

BASIS

PACKAGING EQUIPMENT



WWW.BASISPACK.COM

ABOUT COMPANY

BASIS is a manufacturer of simple and reliable packaging equipment for various industry fields of food and non-food products.

BASIS's integrated packaging line are reliable solutions, proven by many clients.

The lines are based on cartoners, vertical packaging machines and auxiliary equipment. All equipment of the company is manufactured in compliance with the highest European quality standards.

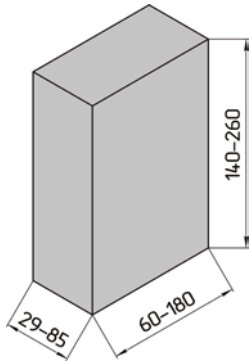


COMPETENCIES

- experience in the implementation of projects based on packaging in a ardbord box of non-standard forms perfect package shape is guaranteed;
- we develop and implement unique complex projects;
- deep understanding of the specifics of products and packaging materials;
- reliability and durability of equipment verified by a multitude of customers;
- we provide an individual approach to each client and the best technical support in the industry;
- continuous improvement of packaging technologies to achieve the specific goals of each customer;
- we optimize production due to the simplicity and efficiency of the implemented packaging solutions.



CARTONER BASIS 40/80/120



Specification of cartoner Basis:			
Model	Basis40	Basis80	Basis120
Capacity	up to 40 bag/min	up to 80 bag/min	up to 100 bag/min
Type of machine motion	intermittent	Intermittent/ Continuous	Continuous
Execution of working mechanisms	pneumatic elements	Servo-motors	
Adhesive (gluing) station	Nordson		
Printer	Up to customer		
Voltage/Frequency	220/50 V/Hz		
Compressed air consumption (at a pressure of 6 MPa), not more than	335 L/min	200 L/min	
Overall dimensions (LxWxH), not more than	3830x2500x1700±50mm	3200x3000x1700±50mm	
Machine weight, no more than	1150 kg	1200 kg	1300 kg

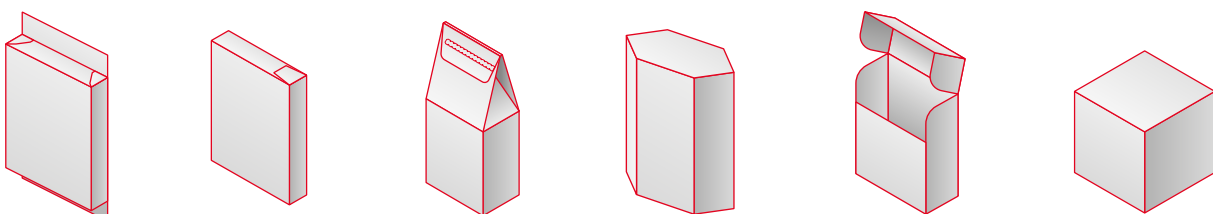
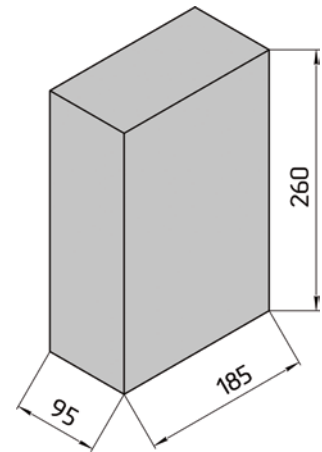
CARTONERS BASIS 80/120: WHEN SPEED IS PRIORITY

- ✓ **2 ways of forming the box flaps:**
 - labyrinth (for sift and dusty product);
 - standard (for lump and small-piece products);
- ✓ **can be completed with different types of weigher:**
 - Combined type (multihead);
 - Volumetric;
- ✓ **gives you ability to pack different types of products:**
 - sift (cereals, oat flakes);
 - low-dusting (soda, salt, washing powder);
 - small-lump (sweets, crackers, etc.).



CARTONING MACHINE BASIS40 – DIVERSITY OF BOX SHAPES

- ✓ **Gives ability to use corrugated carton**
- ✓ **can be completed with different types of weigher:**
 - Combined (multihead) or linear;
 - Volumetric;
 - Auger;
- ✓ **Manual infeeding is possible;**
- ✓ **Gives ability to pack different kinds of products:**
 - sift (cereals, oat flakes, muesli);
 - low-dusting (soda, salt, washing powder);
 - small-lump (sweets, crackers, etc.).
 - unit (product in a bag).
- ✓ **provides the possibility to pack product in a wide range of packaging with various shapes;**



Line for packaging into carton using volumetric weigher based on vertical cartoner BASIS80

VOLUMETRIC WEIGHER:

Capacity: up to 80 doses / min
Amount of weighing cups: 8 pcs.
Dosing accuracy:
According to GOST 8.579-2002

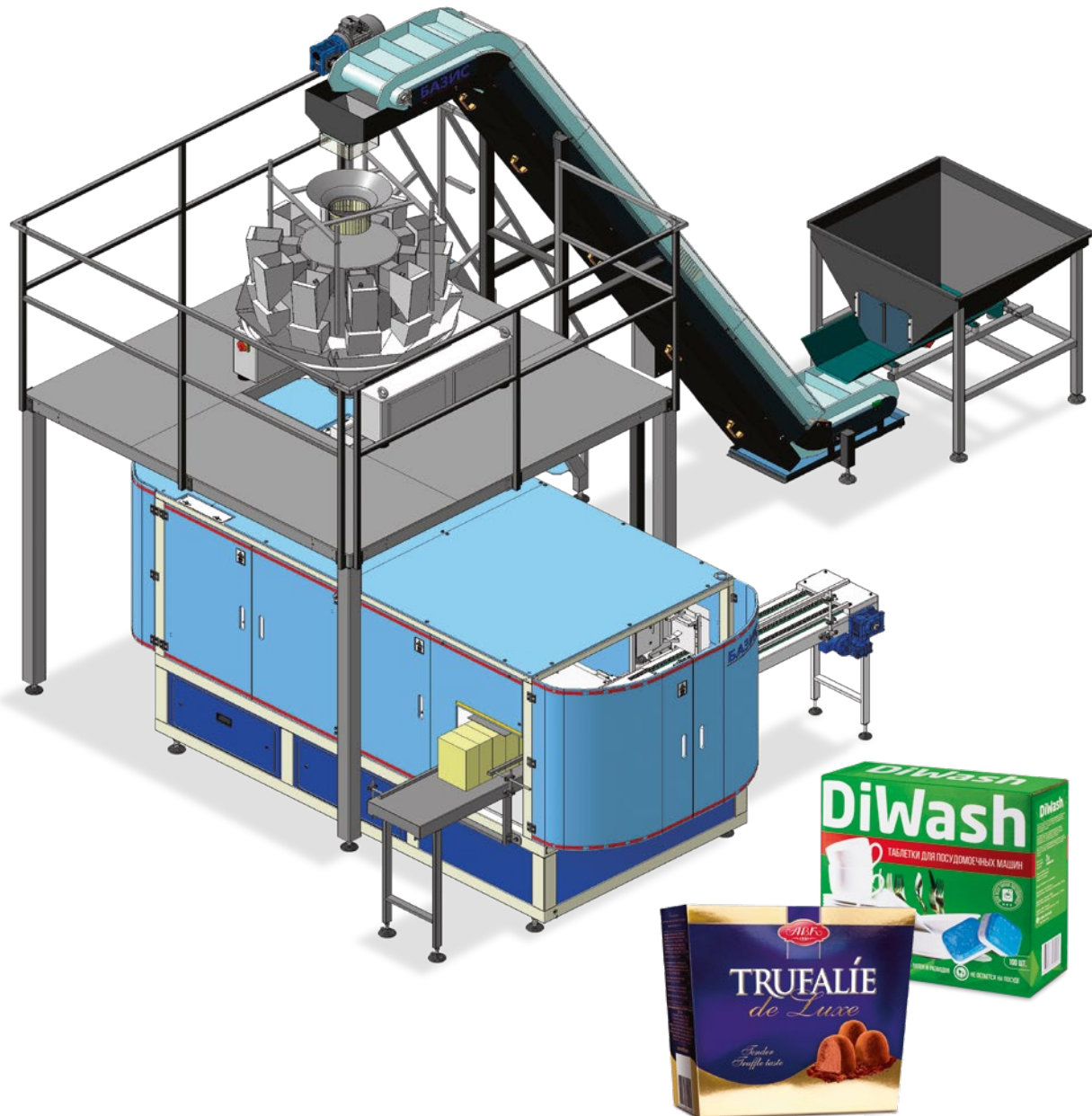
INFEED CONVEYOR

INFEED HOPPER



- ✓ Packed product – bulk and dusty products into carton without primary packaging;
- ✓ Valves' folding method – labyrinth. Product will never sift from a ready-glued box;
- ✓ Packing material – low quality cardboard;
- ✓ Usage of a volumetric weigher minimizes product sifting into the working area at the time of dose formation and after the dose is dropped into the box;
- ✓ Capacity of the complex is up to 80 packs per minute.

Line for packaging into carton using multihead weigher based on vertical cartoner BASIS40

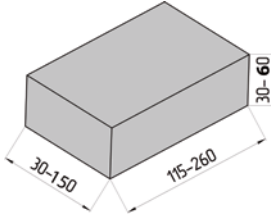
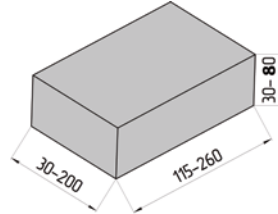


- ✓ Packaged product - bulk products into carton without primary packaging;
- ✓ Valves' folding method – labyrinth. Product will never sift from ready-glued box;
- ✓ Packing material – low quality cardboard;
- ✓ Usage of a weigher increases the accuracy of dose;
- ✓ Capacity of line with one cartoner – up to 40 packs per minute, with subsequent boxes grouping and feeding into a shrink machine

HORIZONTAL CARTONER BASIS50 / BASIS50-DUPLEX

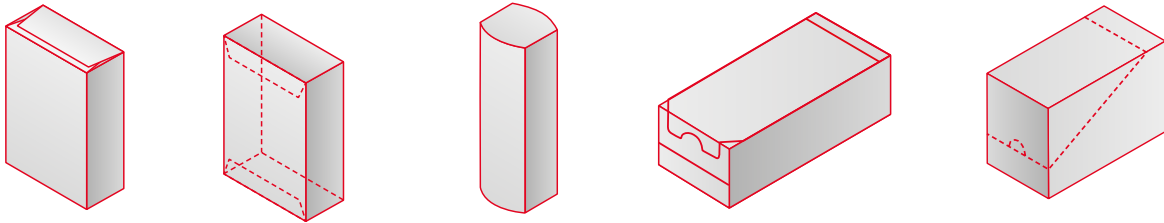


Basis50/ 50-Duplex Technical Specification

Model	Basis50	Basis50 Duplex
Carton dimensions		
Capacity	up to 50 bag/min	up to 80 bag/min
Type of infeed	Infeding conveyor	
Printer	Up to customer	
Adhesive (gluing) station	Nordson	
Voltage/Frequency	220/50 V/Hz	
Compressed air consumption (at a pressure of 6 MPa), not more than	150 L/min	300 L/min
Overall dimensions (LxWxH), not more than	3200x3000x1700±50mm	
Machine weight, no more than	1150 kg	

The machine is designed to implement the entire variety of your packaging needs into cartons with variety of options: box shapes; nutritive and nonnutritive products; ways of packing and grouping

TYPES OF CARTON:



THE GENTLE WAY OF PRODUCT INFEEEDING INTO A BOX:

- ✓ using conveyor system,
- ✓ using flow-pack machine,
- ✓ using VFFS machine;
- ✓ with the automated system of forming and stacking the box set ;
- ✓ manually.

SOLUTION OF ANY TASKS OF PACKING INTO A CARTON BOX

- ✓ Unit products packed in a film (sweets, wafer cakes, cookies, glazed curds, etc.);
- ✓ products placed into the tray (plastic tray) (marshmallow, marmalade, cookies, etc.);
- ✓ a set of several bags (cooking bags, cookies, candies, etc.)
- ✓ Putting sets of bars into show-box.



Vertical form fill sealing machine Basis 17/18/19/20

10



Specification of machines Basis17/ 18 /19 /20

Parameter	Basis17 Pillow Bag	Basis18 Stabilo bag	Basis19 Doy Pack	Basis20 Pillow Bag
Capacity	up to 100 bags/ min	up to 60 bags/min	up to 60 bags/ min	up to 120 bags/ min
Type of motion	intermittent	intermittent	intermittent	continuous
Bag length	Up to 300 mm			
Bag width	Up to 290 mm	125 – 180 mm	125 – 180 mm	Up to 290 mm
Film width	250 – 600 mm	450 – 600 mm	450 – 600 mm	600 mm
Film thickness	40 – 80 mkm			

FEATURES

- ✓ reliable ergonomic design;
- ✓ consistently perfect package quality due to design features;
- ✓ an additional servo drive in the film pulling mechanism ensures the accuracy of the film stop and the perfect quality of the horizontal seal;
- ✓ the ability to correct position of the film and the welding temperature during operation;
- ✓ Forming tube support during pulling moment ensures accuracy and stability of the film cutting according to the drawing with an error of 1-2 mm;
- ✓ convenient setup and control of the machine using a large color display;
- ✓ fast line changeover from one bag size to another.

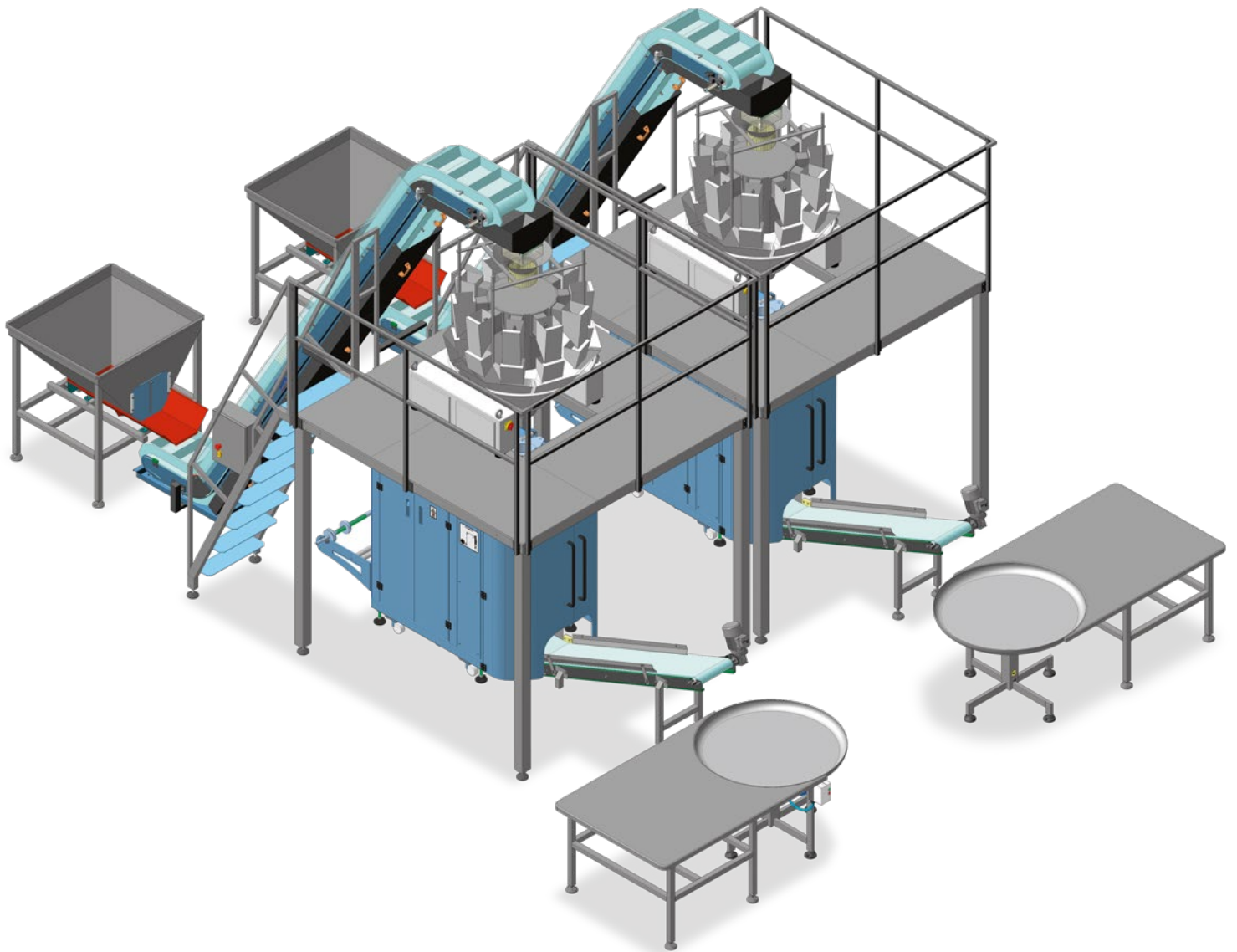


2150 mm

TYPES OF BAG								
Basis17	✓	✓	✓	✓	✓			
Basis18	✓	✓	✓	✓	✓	✓	✓	✓
Basis20	✓							
Basis19								

High-speed line for packaging products into polimer film bags

12



Standart line for packaging products in polimer film bags



TYPES OF BAG							
Basis10\10M	✓						
Basis4	✓	✓	✓	✓			
Basis11	✓	✓	✓	✓	✓	✓	✓

Vertical form fill and seal machine Basis10/10M



TECHNICAL SPECIFICATION Basis 10/10M		
Parameter	Basis10	Basis10M
Capacity	up to 60 bags/min	up to 40 bags/min
Bag length	up to 300 mm	up to 395 mm
Bag width	290 mm	
Film width	130 - 600 mm	350 - 600 mm
Film thickness	35-60	40-65

Vertical form fill and seal machine Basis4/11



TECHNICAL SPECIFICATION Basis 4/11		
Parameter	Basis4	Basis11
Capacity	up to 60 bags/min	up to 50 bags/min
Bag length	Up to 315 mm	Up to 340 mm
Bag depth	Up to 80 mm	Up to 80 mm
Bag width	Up to 210 mm	Up to 131 mm
Film width	145-600 mm	250-520 mm
Film thickness	35-80 мкм	35-80 мкм

Packaging Line for dusty product into polymer film bag



AUGER FILLER:

The maximum dose volume is up to 5 kg
 Weighing accuracy - +/- 0.2 - 5g
 Weighing speed - up to 50 doses / min.
 Amount of programs - 10 pcs.

OUTFEED CONVEYOR

ACCUMULATIVE TABLE

- ✓ Ability to pack dusty products
- ✓ Automatic control of dispenser filling



Soda powder

starch

Baby food

Flour

powdered sugar

cocoa





Multihead weigher

Capacity	up to 120 doses / min
Weighing accuracy	+/- 0.5 - 2 g
Weighing range	10 - 3000 gr
The number of recipes	99 pcs.

Volumetric weigher

Capacity	up to 50 doses / min.
Weighing	accuracy +/- 1-3%
Maximum dose weight	up to 1 kg
Amount of weighing cups	4 pcs



Auger filler

Maximum dose weight	5 kg
Weighing Accuracy	+/- 1%
Weighing rate	50 doses / min.
Number of programs	10

Z-TYPE INFEEEDING CONVEYOR

It is used for transportation of confectionery, snack products, frozen bakery products, products, vegetables.



OUTFEEDING CONVEYOR

Designed to transport ready-made packages with the product from the packaging machine to further technological operations.



VIBRATING HOPPER

Useful when packaging machine works with high speed and serves to accumulate the product before getting on infeeding conveyor



ACCUMULATIVE TABLE

Useful when packaging machine works with high speed (with capacity more than 50 pack / min) and serves to accumulate the ready-made packages.



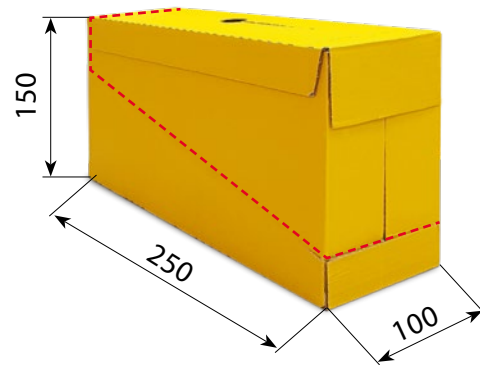
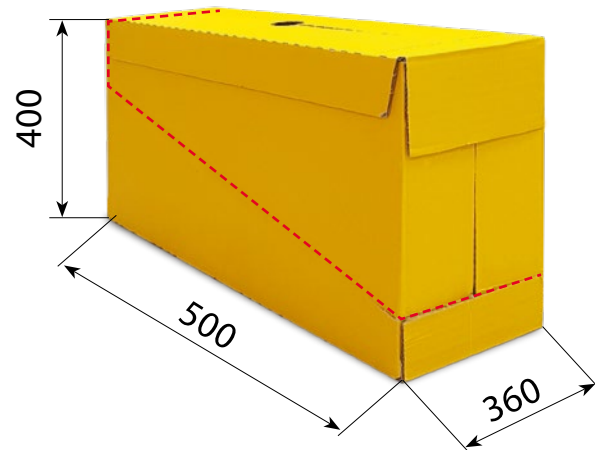
Cartoner Basis25 (wrap around)

The machine is designed for set packaging, pre-packaged in bags or boxes, using the wrap-around method in automatic mode.

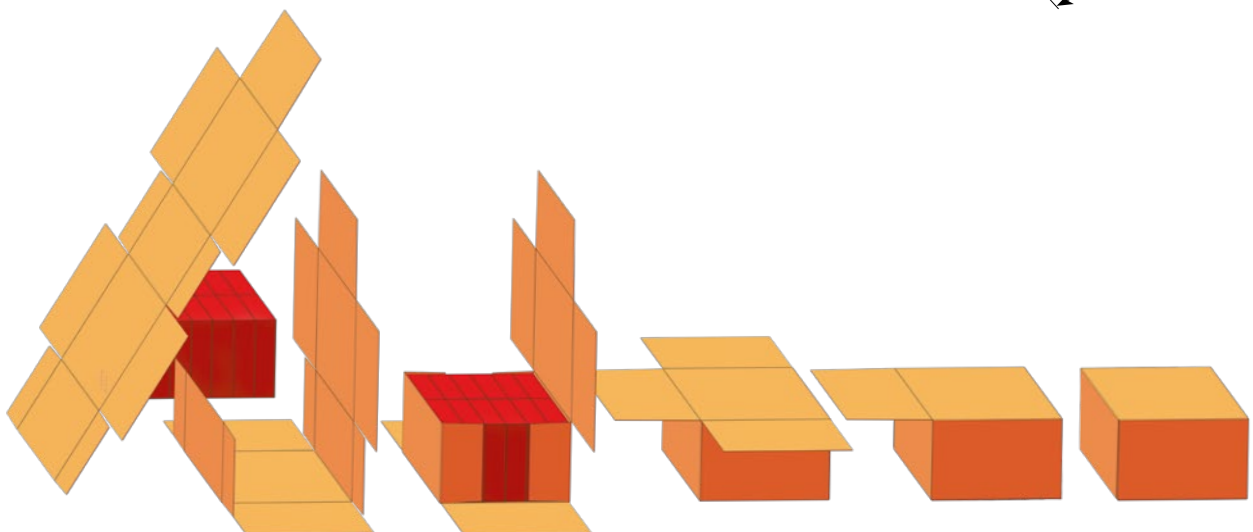
The box can be formed with open gluing form, as well as pre glued blanks. Carton thickness 0.75-4.0 mm.

TYPE OF BOX:

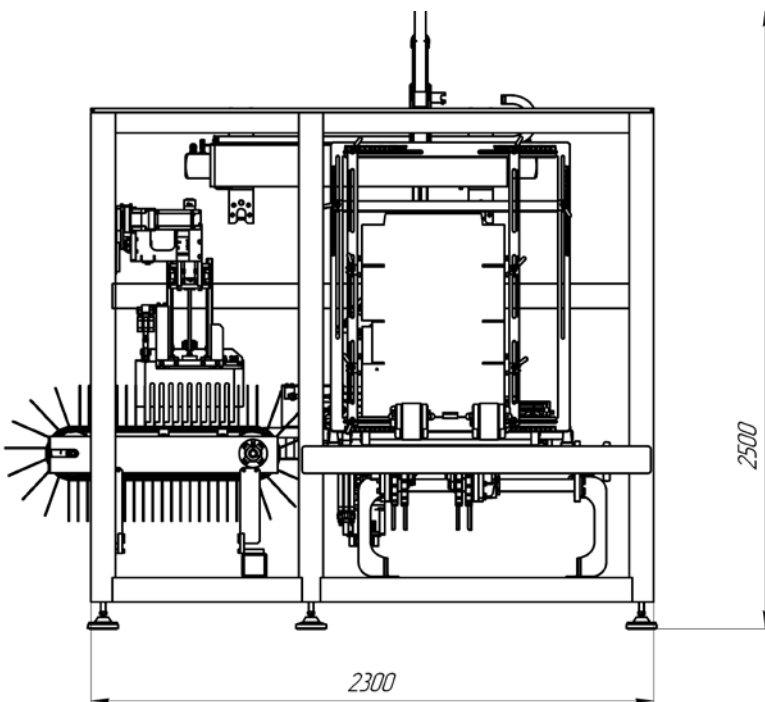
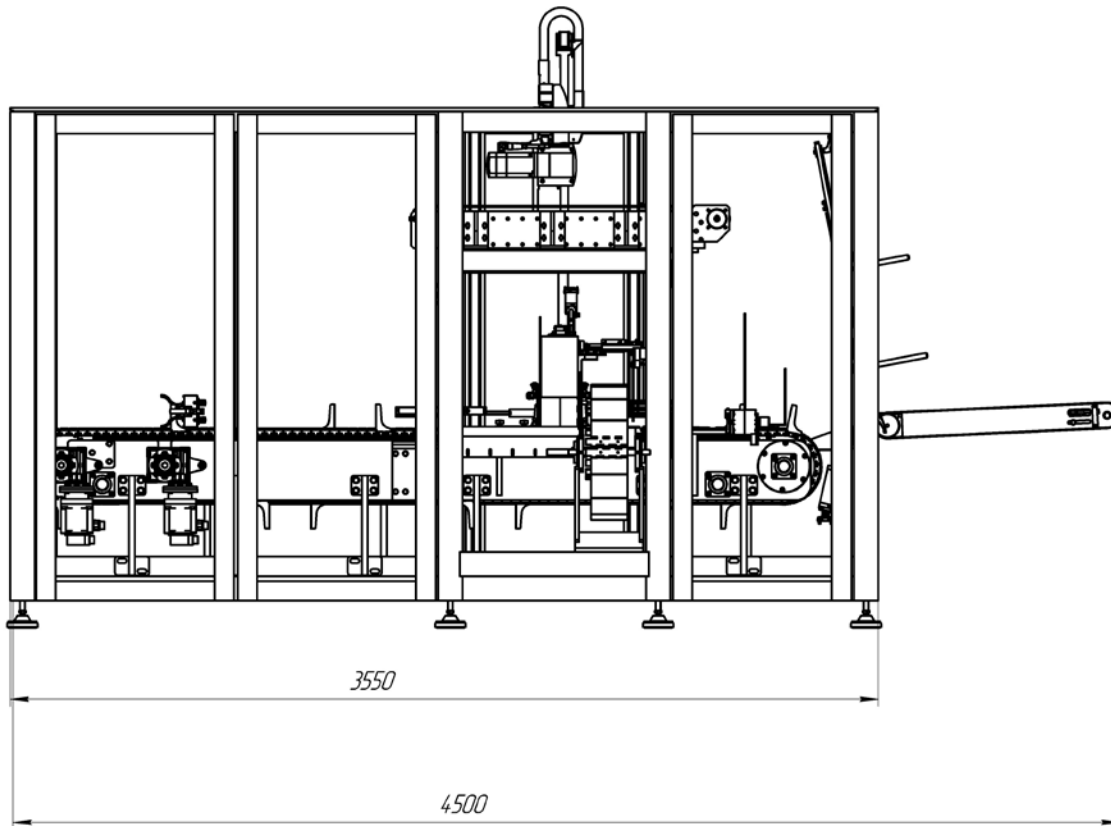
- ✓ Corrugated carton
- ✓ Shell ring
- ✓ Tray
- ✓ Showbox



PACKAGING PROCESS



MACHINE'S PARAMETERS



TECHNICAL CHARACTERISTICS	
Capacity	Up to 20 boxes/minute
Type of motion	Intermittent
Packaging material	Corrugated carton
Cardboard thickness	0.75-4.0mm
Glue station	Nordson
Voltage/Frequency	220 / 50V-Hz

BASIS

PACKAGING EQUIPMENT

LTD "ME" Basis"

 07400, Ukraine, Kiev region,
Brovary, st. Oleg Onikienko, 6/11

 +38 044 579 90 95
 +38 044 579 90 97 (Fax)

 info@basispack.com

 www.basispack.com

