopper).
- ◆ Backup sensor (product availability).
- ◆ Upper sector flap with (electric) or pneumatic actuator.
- ◆ Lower sector flap with (electric) or pneumatic actuator.
- ◆ Control panel with a metering weight controller.
- ◆ Cable wiring.

Additional equipment:

- ◆ Explosion-proof design.
- ◆ Stainless steel scales.
- ◆ Group management.
- ◆ Overhead and overhead hopper on request.

Characteristic	Meaning
Productivity, tons/hour (for grain)	From 10 to 40
Valve drive type	Pneumatic drive, electric drive
Materials in contact with the product	Structural steel, Stainless steel
Temperature of the packaged product, °C	Up to +80
Division price, g	50
Accuracy class of dosing according to GOST 8.610-2012	0,5
Mains power, V	220/380
Interface for connecting external devices	RS485, Modbus
Operating temperature range, °C	-30...+50
Nominal pressure of compressed air, Mpa	0,4 - 0,6
Compressed air consumption, not more than, l/min / m ³ /hour	25 / 1,5
Warranty, months	12

Model	Cost per unit, in rubles including VAT	Кол-во (шт)	Cost per unit, in rubles including VAT
Bunker-30	400 000	1	400 000
Bunker-60	450 000	1	450 000
Bunker-130	510 000	1	510 000
Bunker-200	569 000	1	569 000
Bunker-300	647 000	1	647 000
Bunker-900	880 000	1	880 000
Bunker-1700	1 110 000	1	1 110 000
Bunker-3000	On request		

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Sales Department:
Telephone: 8 (34792) 4-82-66 / 8 (800) 600-32-71
E-mail: info@uzvo.ru

Payment terms: 50% prepayment, 50% upon availability
Production time: 40 days
Delivery: TC at the expense of the buyer
Warranty period: 12 months

Limited Liability Company "Trading House "Weighing Equipment Factory"
Legal address: 86 Blucher Street, Beloretsk, Republic of Bashkortostan, 453510, Russia
Postal address: 453500, Russia, Republic of Bashkortostan, Beloretsk, Lenin St. 41, a/z 3
TAX ID: 0256021017 / KPP: 025601001



COMMERCIAL PROPOSAL

CONVEYOR SCALES «VKA»

Conveyor scales from the Weighing Equipment Plant LLC are the first conveyor scales using German technology made in Russia: simple, reliable, inexpensive. This scale design has proven itself as a guarantee of accurate weight measurement, trouble-free operation and relatively low cost.



Version with 1, 2, 3 or 4 roller supports



From 1 to 4 strain gauges



Round-the-clock operation



The advantages of powder coating are, first of all, the durability, cost-effectiveness and environmental friendliness of the coating.



Capacity from 100 to 9000 tons per hour.



Compact size, convenient and reliable packaging for transportation (wooden crates).



Installation takes no more than 5-6 hours.



The scales are included in the state register of measuring instruments of the Russian Federation

More information about the product:



Standard equipment:

- ◆ Cargo receiving device.
- ◆ A weighing device.
- ◆ Conveyor belt speed sensor.
- ◆ A set of technical documentation.
- ◆ Software.

Additional equipment:

- ◆ Additional scoreboard.

Characteristic	Meaning
The limit of the permissible error of the scale from the measured mass, %	±1, max 2
Width of the conveyor belt, mm	400-3000
Maximum conveyor belt speed, m/s	5
Operating temperature range, °C	from -30 to +40
Degree of protection	IP68
Supply voltage, V	220 (24 option)

Model	Cost per unit, in rubles including VAT	Кол-во (шт)	Cost per unit, in rubles including VAT
VKA-650	280 000	1	280 000
VKA-800	297 000	1	297 000
VKA-1000	301 000	1	301 000
Additional scoreboard	45 000	1	45 000



**THE FINAL PRICE IS
CALCULATED AFTER FILLING
OUT THE QUESTIONNAIRE**

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Production time: 40 days
Delivery: TC at the expense of the buyer
Warranty period: 12 months












COMMERCIAL PROPOSAL

ON-BOARD WEIGHING AND MONITORING SYSTEM FOR FRONT LOADER

The **Monacs weighing and monitoring system** is designed to keep records of loaded materials by various types of special equipment, both when the vehicle is stopped for weighing and in motion, i.e. without stopping. It is used for front-end and fork loaders.



-  Weighing system without stopping the vehicle, without slowing down the loading process
-  Patented software that allows you to weigh accurately even when lifting the bucket with acceleration
-  Built-in Wi-Fi module for communication with a remote server
-  Storing the weighing archive for the entire life of the system
-  Libra + vehicle monitoring system: where, when and how much
-  Built-in USB port for transferring data to a Flash drive
-  Complete mounting kit, including adapters for the hydraulic system
-  Informing about an emergency situation via SMS/E-mail
-  Free access to the remote server - 12 months

Standard equipment:

- ◆ Pressure transmitter - 2 pcs.
- ◆ The controller in the case - 1 pcs.
- ◆ Tilt angle sensor - 1 pcs.
- ◆ Cable wiring - 1 set.
- ◆ Fasteners - 1 set.
- ◆ Technical documentation - 1 set.
- ◆ Touchscreen tablet microcomputer - 1 pcs.



More information
about the product:



Name	Amount, in rubles, including VAT
On-board weighing system «Monacs» for loaders	156 000



Additional services	
Name	Cost, in rubles including VAT
Industrial modem	26 000
Receipt Printer	26 000
The adapter is individual for the loader the customer	16 000



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If you still have any questions, please contact us.:

Sales Department:

Telephone: 8 (34792) 4-82-66 / 8 (800) 600-32-71

E-mail: info@uzvo.ru

Payment terms: 100% prepayment

The product is always in stock, shipping from the nearest warehouse

Delivery: TC at the expense of the buyer

Warranty period: 12 months