



Boxmaker PACK-mini PM-18

PURPOSE

This machine is designed for the manufacture of mainly four-valve boxes according to the FEFCO catalog. This boxmaker is more compact, has simpler construction and lower weight than its counterparts. It is very easy and quick to set up.

EQUIPMENT CAPABILITIES

The machine can be quickly and easily set up for a new order using the FEFCO codes, or one can perform a simple set of operations in a certain sequence that can be used, for example, for blanks cutting and fanning.

PM-18

0200, 0201, 0202, 0203, 0205, 0208, 0209, 0214, 0230,
0300
0409, 0410, 0411 (across the working area of the machine)
093X (grid).

BRIEF SPECIFICATION

Maximum dimensions of the workpiece	
length, mm	no limit
width, mm	2100
Minimum dimensions of the workpiece	
length, mm	400
width, mm	300
The thickness of the processed cardboard, mm	2-7
Density of the board used, g/sq.m.	300 – 1400
The maximum dimensions of the scan of the finished part	
the distance between the cross-cutting knives, mm	1200
length, mm	unlimited
width, mm	1800
Minimum dimensions of the finished part	
the distance between the cross-cutting knives, mm	60
length, mm	300
width, mm	120
Cross-cut width, mm	7
Productivity, pcs./h	200 - 400
Operating personnel, p	1
Power supply	380-50Hz
Electric power, kW	2
Compressed air, atm	6
Dimensions (H x W x L), mm (with a feed table)	1200x2300x2500
Weight, kg	950

OPERATING PRINCIPLE

Longitudinal cutting of the workpiece into the size of the box sweep is carried out by paired disc knives at the entrance of the machine.

Due to the design of the frame of the cutting mechanism, it is possible to manufacture parts from blanks larger in width than the working area of the machine. At the same time, the remainder remains business and can be used for other details. The waste is diverted past the work area.

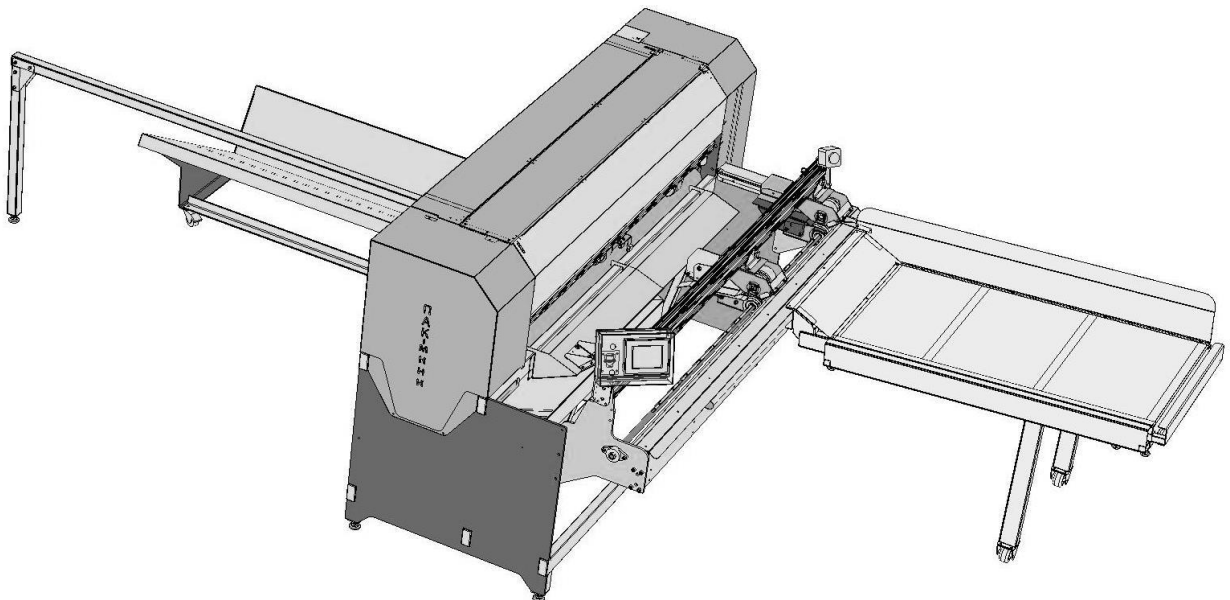
Longitudinal creasing is carried out by a roller into a polyurethane shaft at the second stage of processing. The roller is kinematically connected to the cross-cutting knives of the groove.

Transverse cutting of grooves with simultaneous creasing is performed by a cutting block with guillotine double-sided knives. In the same block there is a pneumatic knife for cutting off the adhesive valve.

Transverse cutting of workpieces occurs by moving the disc knife using a long-stroke pneumatic cylinder.

The machine is set up automatically according to the specified parameters of the box via the operator console.

The great advantage of the machines lies in the long-term durability of the cutting knives. Due to this, the operating costs are minimal



- The machine has the composition:
- manual feeding table (automatic is possible)
 - slitting section
 - cross cutting section
 - section of the cross section
 - acceptance table of finished products



CUTTING SCHEMES ACCORDING TO THE FEFCO CATALOG

02XX

FEFCO	CUTTING SCHEME	
0200		
0201		
0202		
0203		
0205		
0209		
0230		

03XX

FEFCO	CUTTING SCHEME	
0300		

04XX



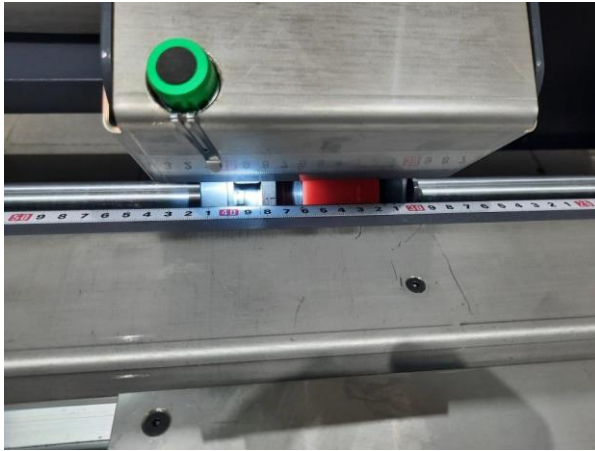
FEFCO	CUTTING SCHEME	
<p>0409</p>		
<p>0410</p>		
<p>0411</p>		

<p>093X (grid)</p>		<p>B L L L B</p>
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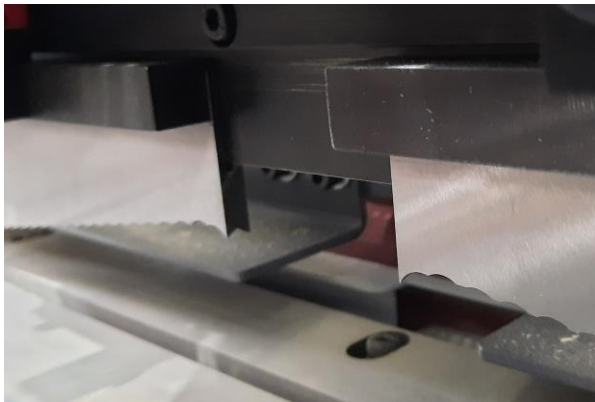
photo of the machine



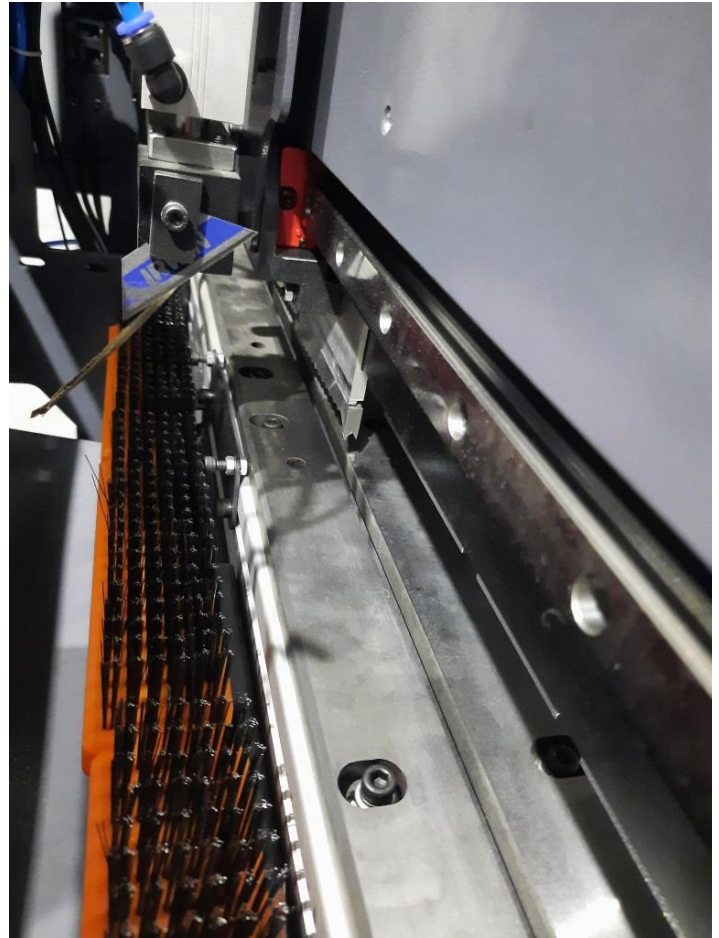
section of longitudinal cutting of workpieces



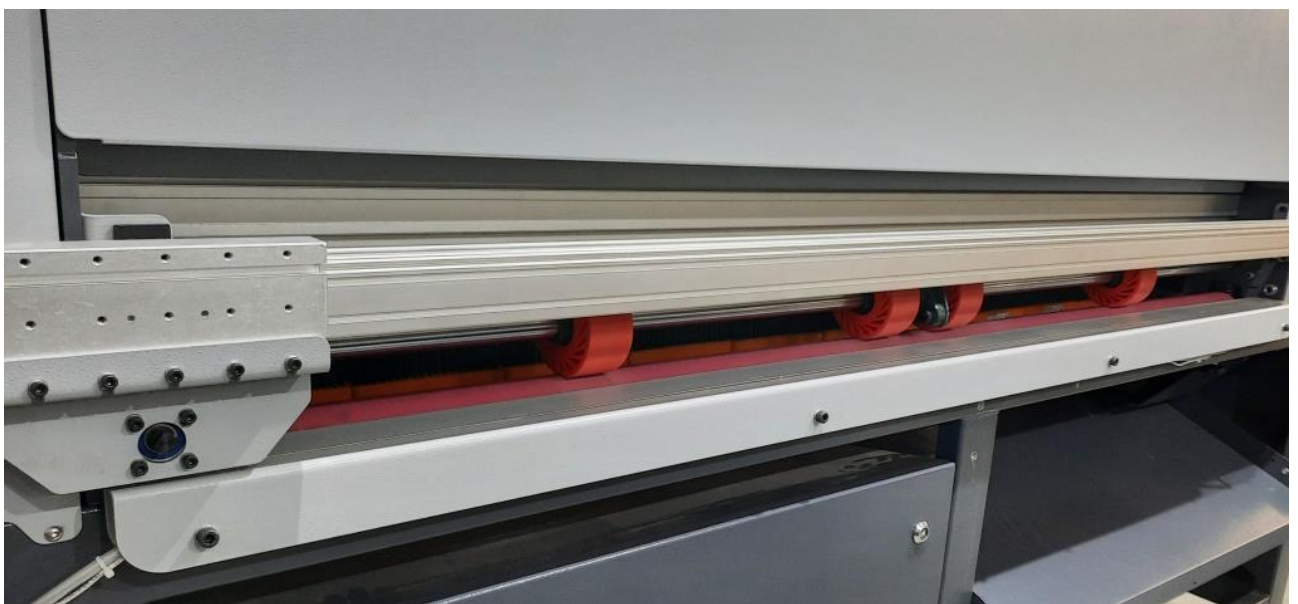
adjustment of the slitting knife



cross-cutting knives



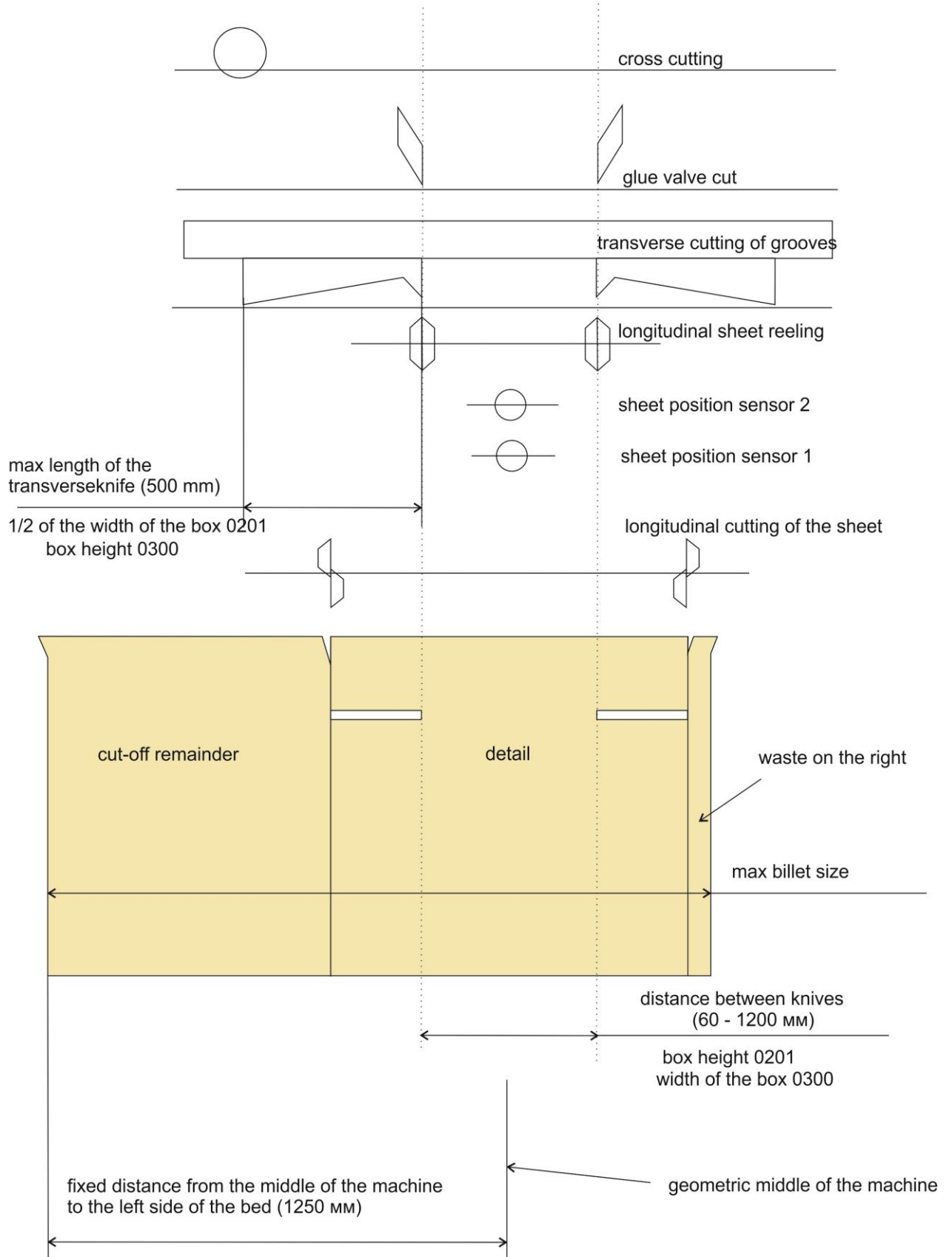
transverse cutting of grooves and
a segment of the adhesive valve



cross section



machine diagram



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PRICE AND TERMS OF SHIPPING

Equipment price is

PM-18 43 000 \$

Delivery is carried out after 100% payment in accordance with the concluded Contract.
Prepayment for the order opening equals to 50%. Production time is 60 working days.
Shipping is carried out by a transport company at the Purchaser's expense

If necessary, the representative of the Seller may conduct on-site installation supervision.
Business travel expenses and accommodation shall be paid by the Purchaser.

**Best regards,
Director of
ORTO, LLC**

Ilinykh Andrey.