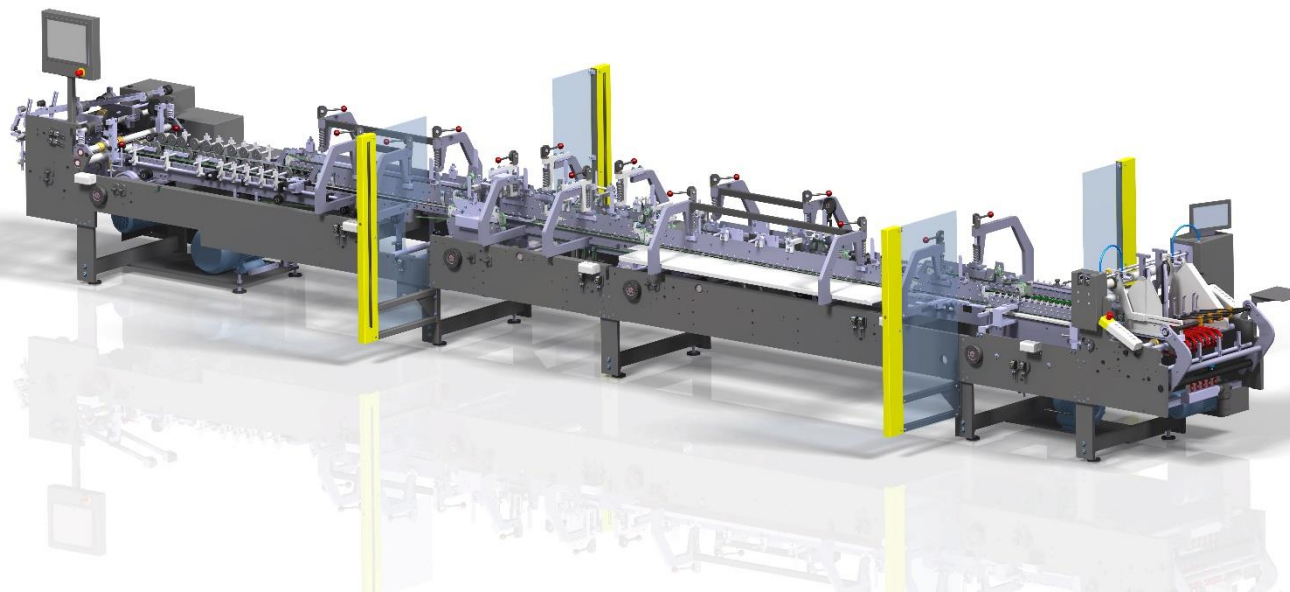




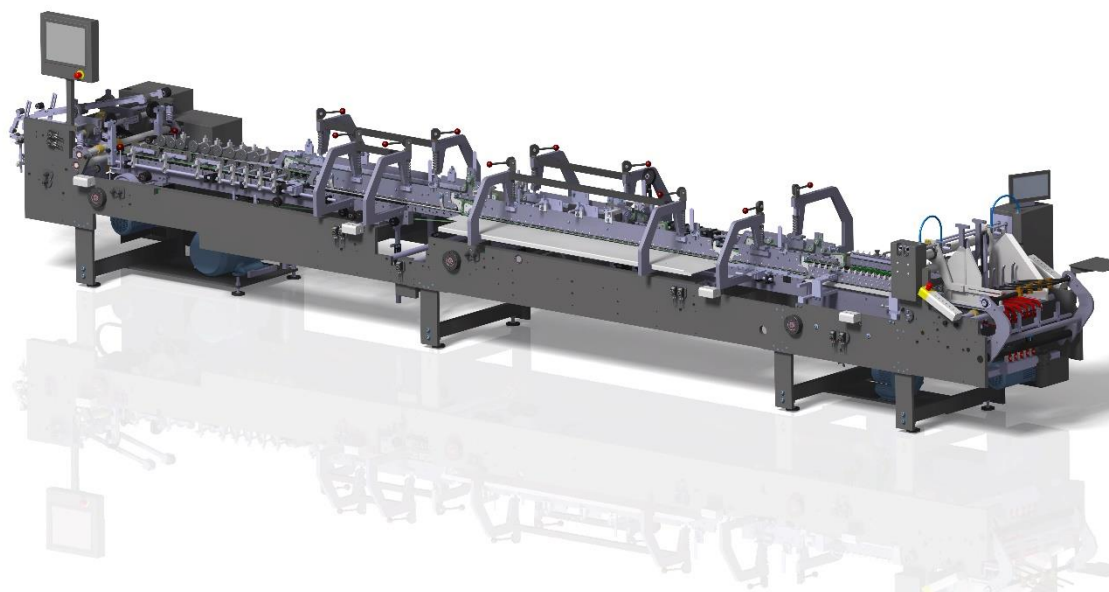
LPS MACHINERY

LPS DIANA 45-90-100

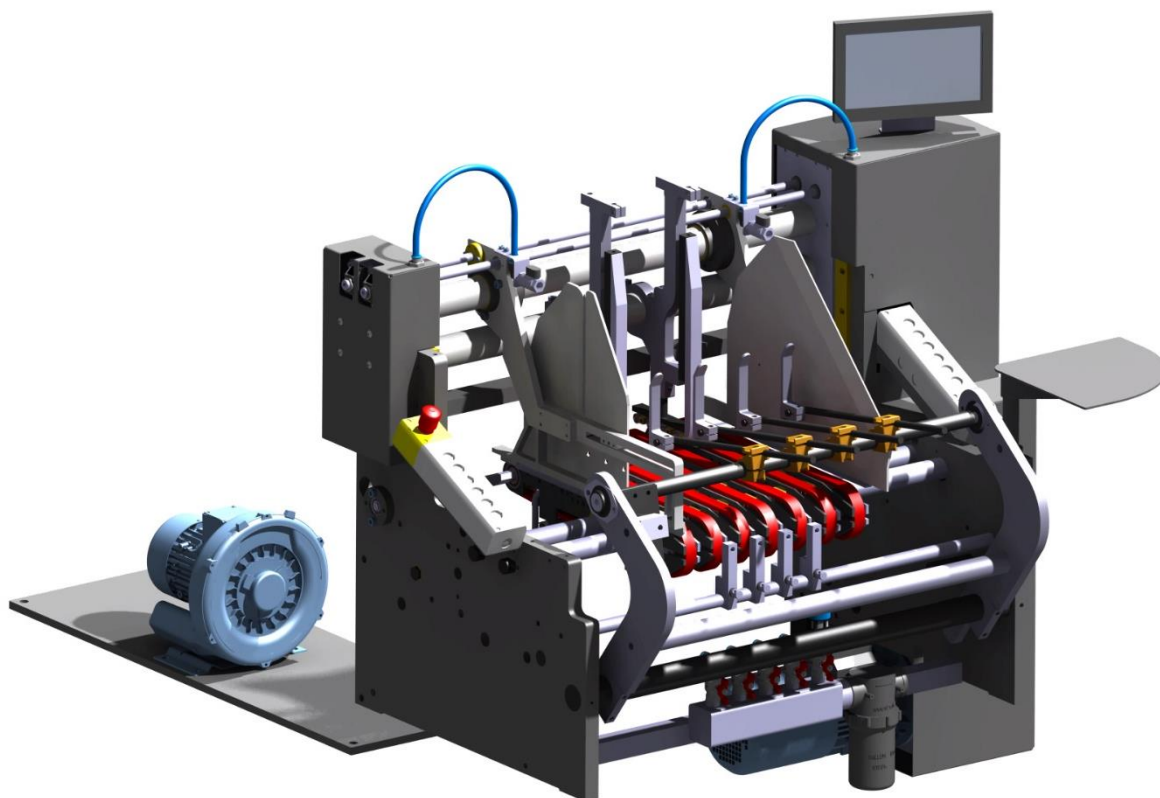
LPS DIANA 90/100 46 CL



LPS DIANA 45/90/100 SL



NEW FEEDER



Specification:

LPS Diana 45:

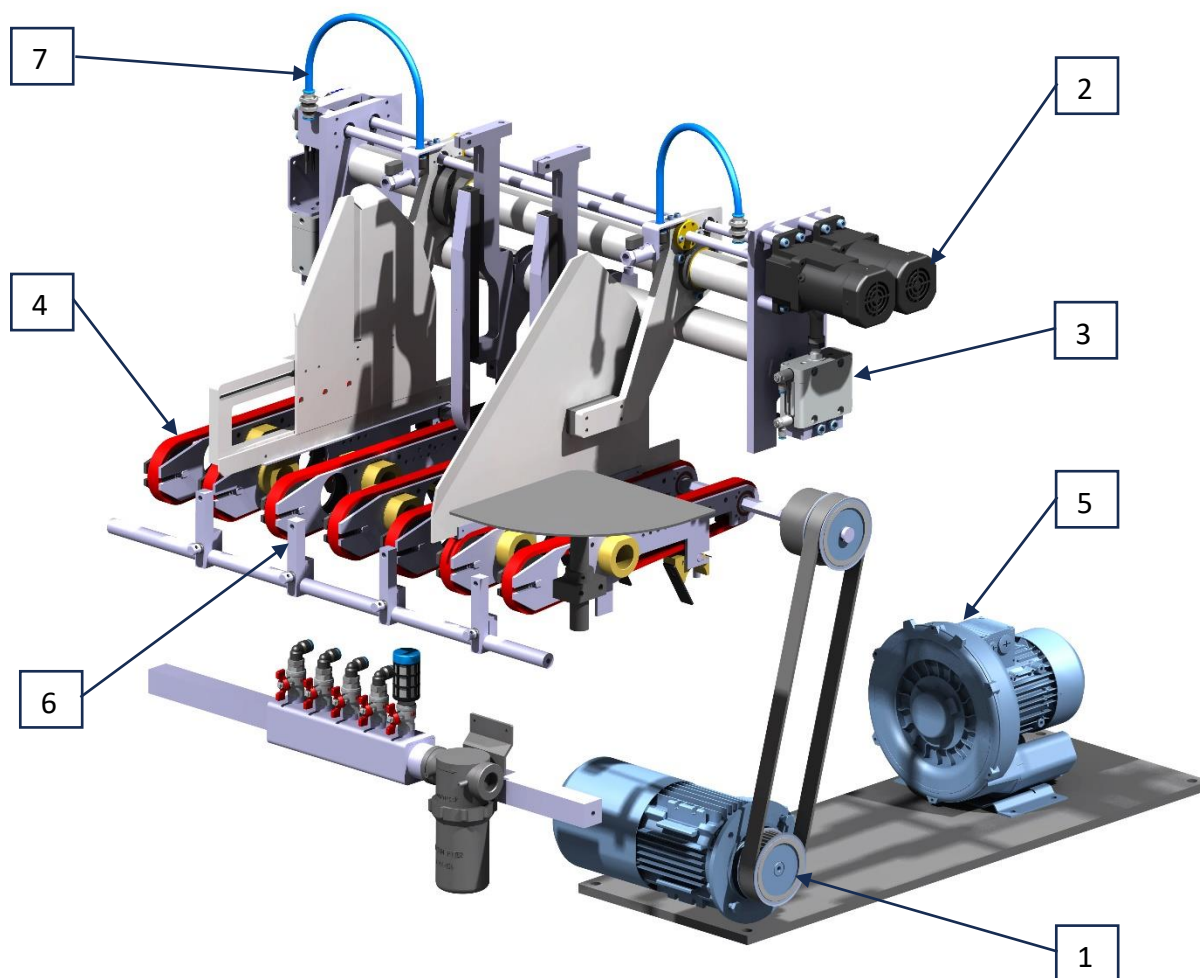
min format 48 mm
max format 570 mm

LPS Diana 90:

min format 48 mm
max format 830 mm

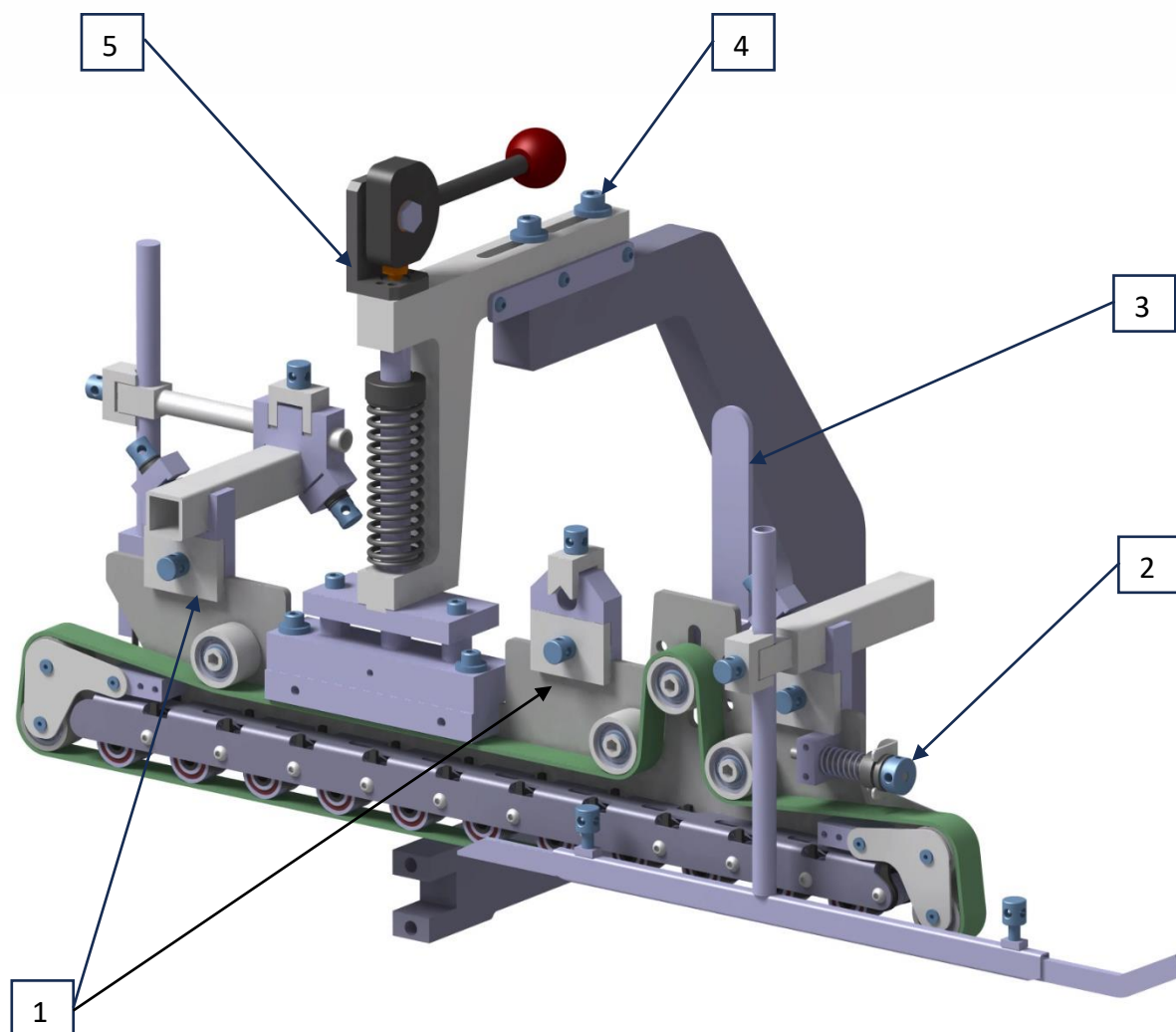
LPS DIANA 100:

min format 48 mm
max format 1000 mm



1. Feeder driven by a separate electric motor
2. AUTOSSET motorized feed gates – automatic approach to positions
3. Pneumatically lifted feeder top
4. Independent cassettes - changing the position on the machine when it is switched off
5. Vacuum on 4 belts
6. Cleaning blowing on 4 belts
7. Separating blowers
8. Strength adjustable vibrator
9. Monitor with camera showing the entrance to the gluing chamber

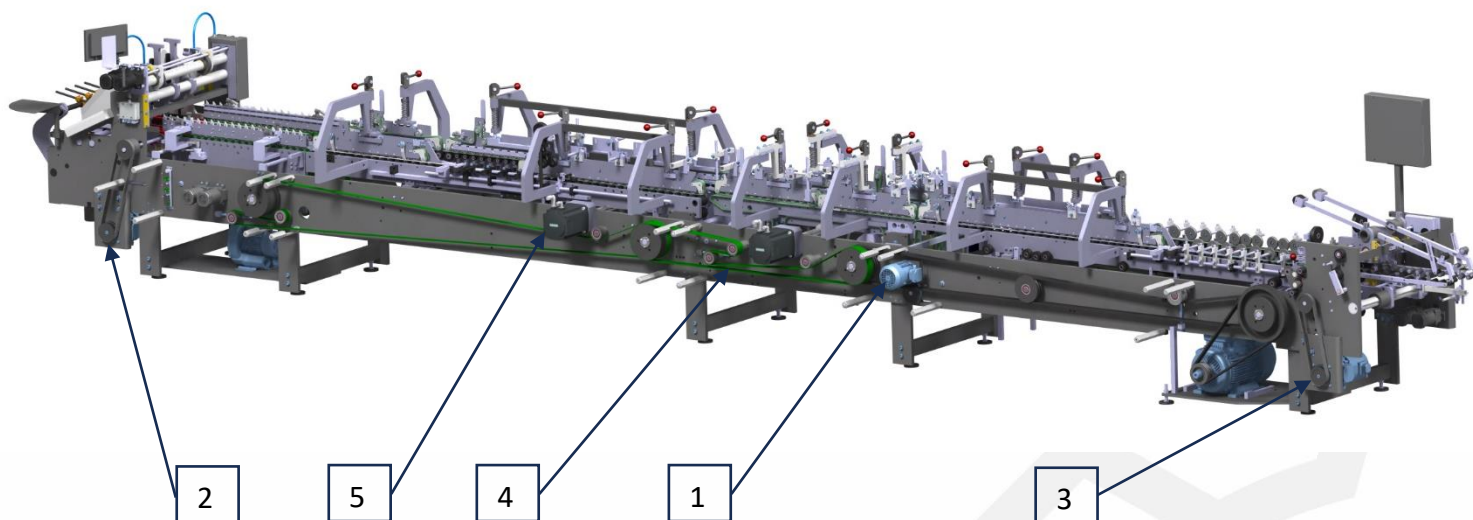
NEW UPPER TRANSPORTERS



LPS DIANA is equipped with modern upper carriers.

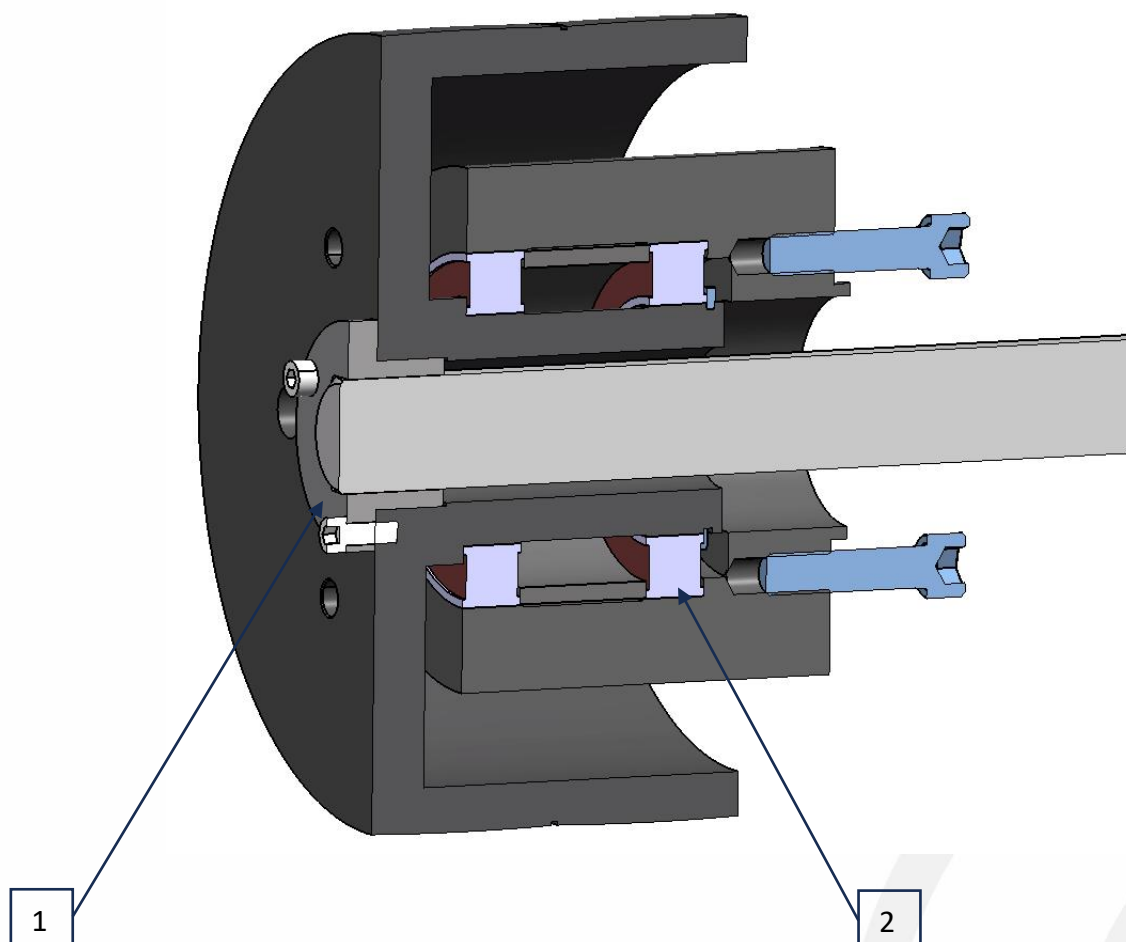
1. The innovative LPS CLAMPING SYSTEM allows the tooling to be mounted anywhere on the carrier.
2. Adjustment of the end roller with a knob.
3. Easy and effective belt tensioning.
4. Easy adjustment of the position of the carrier.
5. Easy adjustment of the roller pressure.

NEW DRIVES AND ELECTRONICS



LPS DIANA is powered by modern energy-saving motors in the IE3 class controlled by ABB and PLC SIEMENS inverters.

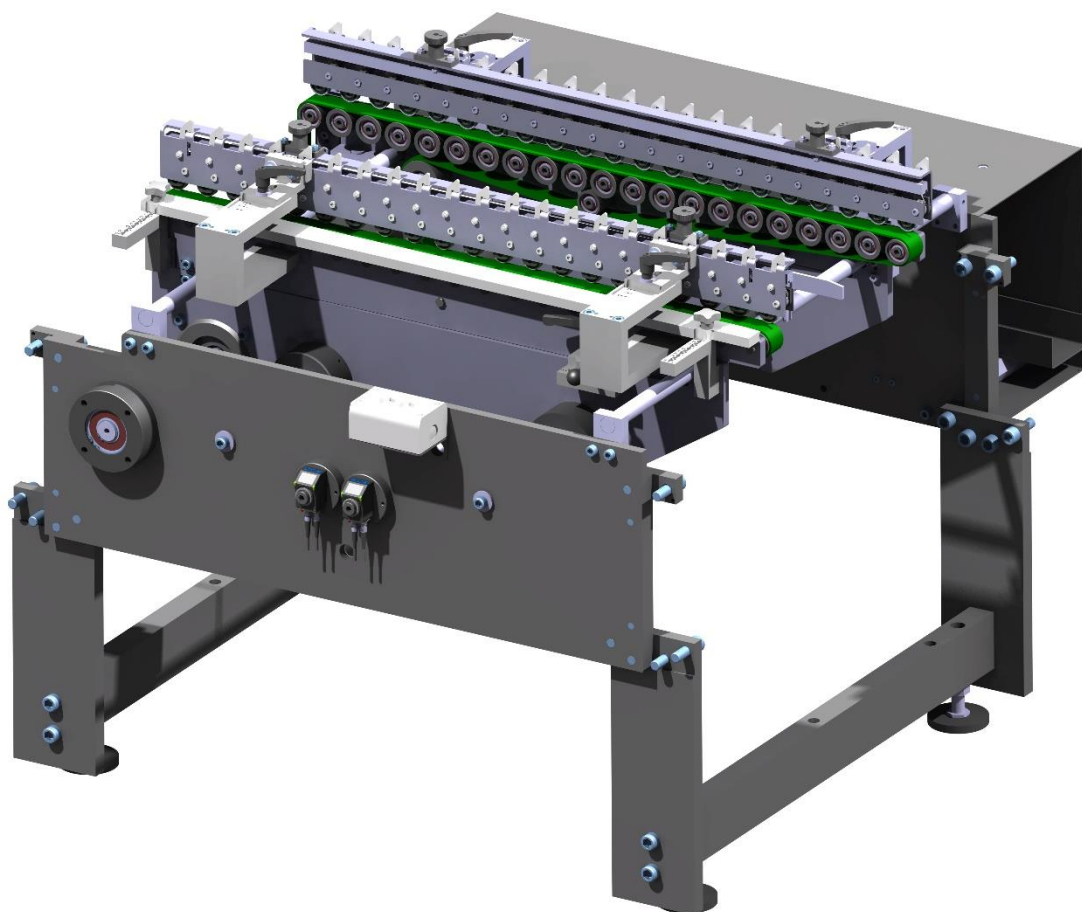
1. An additional drive motor of the glue wheel gives the possibility to use the LPS GP AUTO function – the machine is stationary, the glue wheel is turning, the glue remains mixed during the break.
2. Feeder drive motor – set on the HMI screen in mm between cartons.
3. Transfer section drive motor – section speed set in % on the HMI screen.
4. Belt drive provides a quiet and maintenance-free operation.
5. SIEMENS servo drives for BFH (back folding hooks) for an easy alignment and precise work.



The new drives guarantee quiet, durable and vibration-free operation.

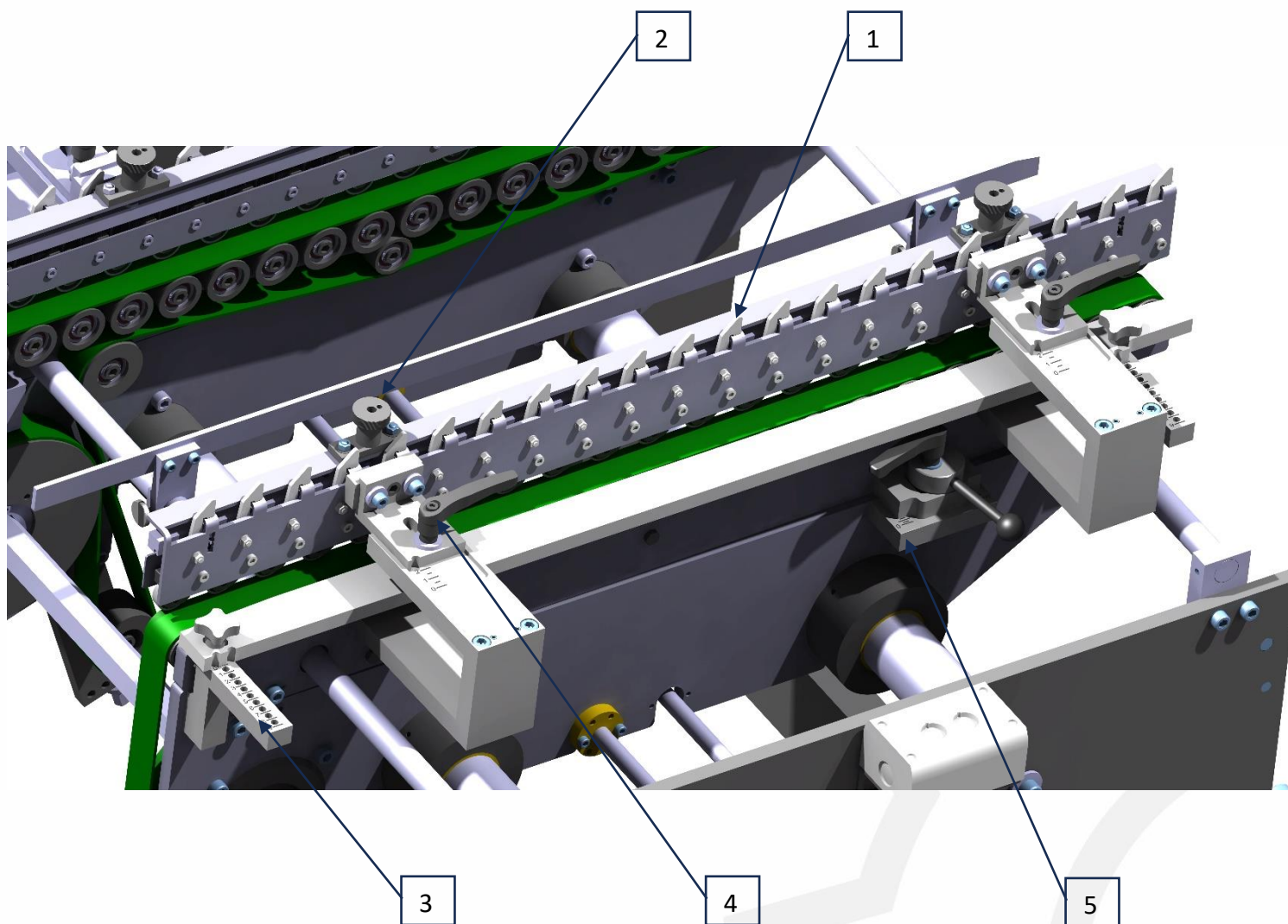
1. The plastic clutch eliminates the transmission of vibrations from the drive wheel to the shaft driving the carrier belts.
2. Powerful bearings ensure maintenance-free and long-lasting operation.

NEW ALIGNER MODULE



LPS DIANA is equipped with a modern alignment module.

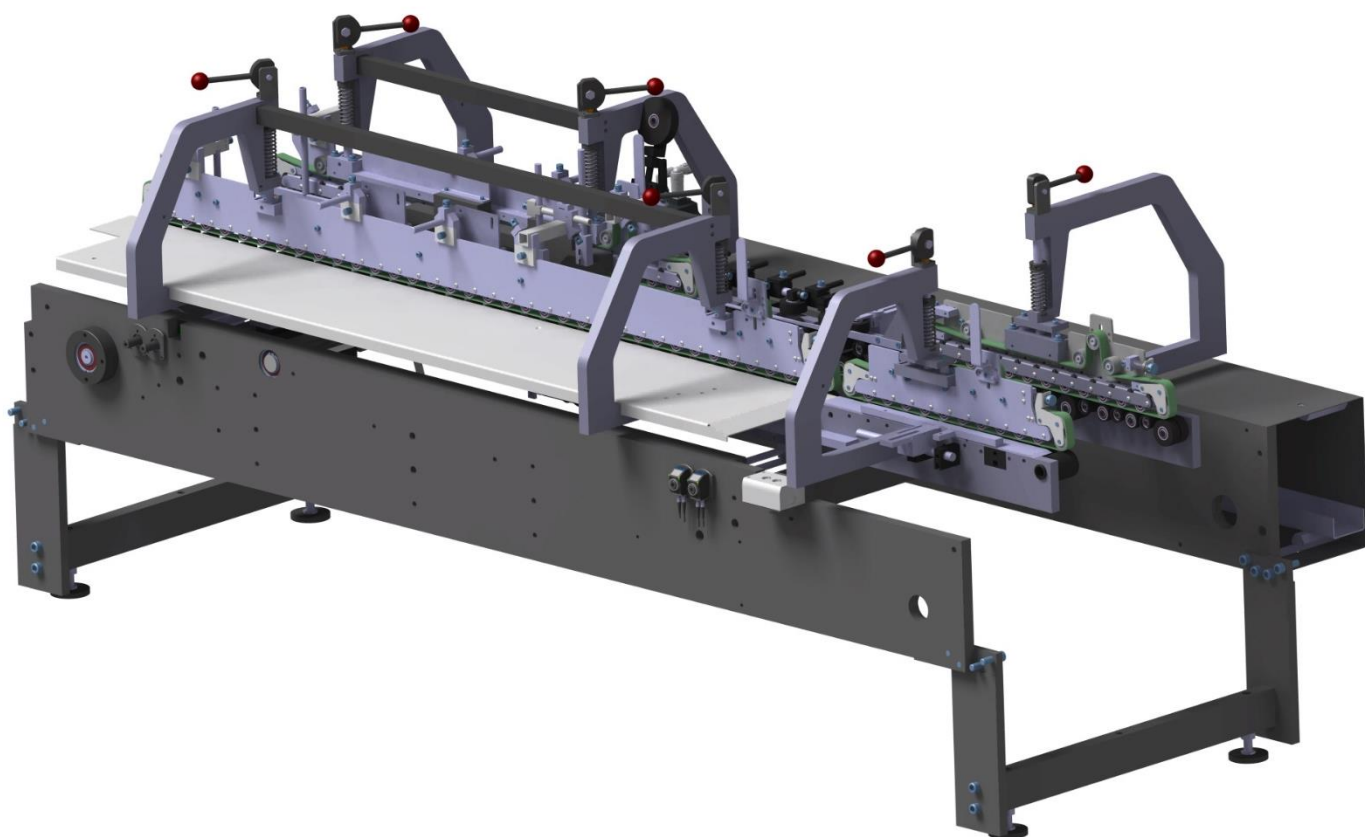
AUTOSET motorized transporters provides automatic approach to the positions.



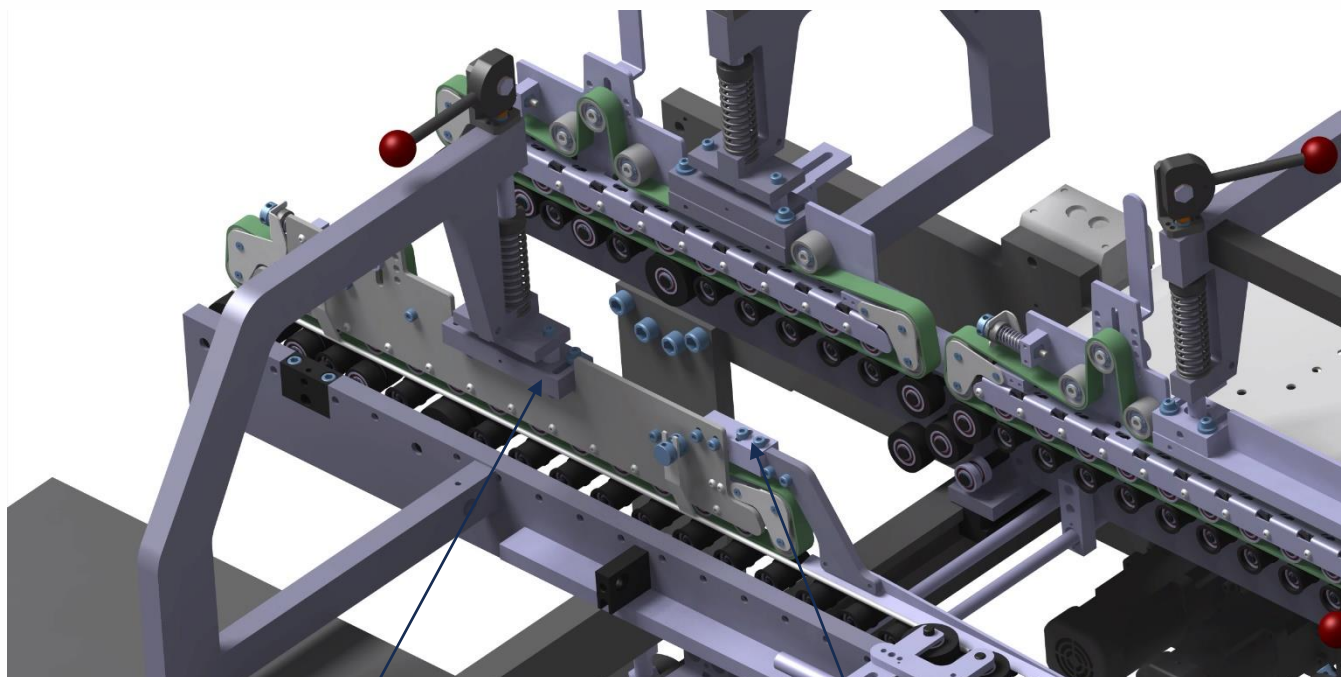
All changes to the aligner module setting do not require any tools.

1. Very simple lifting and lowering of the pressure rollers.
2. Simple pressure adjustment at the front and back of the carrier.
3. DATUM can be set in 8 positions on the left and right.
4. Quick repositioning of rollers on the belt.
5. Quick change of angle degree.

PRE-BREAKING MODULE



Module length 300cm to break the crease 1 and 3. AUTOSSET motorized transporters provide automatic approach to the positions.

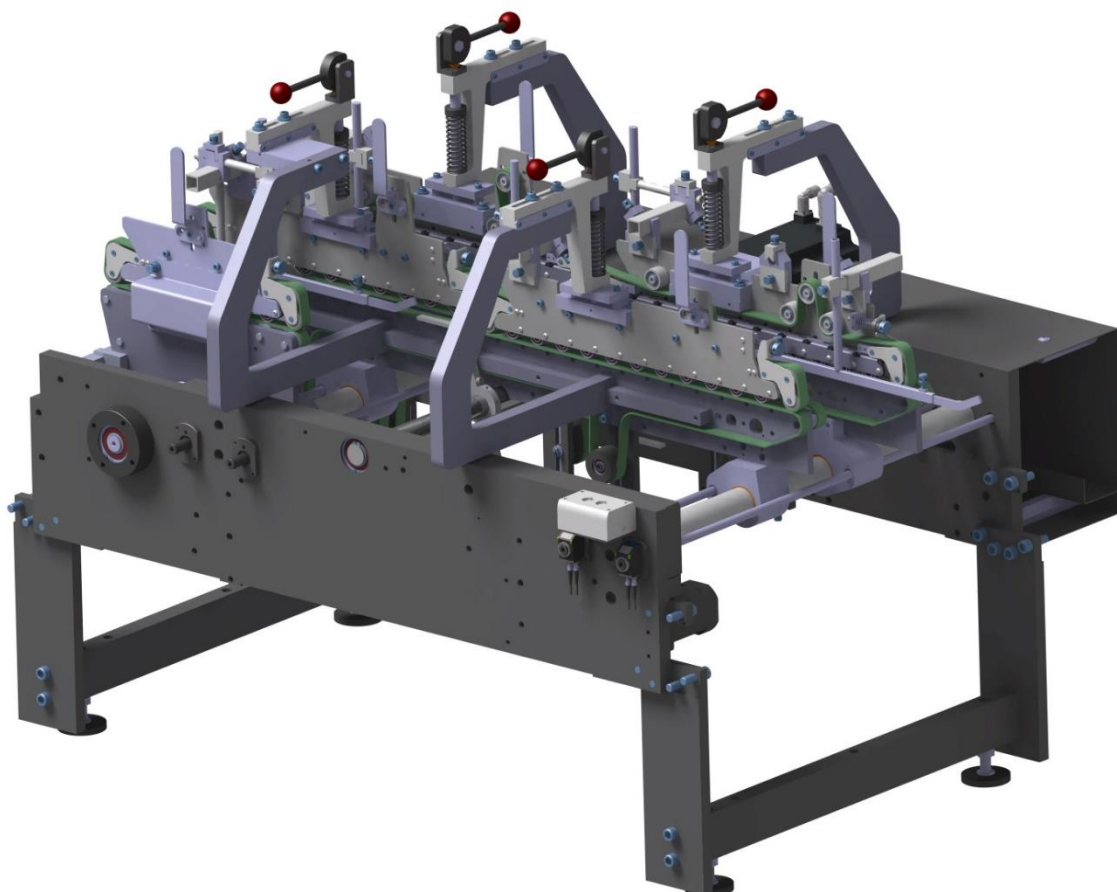


1

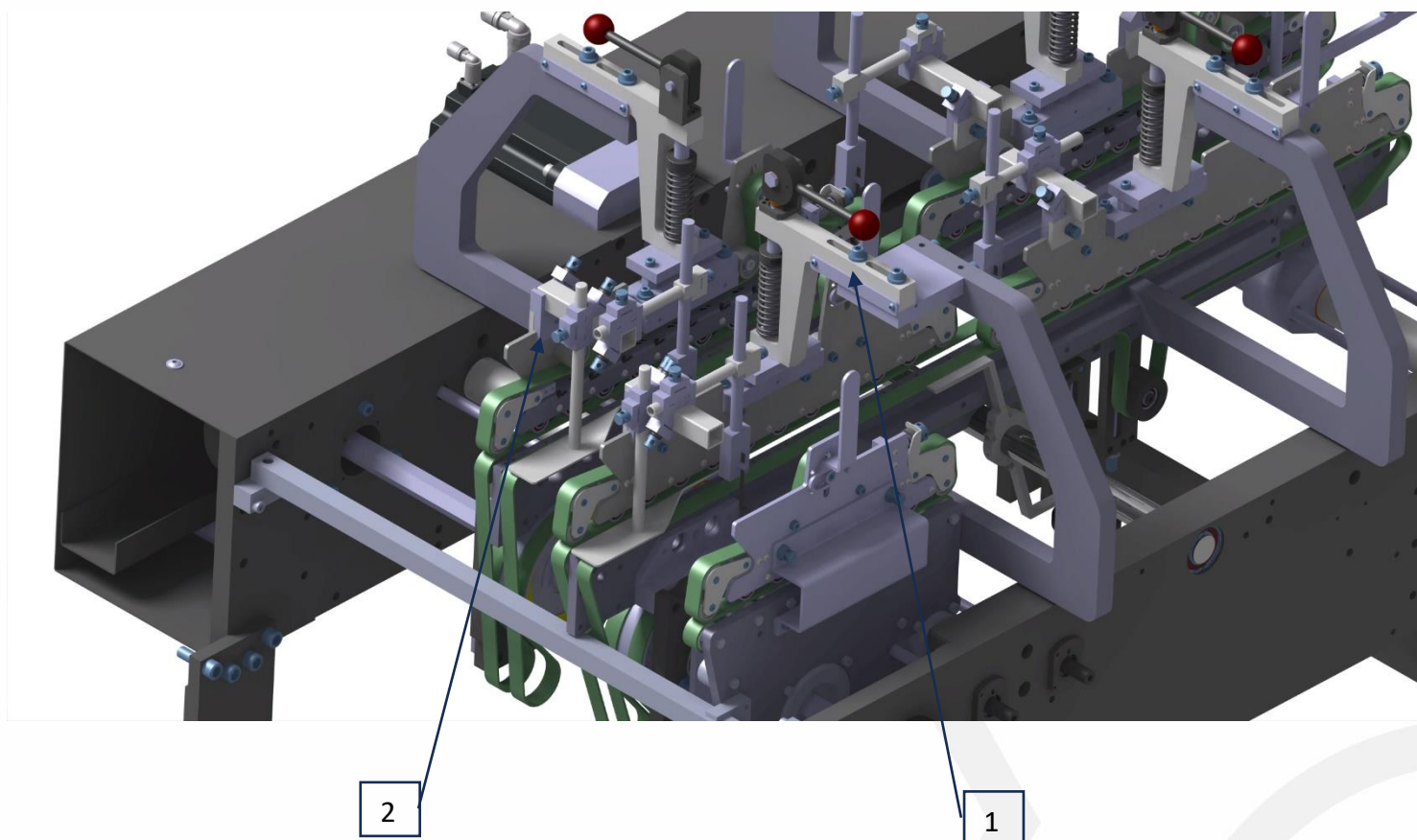
2

1. The unique Jagenberg-style design allows the right transporter to be moved to the lower right belt and the initial pre-break of the 1st and 3rd crease of the carton with a total width of 48 mm without any additional tooling.
2. Modern Bobst-style folding sword mount provides adjustment in every direction.

CL 46 MODULE

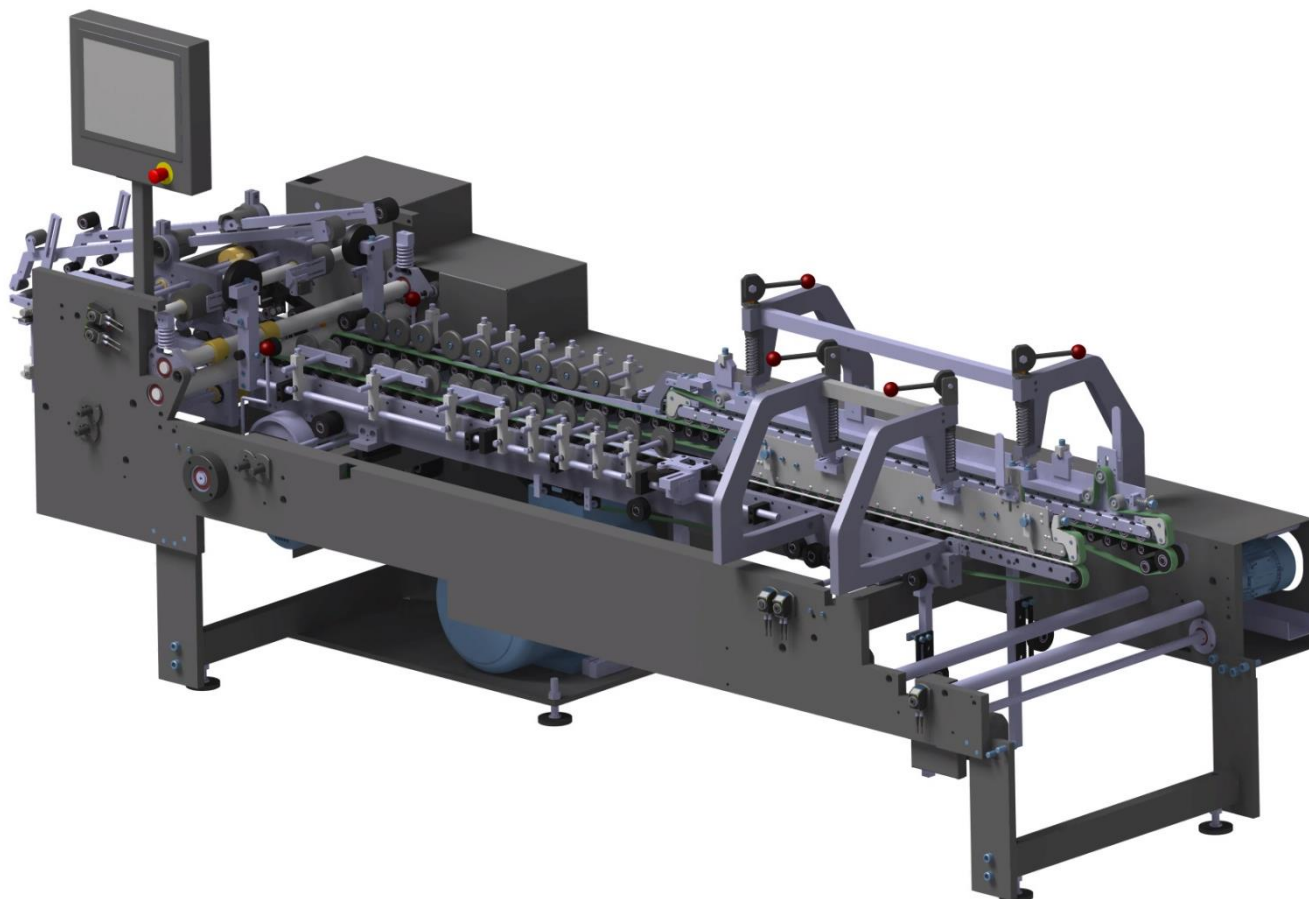


150cm long module for folding cartons with automatic bottom, 4/6 corner and complexes. AUTOSET motorized transporters provide automatic approach to the positions.

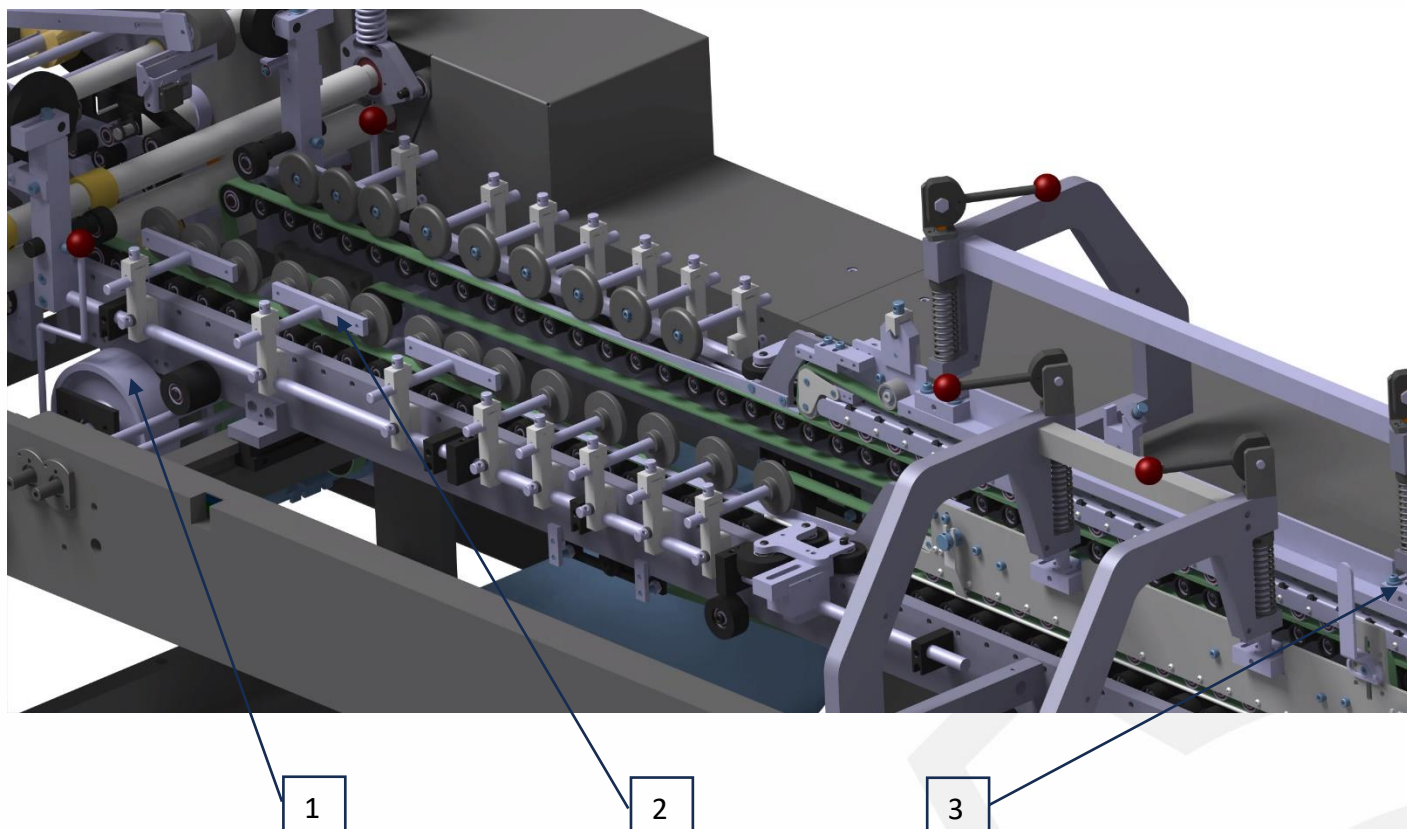


1. Easy adjustment of the position of the upper carrier from the left to the right belt allows for the folding of left and right cartons with an automatic bottom, it also gives a lot of possibilities for various folding of complex cartons.
2. The LPS CLAMPING SYSTEM allows you to attach accessories anywhere on the upper carrier.

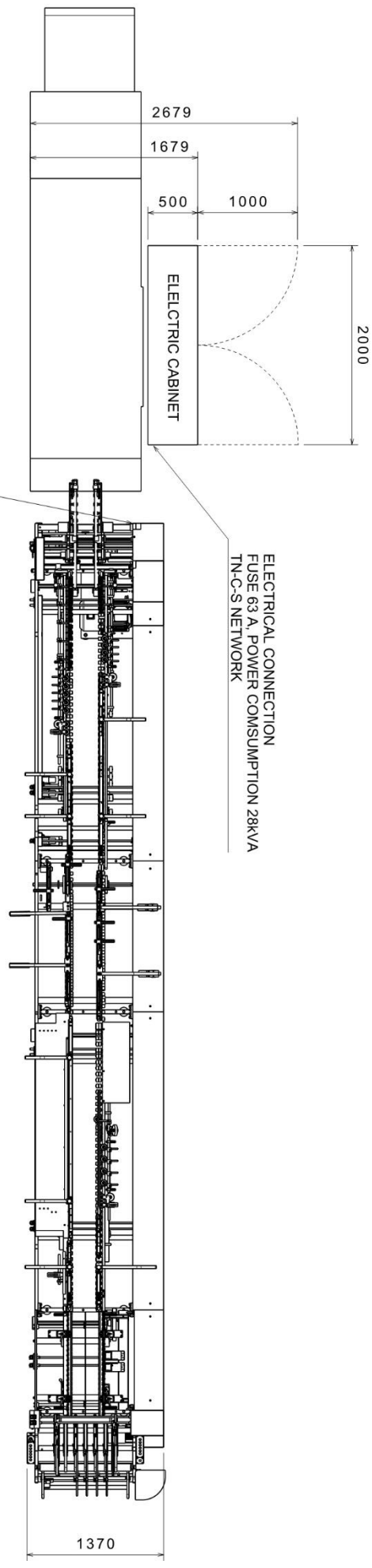
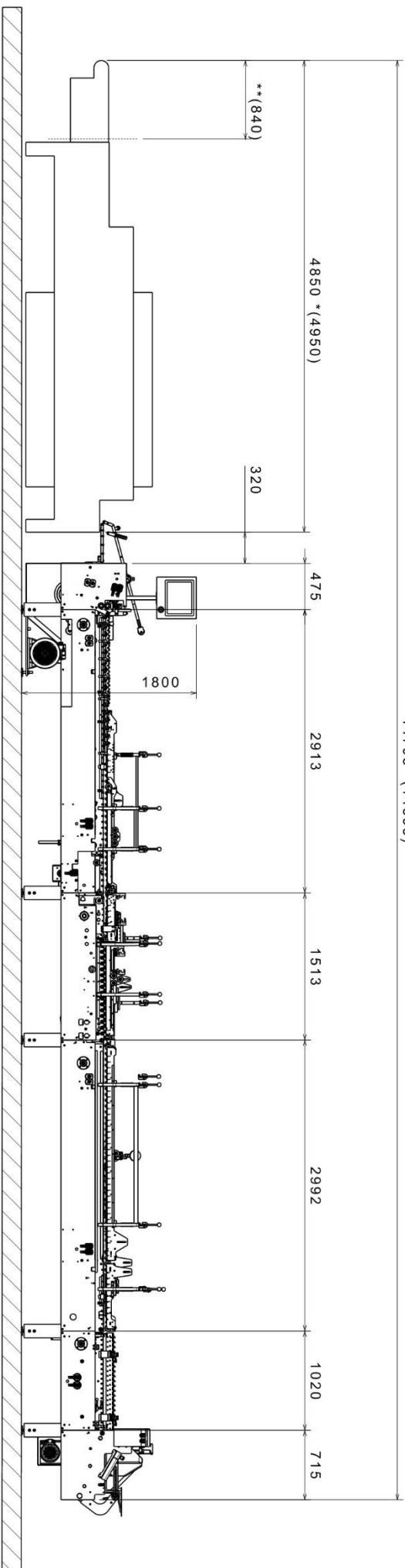
FINAL FOLDING MODULE



Module length 290cm for final folding. AUTOSSET motorized transporters provide automatic approach to the position. Large touch screen to control the machine and the database of saved jobs.



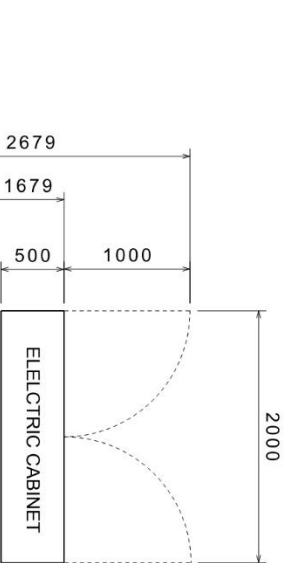
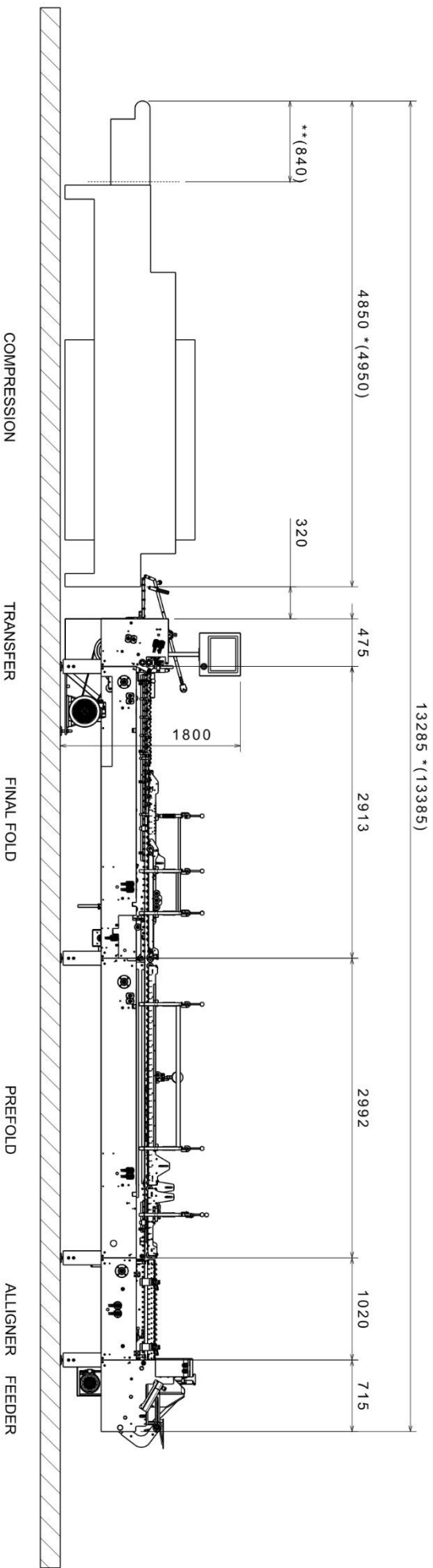
1. Smooth speed change of the upper folding belts.
2. Bobst-style folding rollers.
3. The unique Jagenberg-style design allows the right transporter to be moved to the lower right belt and the carton with a total width of 48 mm can be folded without any additional tooling.



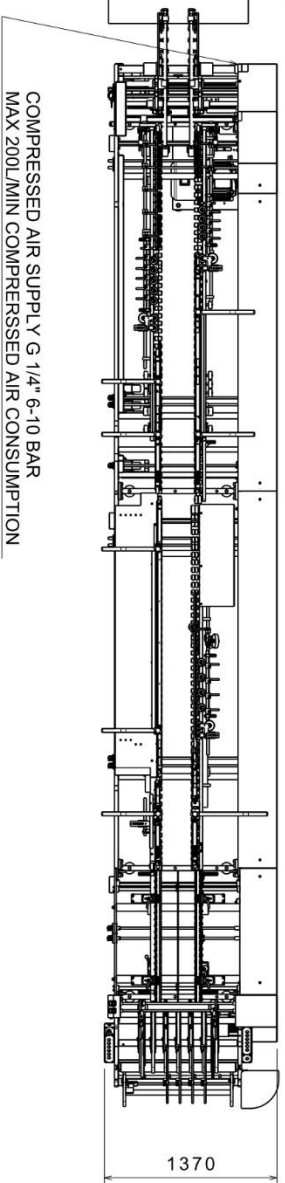
ELECTRICAL CONNECTION
FUSE 63 A. POWER CONSUMPTION 28kVA
TN-C-S NETWORK

COMPRESSED AIR SUPPLY G 1/4" 6-10 BAR
MAX 200L/MIN COMPRESSED AIR CONSUMPTION

* DIMENSION FOR PNEUMATIC COMPRESSION
** REMOVABLE ELEMENT FOR TRANSPORT



ELECTRICAL CONNECTION
400V 63A POWER CONSUMPTION 28kVA
TN-S NETWORK



* DIMENSION FOR PNEUMATIC COMPRESSION
** REMOVABLE ELEMENT FOR TRANSPORT

LPS D90 floorplan V4