

# VK-015

# AK-012



AUTOMATIC ELECTRO-MECHANICAL PRESS

 **dynamma**®





## OUR PERSEVERING AND INNOVATIVE EFFORT

The automatic electro-mechanical press VK-015 is a result of DYNMA experience in the furniture assembly industry. With the adoption of a new and advanced technology based on electronic vectorial control and using a wide range of high quality mechanic components, it results in an auto-adjustable press with high production rates.

### BASIC EQUIPMENT INCLUDED

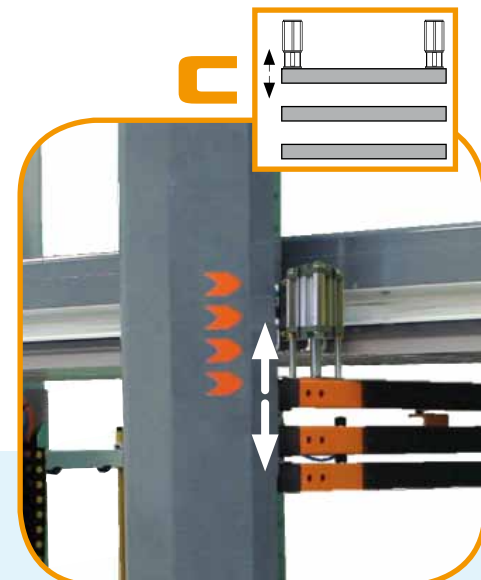
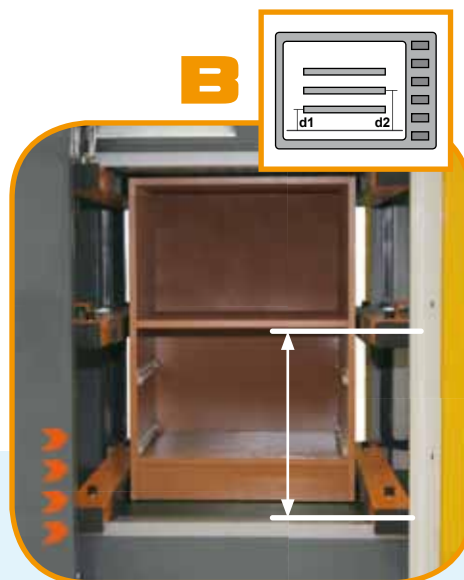
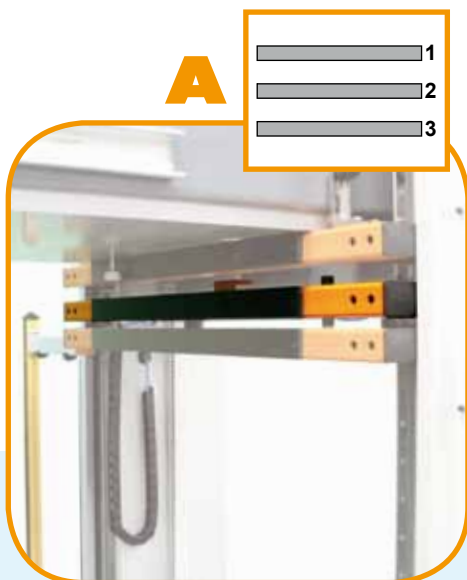
- Programming touchscreen.
- Conveyor belt with adjustable speed.
- Pre-assembling area integrated.
- "CE" Safety Standards.
- Front and rear photoelectric safety barrier.

### EXTRA OPTIONS

- A**• Intermediate lateral press group.
- B**• Automatic height positioning for a lower and intermediate lateral press group.
- C**• High lateral press group with automatic descend system.
- D**• Independent and prepared pre-assembling station, synchronized with press.
- E**• Ethernet connection.



Complete and useful control panel. It will enable you to monitor all parameters like the strength press, the operation type, the press time and the alarm management.





Auto-alignment system detail in the lateral press mechanism

Press mechanism with ballscrews activated through a high performance geared motor.

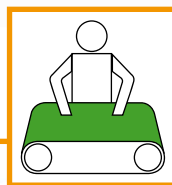
PVC conveyor belt with adjustable speed: from 10 to 35 m/min.

Their photoelectric sensors together their incremental encoders will enable you to determinate the cabinet dimensions.

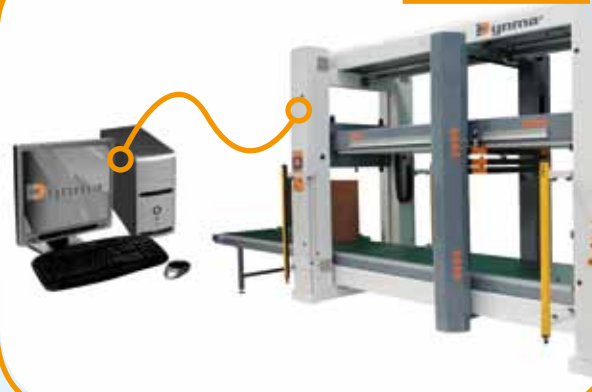
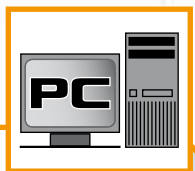


It has a motorized lateral press group with positioning height option and a precision guide without maintenance.

**D**



**E**



## TECHNICAL SPECIFICATIONS PRESS VK-015

### WORKING SIZES

Max. / min cabinet length (X)	2.500 / 300 mm.
Max. / min cabinet height (Y)	1.250 / 230 mm.
Max. / min cabinet width (Z)	700 / 200 mm.

### PRESS STRENGTH

Max. lateral strength (Fx)	1.600 Kg.
Max. vertical strength (Fy)	2.000 Kg.

### TRANSPORT SYSTEM

PVC conveyor belt width (b)	700 mm.
Transport speed	10-35 m/min.
Standard transport height (at)	500 mm.
Pre-assembling area size (lp)	2.200 mm.

### ELECTRICAL CONNECTION

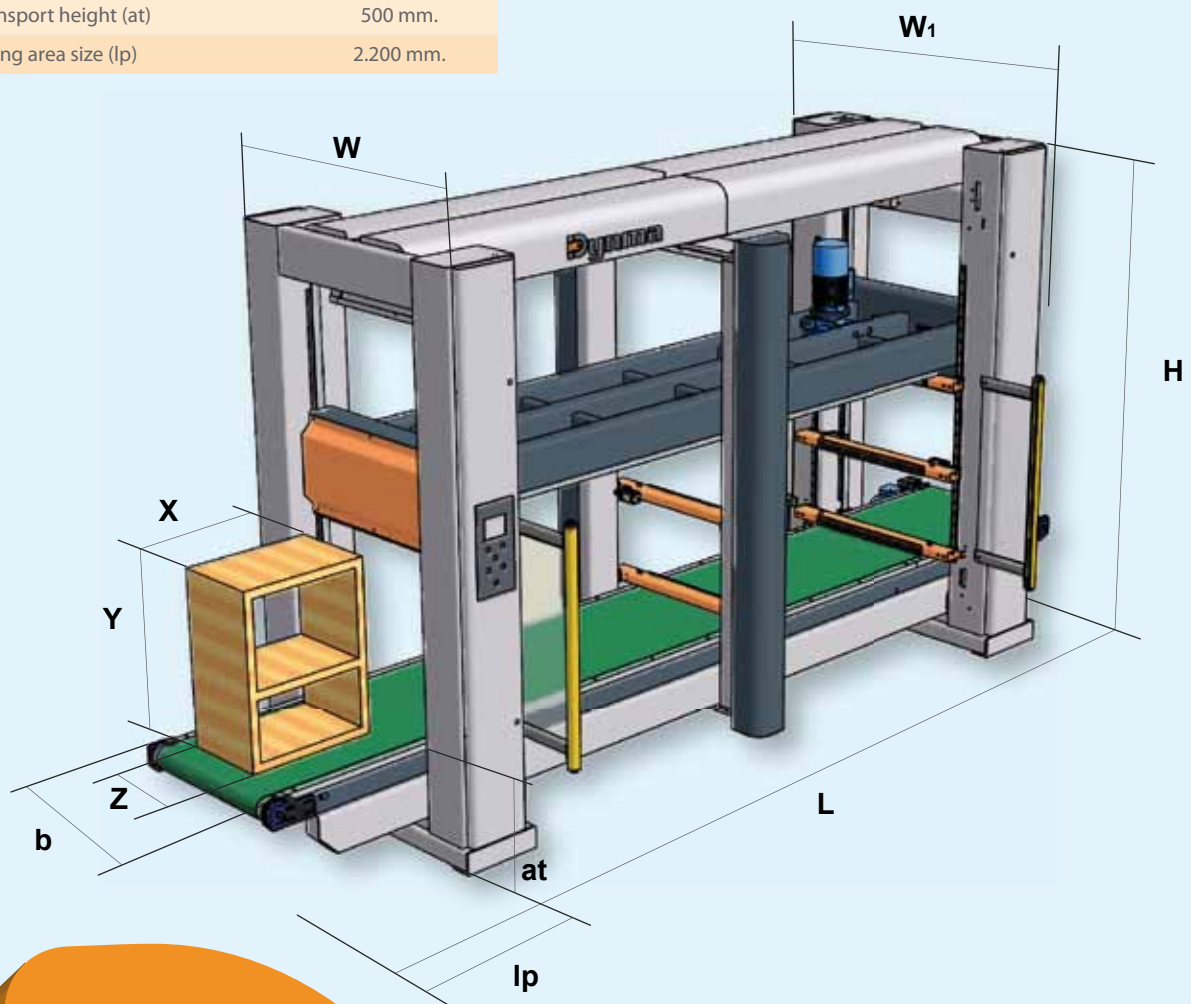
Voltage / Frequency	400 v. / 50 Hz.
Electrical power	6 Kw.

### PNEUMATIC CONNECTION (B & C options)

Min. working pressure	5 bar
Air consumption	2 NI/min.

### OVERALL DIMENSIONS / WEIGHT

Transport dimensions (LxHxW)	6.550 x 2.650 x 1.500 mm.
Weight	2.600 Kg.
Place dimensions (LxHxW <sub>1</sub> )	6.550 x 2.650 x 1.950 mm.



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