



BASIS

PACKAGING EQUIPMENT

ABOUT US

Company “Basis” specializes in comprehensive automation of packaging processes based on reliable equipment.

Constantly developing and improving packaging technology allowed “Basis” to become the only manufacturer of cartoning machines in Russia in 2013.

Starting from the design and ending with the commissioning of our equipment, we carry out a full production cycle.

Today, the company’s assets include more than a thousand projects of standard and individual execution, the range of which includes comprehensive solutions to packaging problems based on:

- ✓ Vertical film packaging machines(VFFS);
- ✓ Cartoners (both horizontal and vertical)
- ✓ Weighers;
- ✓ various conveyor systems.



OUR EXPERIENCE

- ✓ Guaranteed perfect packaging;
- ✓ We develop and implement unique integrated projects;
- ✓ Deep understanding of the specifics of products and packaging materials;
- ✓ Minimization of damage to brittle and brittle confectionery products;
- ✓ Ensuring the resistance of equipment to the formation of corrosion caused by contact with the sugar coating of confectionery products; mixing various types of products in one package;
- ✓ Reduction of product losses and rejects;
- ✓ Individual approach to each client and the best technical support in the industry;
- ✓ Reliability and durability of equipment tested by many customers;
- ✓ Continuous improvement of packaging technologies to achieve the specific goals of each customer.



HORIZONTAL CARTONING MACHINE

BASIS50 / BASIS50-DUPLEX



Specifications of Basis50/50 Duplex		
Models	Basis50	Basis50 Duplex
Capacity	Up to 50 boxes/min	Up to 80 boxes/min
Type of loading	Infeed conveyor	
Printer	Upon the customer's request	
Gluing station	Nordson	
Power	220/50 V/Hz	
Compressed air consumption (at a pressure of 6 MPa), no more	150 l/min	300 l/min
Overall dimensions (LxWxH), no more	3200x3000x1700±50mm	
Cartoner weight, no more	1150 kg	



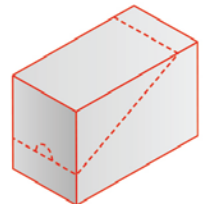
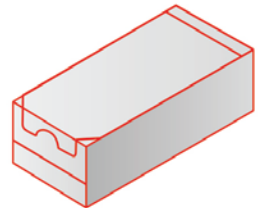
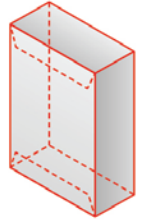
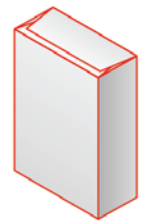
The machine is designed to realize the full variety of your needs for packaging in a cardboard box. It provides a variety of options: shape of box, products (food and non-food), stacking and grouping methods.

CAREFUL LAYING OF PRODUCTS IN THE BOX:

- ✓ with conveyor system;
- ✓ with flow-pack machine;
- ✓ with a vertical film packaging machine;
- ✓ with an automated forming and stacking system;
- ✓ manually.

SOLUTION OF ANY TASKS ON PACKAGING IN A CARDBOARD BOX:

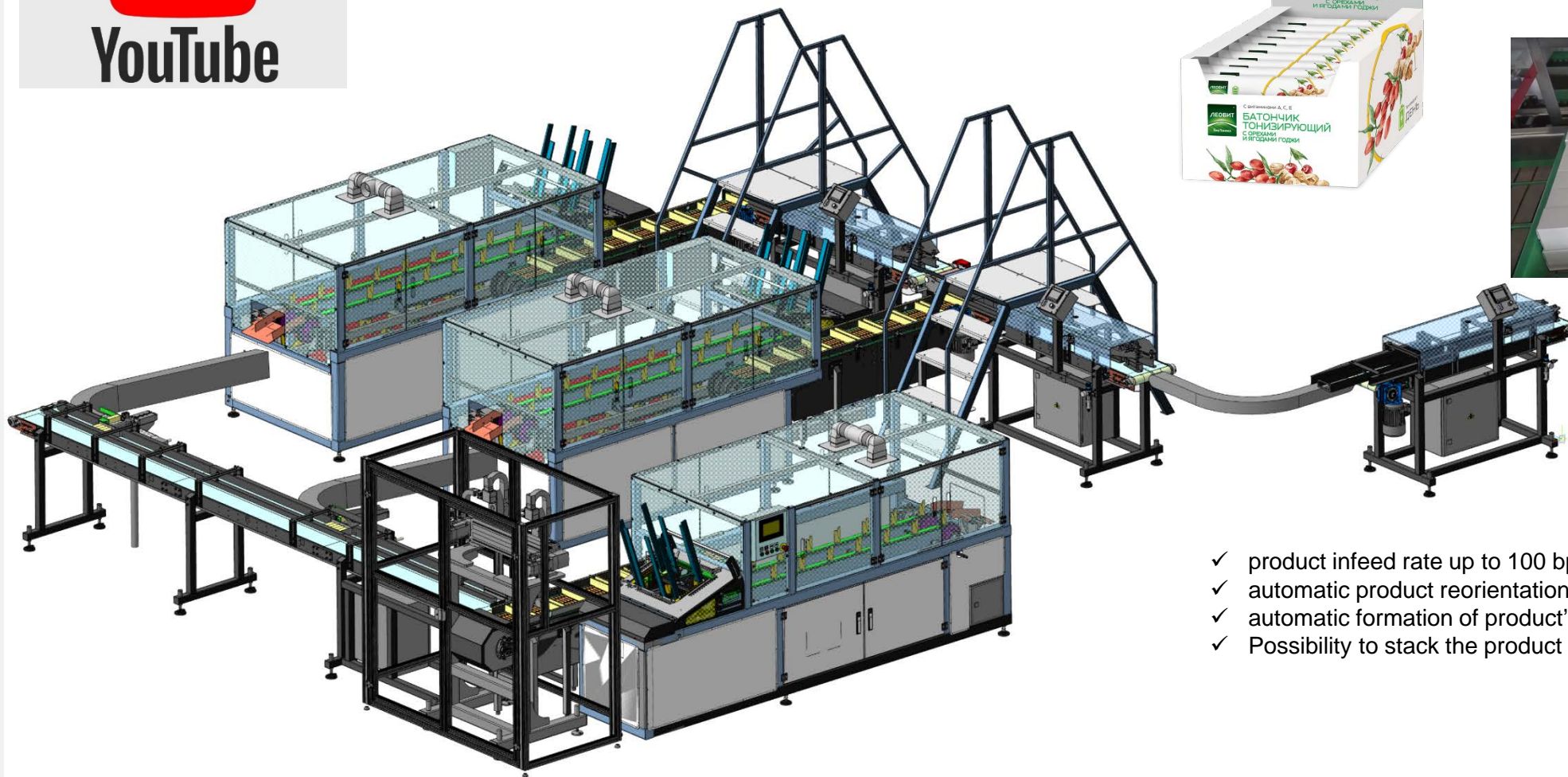
- ✓ unit products in a film bag (sweets, wafer cakes, cookies, glazed curds);
- ✓ product packed in tray (sweets, marmalade, cookies, etc.);
- ✓ a group of several packages (cooking bags, cookies, sweets, etc.);
- ✓ group packaging in a show box.



Packaging of bars, curds, etc. into a cardboard box and further packaging into a show box



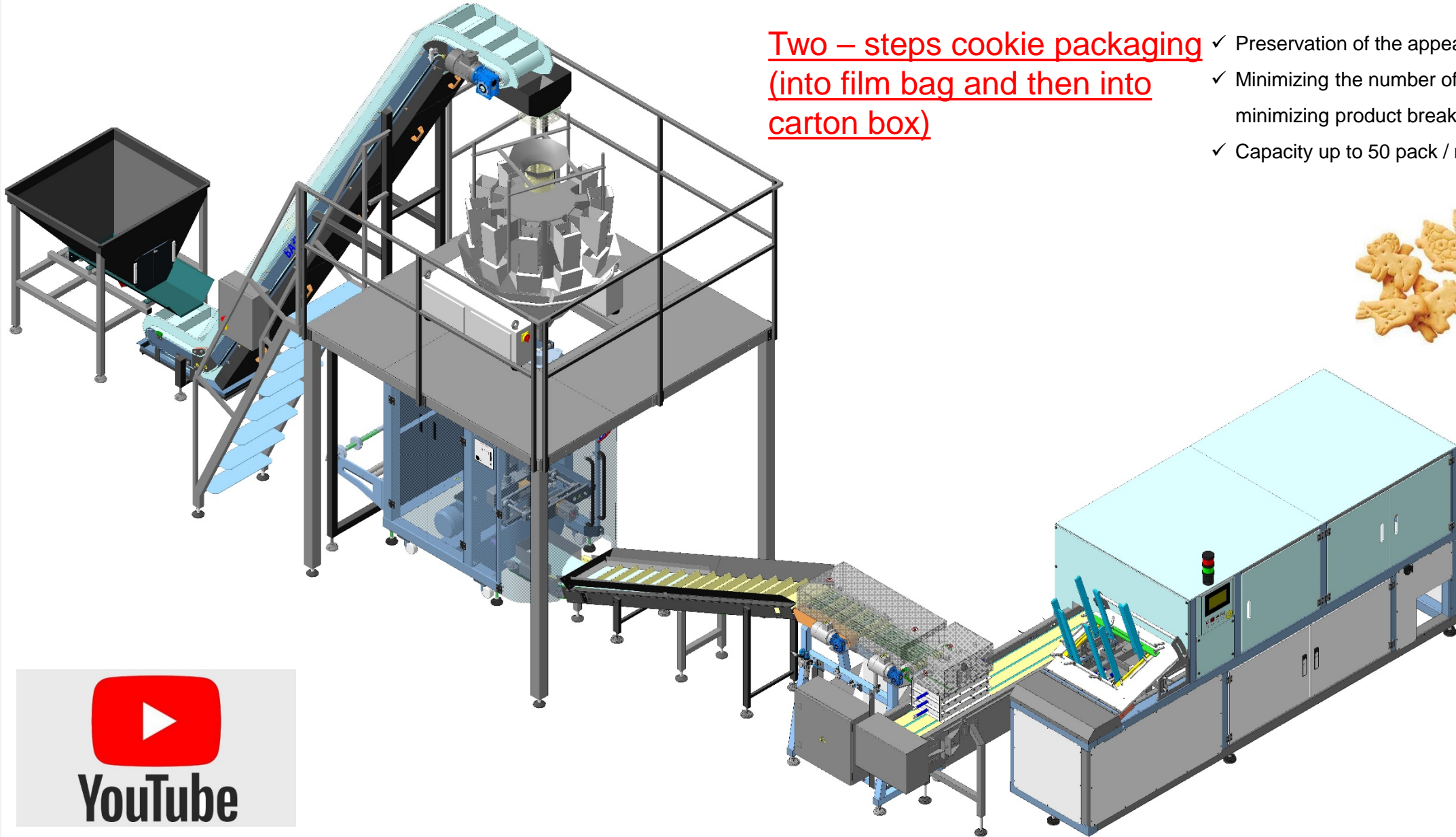
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- ✓ product infeed rate up to 100 bpm
- ✓ automatic product reorientation using manipulators;
- ✓ automatic formation of product's set;
- ✓ Possibility to stack the product in 1 or more rows.

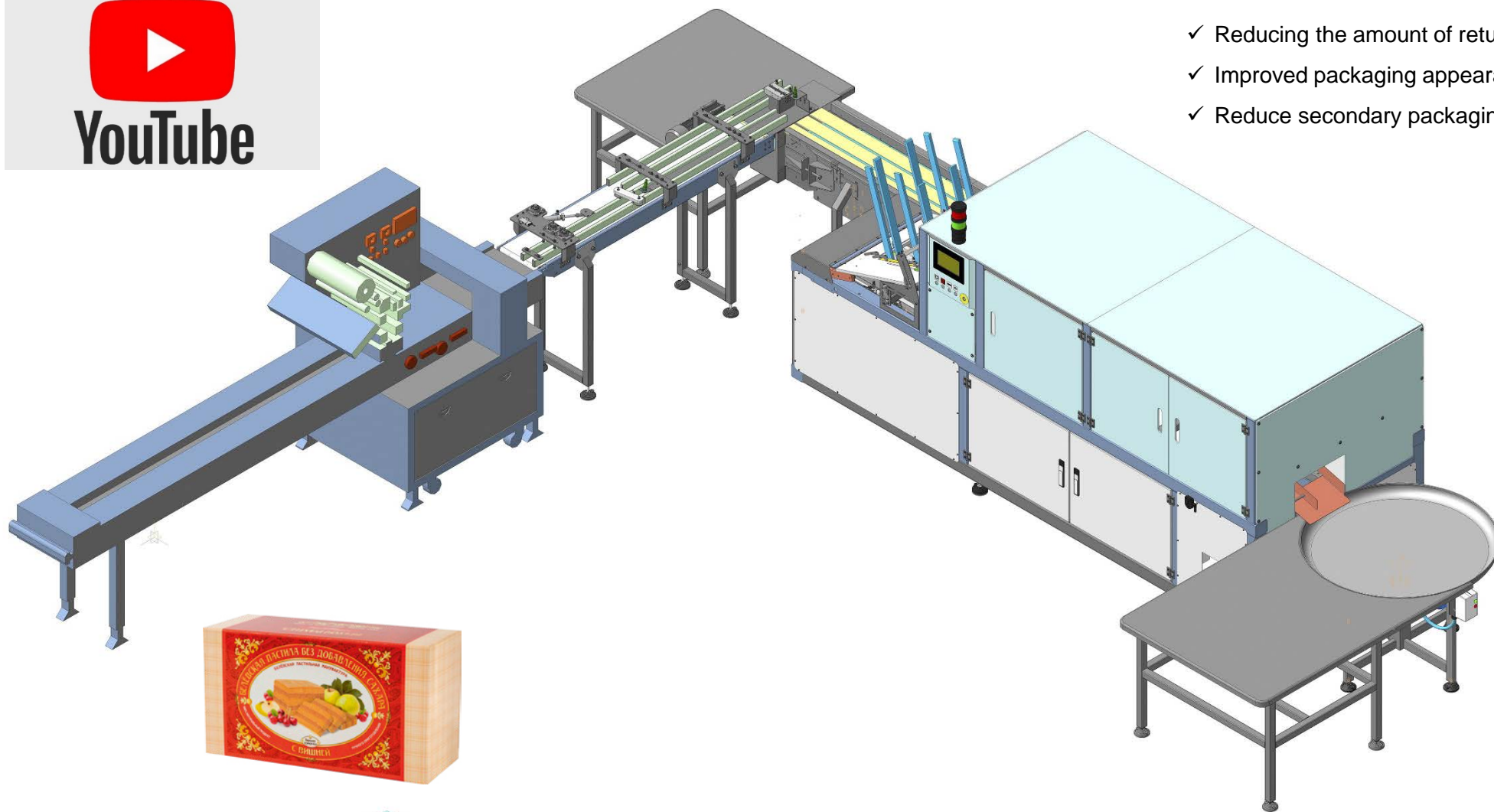
Two – steps cookie packaging
(into film bag and then into
carton box)

- ✓ Preservation of the appearance of the product;
- ✓ Minimizing the number of packaging defects and minimizing product breaking;
- ✓ Capacity up to 50 pack / min.



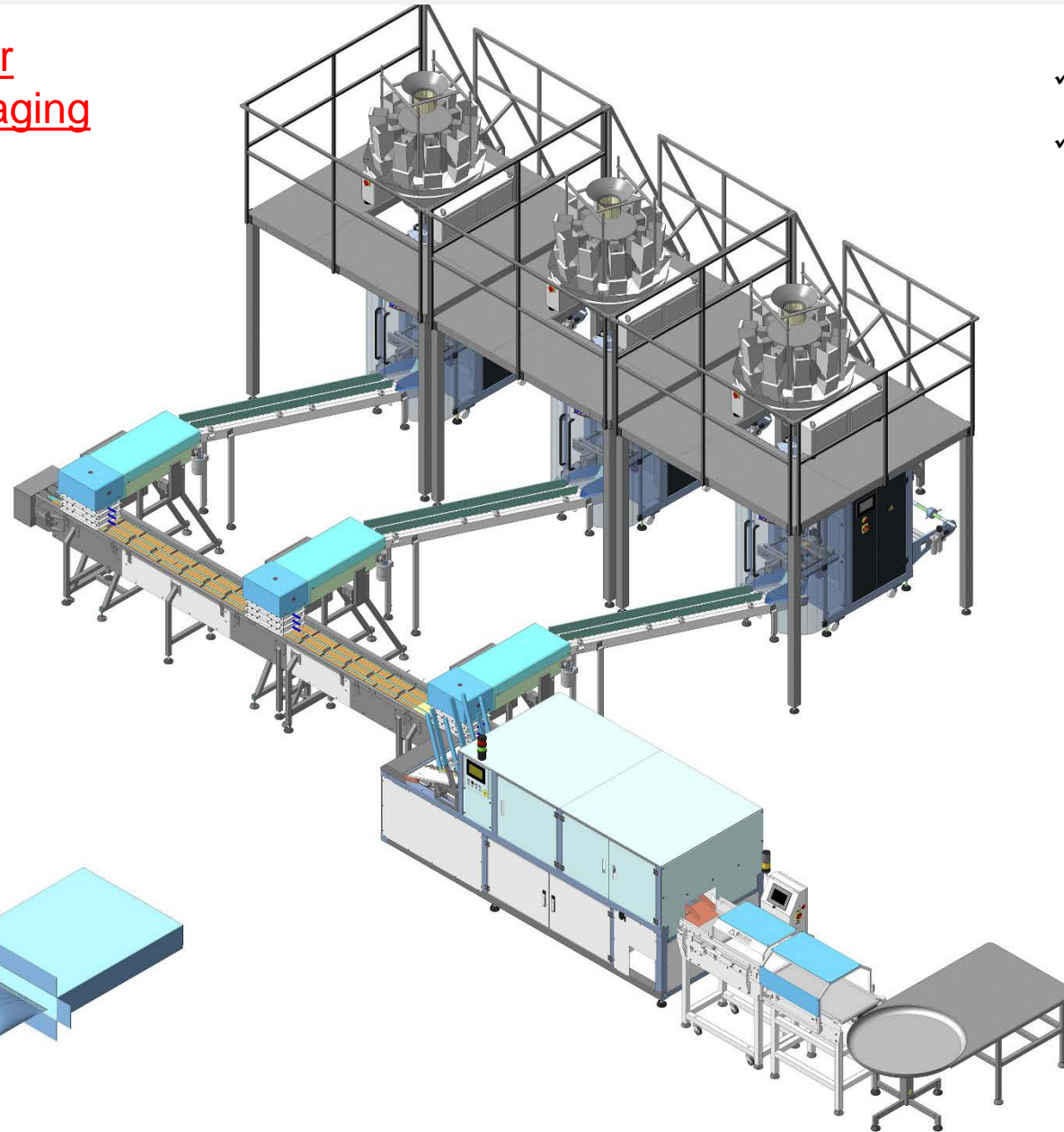
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Two – steps cookie packaging with flow-pack infeeding (or manually)

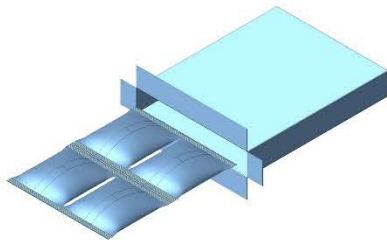


- ✓ Reducing the amount of returns from retails;
- ✓ Improved packaging appearance (improved geometry)
- ✓ Reduce secondary packaging costs.

Complex solution for
cooking bags' packaging
into carton box

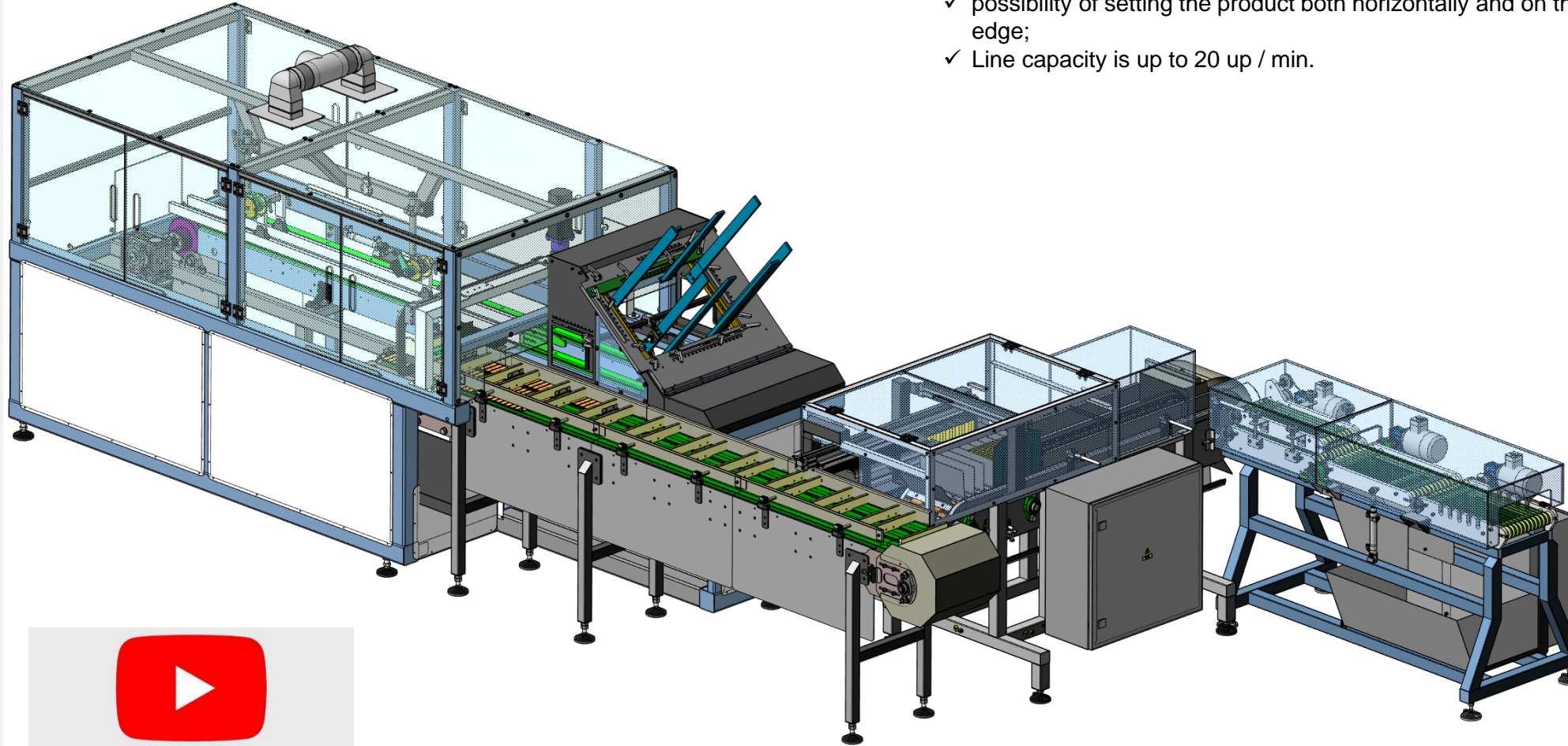


- ✓ Possibility of product collection from 1-3 packaging machines;
- ✓ Possibility of packaging in a very narrow package due to various options of stacking packages;



Complex solution for sachets' packaging into show box

- ✓ Possibility to collect bags from 1,2,3, 4 or 5 vertical packaging machines;
- ✓ product infeed rate up to 120 bpm;
- ✓ automatic grouping of Sachet bags and feeding to the cartoner;
- ✓ possibility of setting the product both horizontally and on the edge;
- ✓ Line capacity is up to 20 up / min.



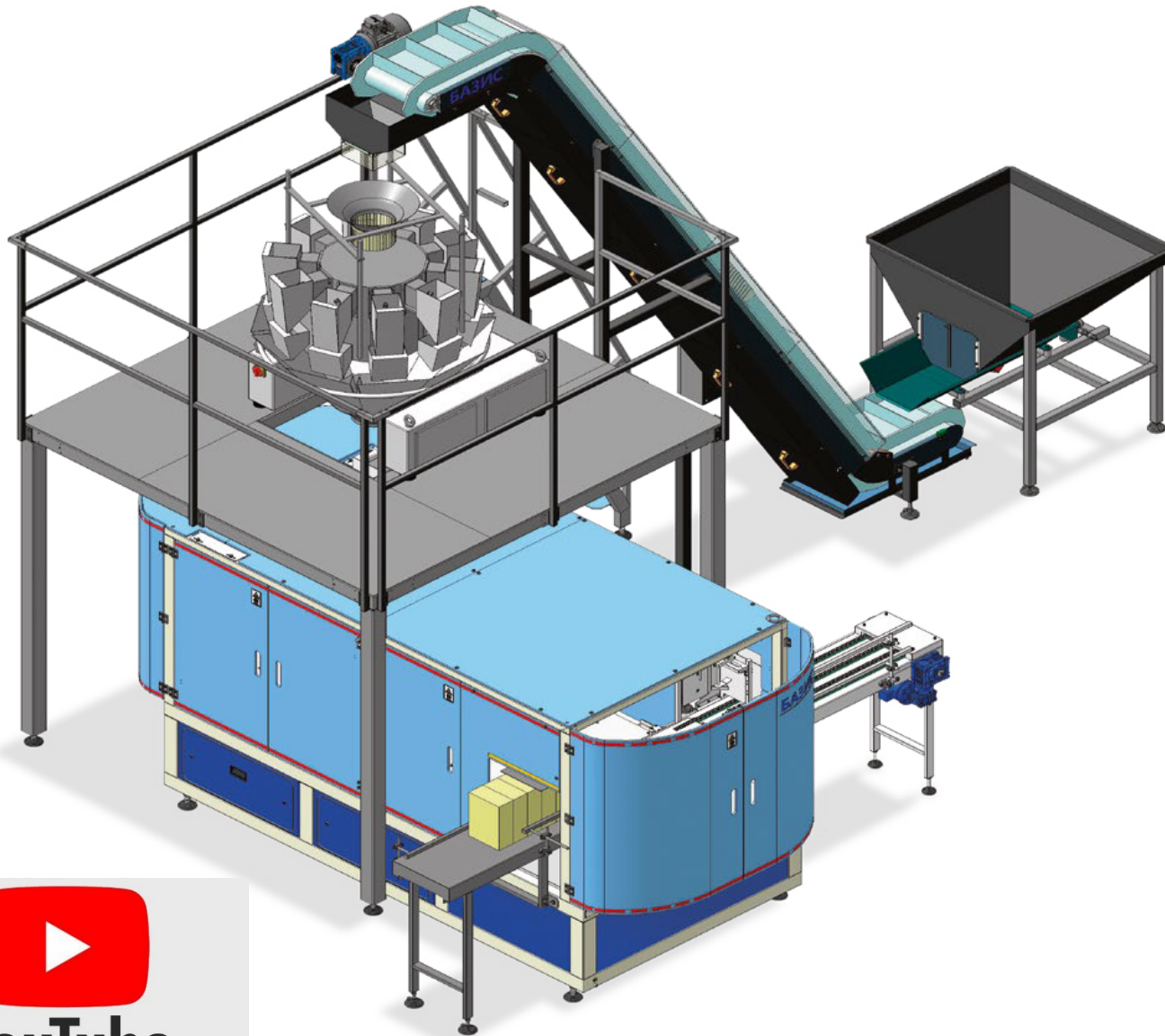
VERTICAL CARTONING MACHINE BASIS40/80



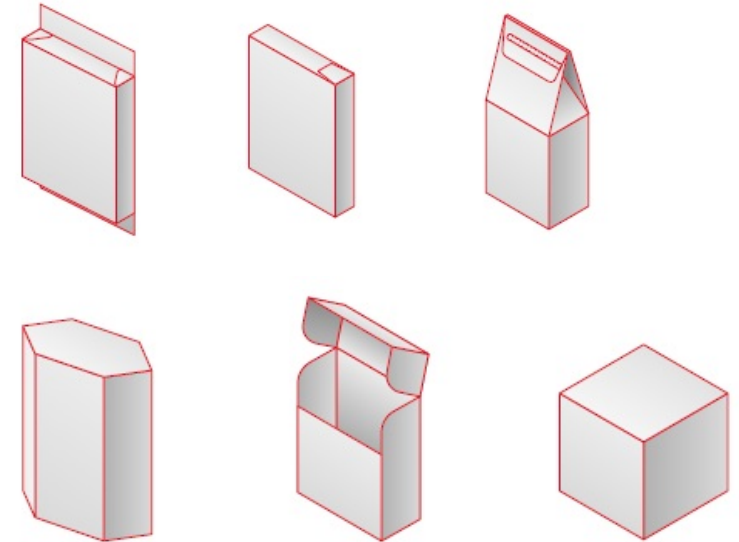
Specifications Basis40/80		
Models	Basis40	Basis80
Capacity	Up to 40 boxes/min	Up to 80 boxes/min
Type of machine motion	intermetten	Intermetten/continuous
Printer	Upon the customer's request	
Gluing station	Nordson	
Power	220/50 V/Hz	
Compressed air consumption (at a pressure of 6 MPa), no more	335 l/min	200 l/min
Overall dimensions (LxWxH), no more	3200x3000x1700±50mm	3200x3000x1700±50mm
Cartoner weight, no more	1150 kg	1200 kg



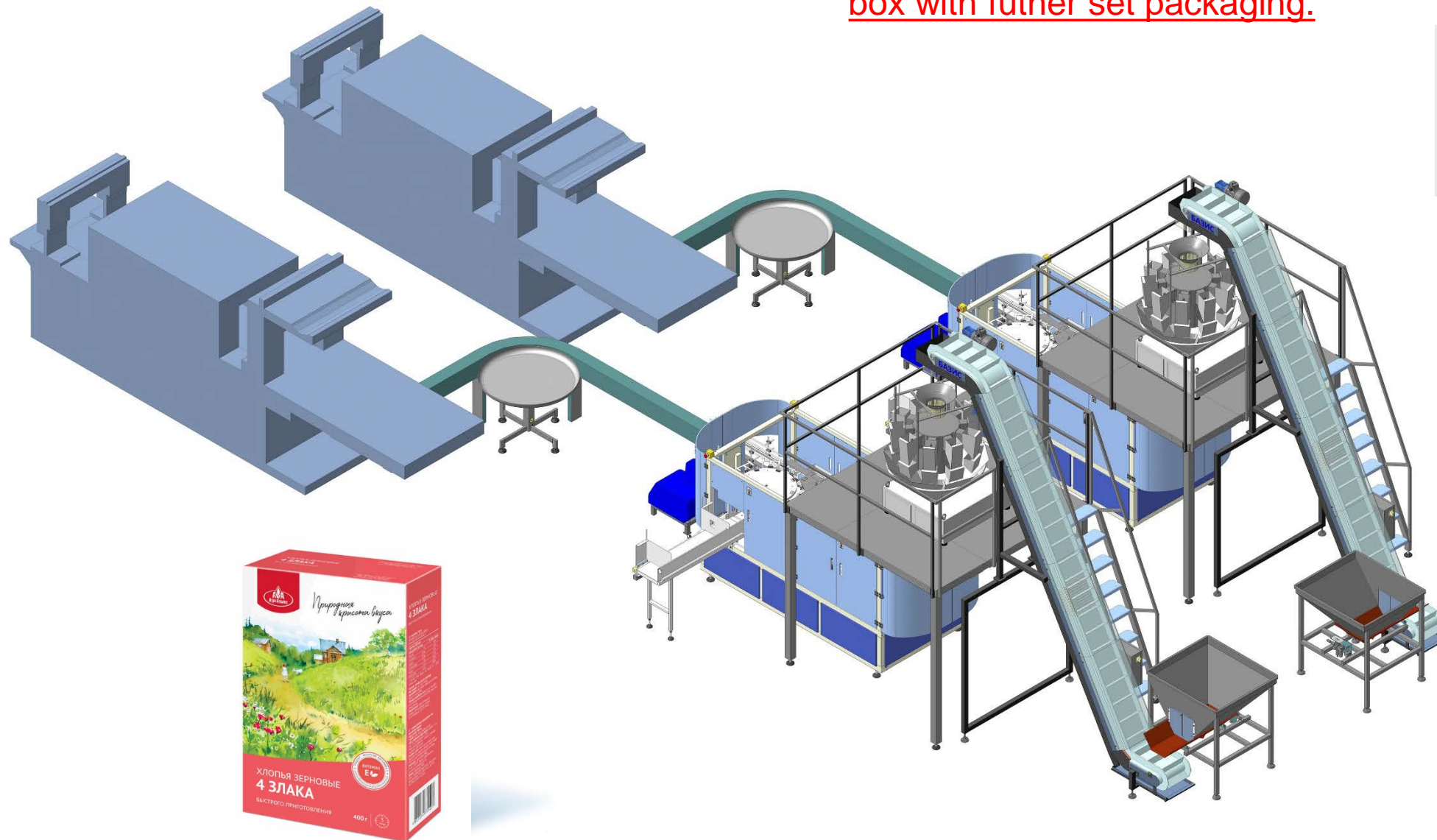
Complex solution for confectionery packaging into carton box



- ✓ Possibility of direct packaging into carton box without
- ✓ pre-packaging;
- ✓ Possibility of packaging in box with different shapes;
- ✓ Manual infeeding is possible.



Complex solution for groceries packaging into cardboard box with futher set packaging.



VERTICAL FILM PACKAGING MACHINE

BASIS17/18/19/20

Specifications of Basis 17 / 18 /19 /20

Model	Basis17	Basis18	Basis19	Basis20
Capacity	Up to 100 bags/min	Up to 60 bags/min	Up to 60 bags/min	Up to 120 bags/min
Type of operation	Intermittent	Intermittent	Intermittent	Continuos
Length of bag	300 mm			
Width of bag	До 260 mm	125 – 180 mm	125 – 180 mm	До 290 mm
Width of film	250 - 600 mm	450 – 600 mm	450 – 600 mm	600 mm
Thickness of film	40 – 60 mkm			

TYPES OF BAG

Basis17	✓	✓	✓	✓	✓			
Basis18	✓	✓	✓	✓	✓	✓	✓	✓
Basis20	✓							
Basis19								



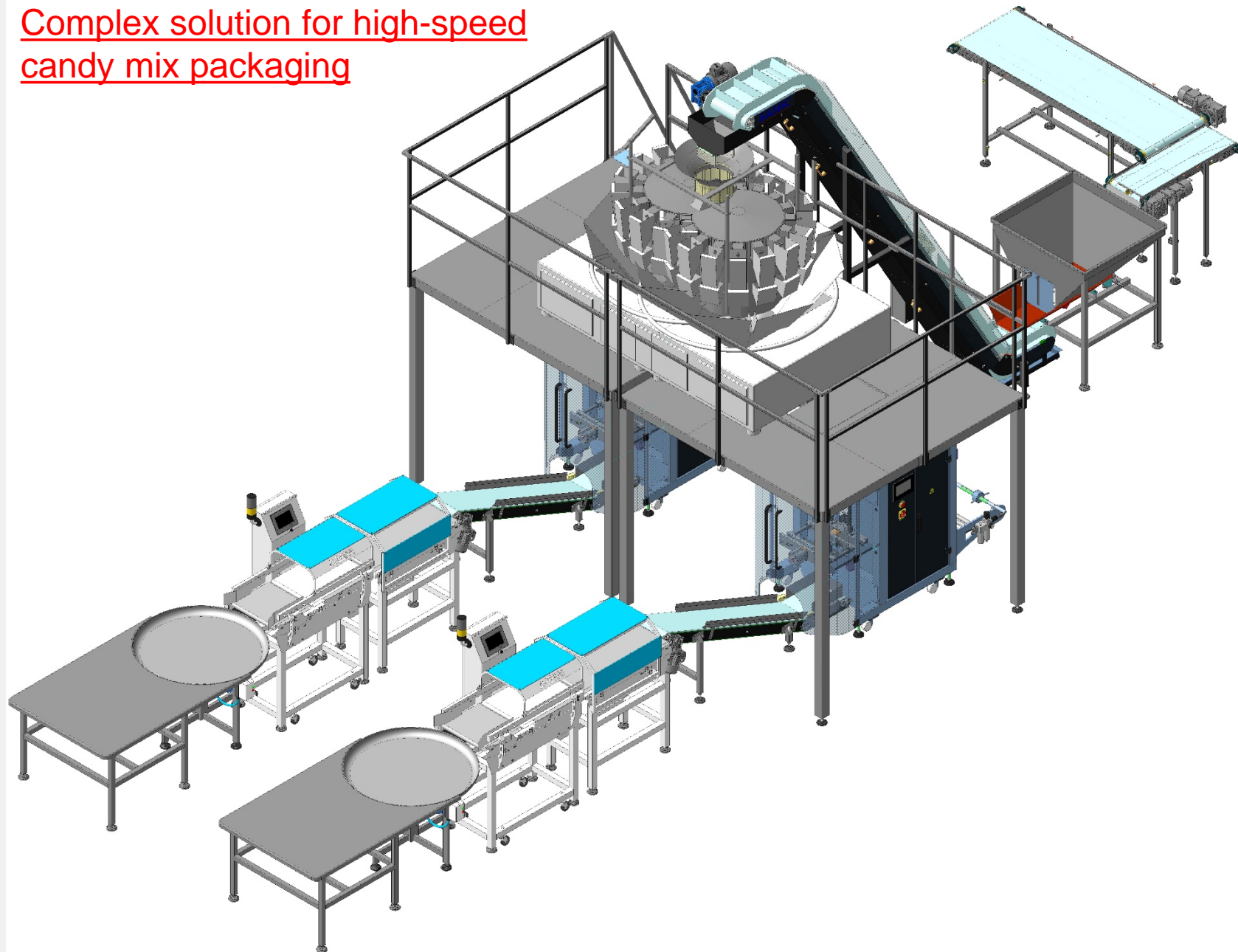
Complex solution for high-speed
cookie packaging
into stabilo bag



- ✓ Amount of packaging lines has been reduced;
- ✓ The minimum amount of product rejects;
- ✓ Capacity has been doubled;
- ✓ Automatic level control with a separate control system.

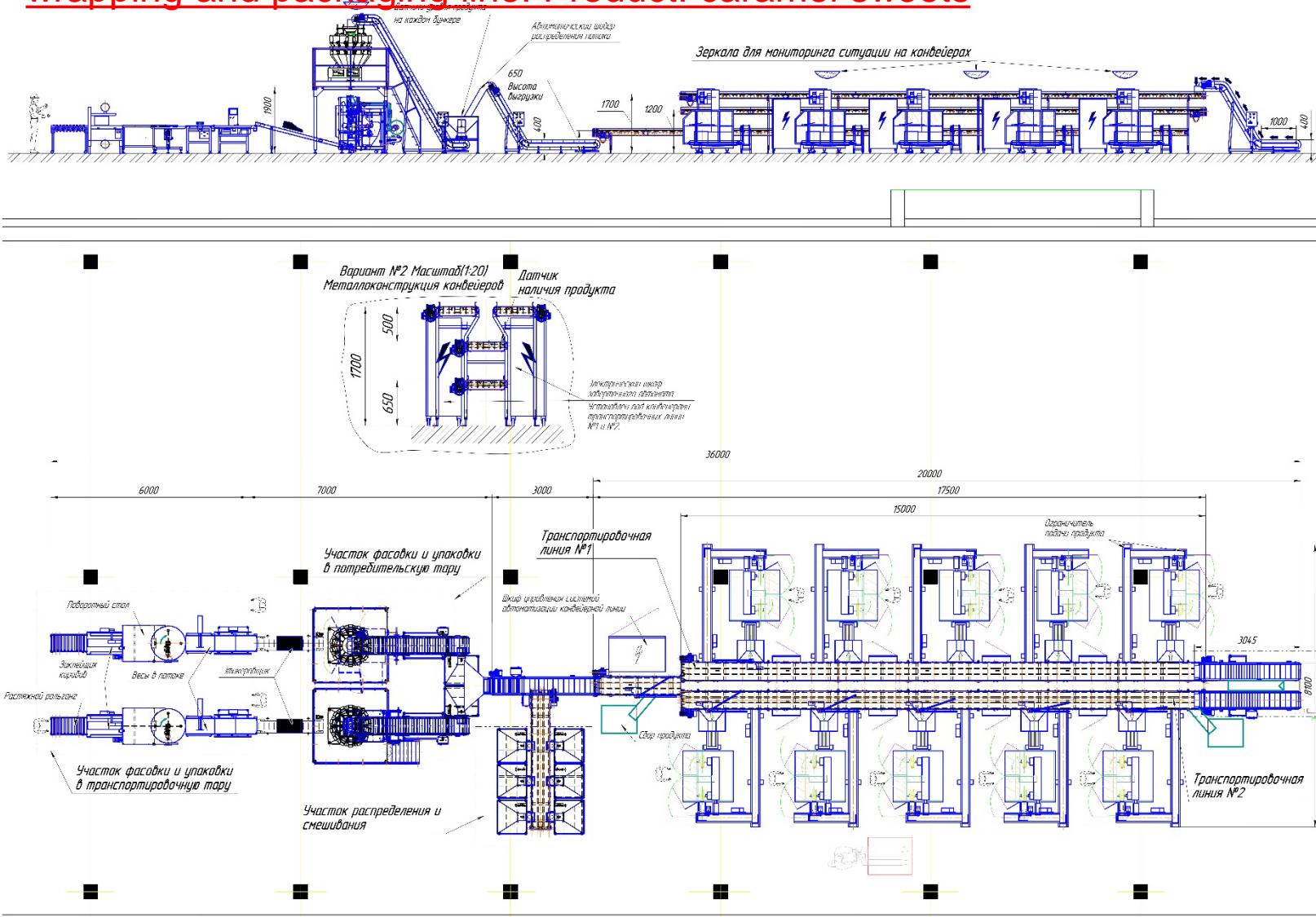


Complex solution for high-speed
candy mix packaging



- ✓ Possibility of packaging with increased speed;
- ✓ The ability to form a mix by weight;
- ✓ Perfect package view.

Example of high level automation of a confectionery factory:
transportation, distribution,
wrapping and packaging line. Product: caramel sweets



- ✓ Sweets collecting from processing line;
- ✓ Uniform distribution process ensured sweets on wrapping machines;
- ✓ Distribution system has been developed for packing both single taste and mixed (2-6 tastes).



Specialists of “BASIS” have practical engineering and technical experience in various sectors of the food industry, which allows us to introduce packaging lines that demonstrate reliable performance and consistently high results for many years.

Our advanced development department can offer you solutions not only to current problems, but also foresee your future needs, so we never stop developing new packaging technologies and options for their application.

We try to be a reliable and responsible partner for each client, thanks to the dedication of our employees and the reliability of packaging equipment.

Your success is our reputation!

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