



# NORMATIV

Industrial automation

Conveyor systems



[NORMATIV.SPB.RU](http://NORMATIV.SPB.RU)

## The NORMATIV Company today

NORMATIV is the production and technical company founded in 1988 in Saint-Petersburg, Russia. The company continues to supply solutions and services to its customers for more than 30 years.

The main focus of the company's activities is automation of production process on the basis of conveyor systems. We provide services development and manufacture of conveyor equipment for production lines and warehouse technologies, including non-standard equipment that meets the customer's tasks.

We have gained extensive experience in the engineering and manufacturing of conveyor equipment for solving production problems in completely different types of industry: from food to machine-building.



In particular for the warehouse technologies number of projects have been completed for the engineering and manufacture of conveyors based on the frame and supports in stainless steel and anodized aluminum extrusion. Design of transporters with anodized aluminum extrusions includes a wide range of connective elements intended for the further expansion of the customer's existing system based on an individual project, as well as for the installation additional hardware, such as: supports, side guides, stops, different sensors, etc.



## Benefits and Advantages

The project work in “Normativ” is built on the principle of consistent elaboration of the order:

- technological audit (with a visit to the customer);
- engineering and design;
- 3D - modeling;
- equipment manufacturing;
- automation of equipment management and software development;
- equipment testing;
- installation and commissioning;
- support during commissioning and putting the system into operation;
- warrantyservice.

Our automated conveyor systems allow you to:

- increase productivity;
- reduce the cost of production;
- differentially and rationally use the lines in accordance with various management programs (software);
- reduce the specific production area;
- reduce the number of workers;
- improve working conditions;
- improve product quality.

All conveyor equipment is warranted for 12 months.

## Our Customers

A number of projectors have been implemented for enterprises in various industries.

Our [customer list](#) includes companies such as:

IKEA

TARKETT

KNAUF

SIBURBIAXPLEN

BOSH SIEMENS

KUTTERER-RUS

CALSONIC

KNORR-BREMSE

HILTI

CRAFT

СВЕТЛАНА ОПТОЭЛЕКТРОНИКА

ПРАМО-ЭЛЕКТРО

ROCARUS

SBERBANK

NISSAN

TOYOTA BOSHOKU

JOHNSON CONTROLS

KAMAZ

EURO AUTO

MAGNA PETERFORM

HENKEL

AQUAPHOR

MERCURY (МЕРКУРИЙ)

ALLERPETFOOD

UNILEVER RUSSIA

DANONE

PEPSICO

WRIGLEY

NESTLE

FAZER

ORKLA BRANDS

KELLOGG'S

ВЫБОРЖЕЦ (ВЫБОРЖЕЦ)

MARS INC

ФКИМ.КРУПСКОЙ

HEINZ

COCA-COLA

BALTIKA

RUSSIAN STANDARD

LIVIZ (ЛИВИЗ)

HEINEKEN

CHUPACHUPS



More information about completed projects can be found on the company's website: <https://normativ.spb.ru/projects/>

## What do we supply

### Conveyor equipment



**Belt conveyors**



**Modular conveyors**



**Roller conveyors**



**Plate chain conveyors**



**Conveyors chain and belt**



**Vertical conveyors. Hoists**



**Special conveyors**



**Rotary and accumulation tables**



**Conveyors with gimbal chain**



**Additional items and equipment**

### Details

Our conveyor systems are equipped with high-quality automation components such as Siemens and Omron products, as well as Sew Eurodrive gear motors. Most often, the electronic product for the project is determined by the customer.

## Experience and solutions with conveyor systems for warehouse automation

To increase the efficiency of the enterprise, to extract economic benefits, to systematize the processes of moving, to monitor and warehouse goods— do all this by the automatic storage system. It allows you to solve such problems as:

- vertical and horizontal transportation at any angle and at different heights;
- transportation from floor to floor;
- movement of goods between buildings;
- forward & reverse stroke on the conveyor line;
- accounting of goods;
- control the quality of products;
- analytics of the entire complex.

In addition, it is possible to use “smart-conveyor” technology to provide data analysis.

The automated conveyor warehouse complex includes special machines and industrial robotics for solving related technical problems:

- weighing the product in the stream;
- packaging of goods on the line;
- loading and unloading pallets;
- packing products in boxes;
- regulation of product positioning on the line;
- ensuring the sorting of products by barcode;
- film wrapping on line and etc.

### What is important for the customer to know

From idea to shipment! Implementation of in-store and warehouse logistics for various products on any media: pallets, boxes, containers, bags, trolleys, etc. We have got the experience in the development of different kind of conveyor equipment. For example, to carry out the separation of flows and their merging, sorting products according to given characteristics (by weight, size, etc.), can also integrate technical vision.

Look for the cases below...



## Conveyortechnicalsolutions



three-section conveyor checkweigher with reject function



roller conveyor checkweigher



conveyor sorter diverter

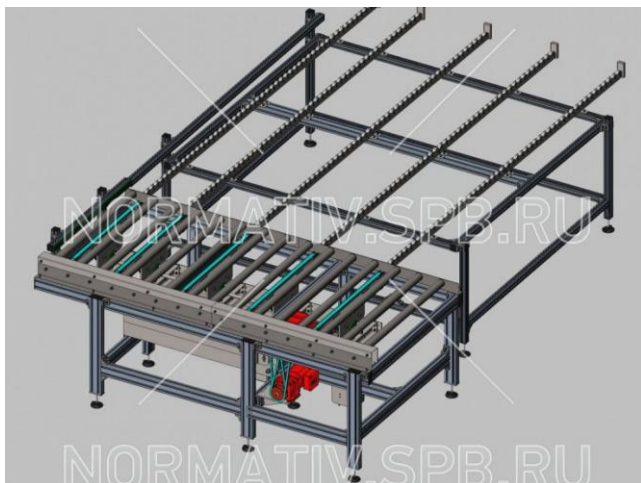


conveyor pushers for boxes etc.





conveyor transfer (combination of roller and chain conveyor) - triggered by a signal from the sensor



conveyor transfer



belt conveyor flow guides





### Transfer to large-size substrates and pallets



Modern conveyor systems of the Normativ company are suitable for solving automation of warehouse logistics or the production task of transporting pallets of three types of standards:

- 1200 x 800 (EUR)
- 1200 x 1000 (FIN)
- 1200 x 1200 (USA)

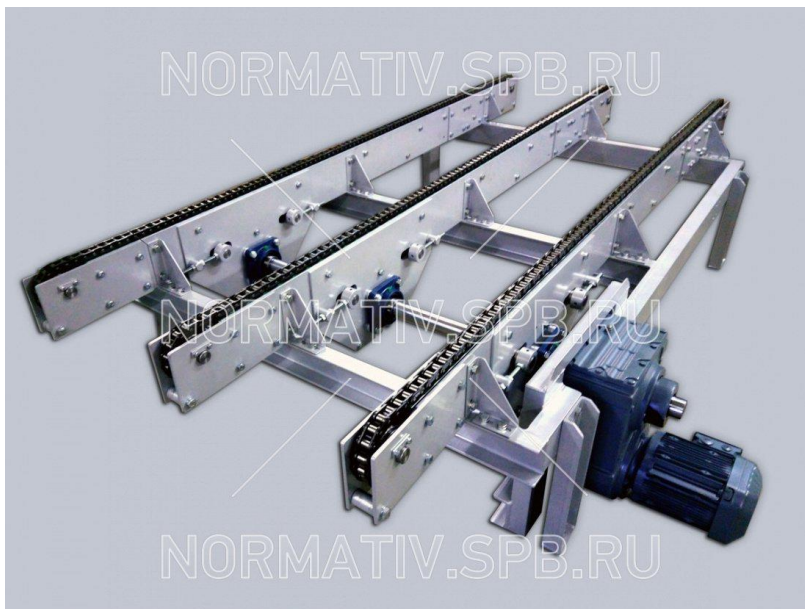
### Rotary table



Our equipment has good characteristics, it allows to operate at high capacities, for example, in our projects implemented:

- Productivity: 100 pallets/hour
- Payload: 1.5 tons









### Vertical conveyor for pallets

Automated work: the pallet is loaded onto the platform's roller conveyor and stops, then the platform produces vertical movement and roller conveyor unloads the pallet. It provides continuous descent pallets on the ground floor and delivers them to the packing line. In case of full loading of the line a pallet automatically moves to the buffer zone, from there the automatic operation mode selects the pallets on the packing line, in the case of it's ready acceptance.



### Vertical conveyor C-shaped

Designed for continuous transfer of goods (boxes, cases, bags and other piece goods) vertically from top to bottom or bottom to top. C-shaped scheme assumes that the entrance to the mine and the exit from it on one hand of a conveyor.

- Alternative to industrial lift
- Hight - adjustable value



### Vertical conveyor S-shaped

Designed for continuous transfer of goods (boxes, cases, bags and other piece goods) vertically from top to bottom or bottom to top. The S-shaped scheme assumes that the entrance to the mine of a conveyor from one side, exit on the opposite (the pallet moves straight through the mine)

The hight and productivity is developed individually for the requirements of the customer.

- Alternative to industrial lift
- Hight - adjustable value

































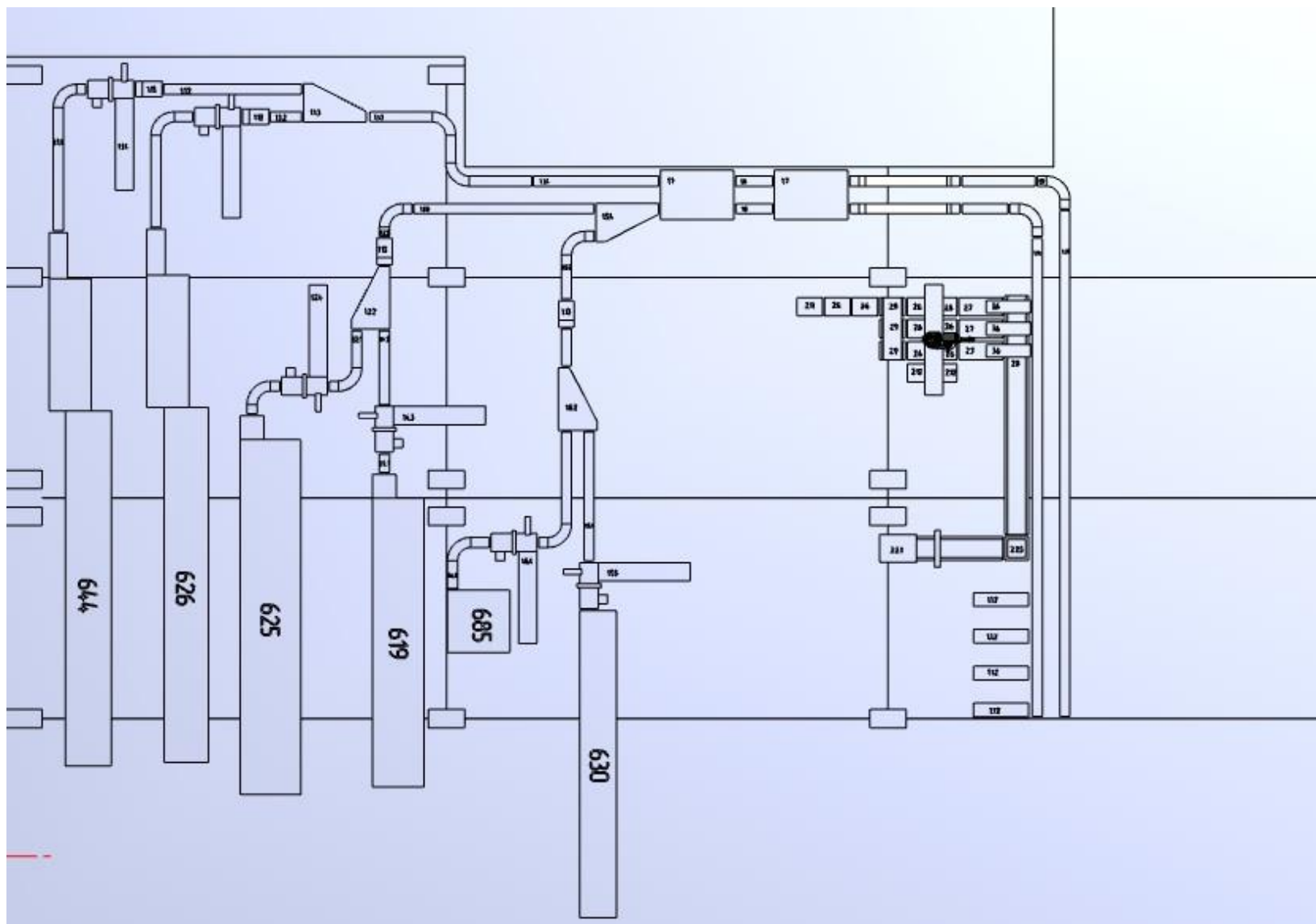




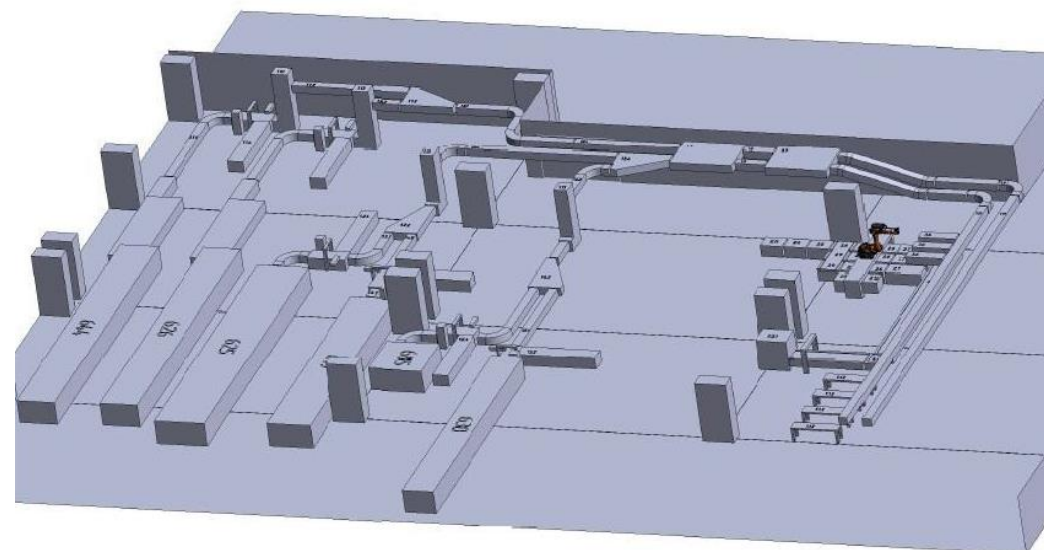
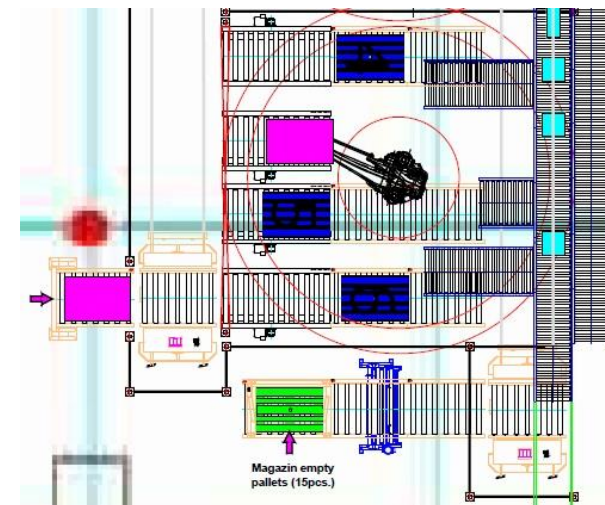
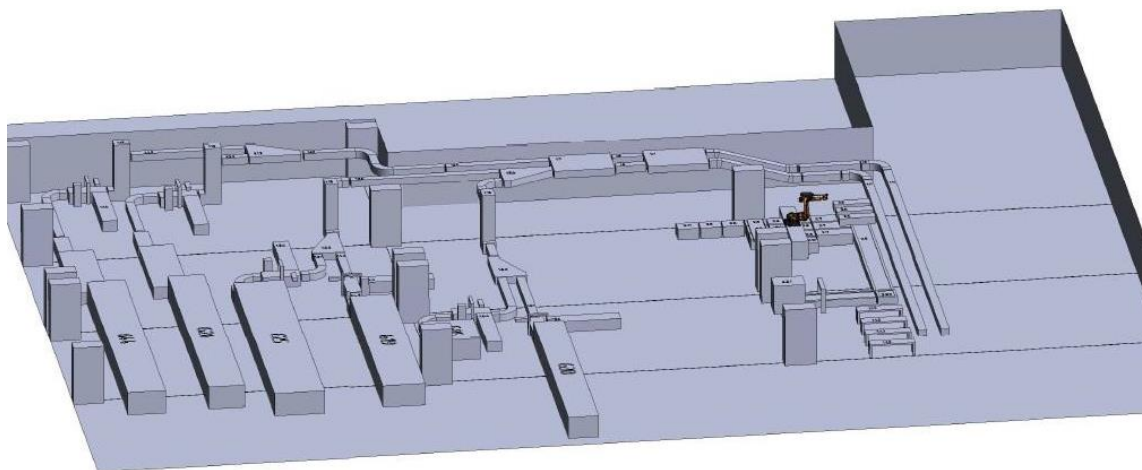




# Plan of the automated conveyor line with industrial robot - box packing and palletizing system







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**Automated conveyor systems**

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