



ROBY POINT

Gluing coupling machine for the production of color sampling, showing displays, ...
The machine produces color samplings with different thickness and different materials such as

- q Paper or light board (es: samplings of paper, paintings....)
- q Wood (es: parquet samples, inner cloths...)
- q Padding, clothing...



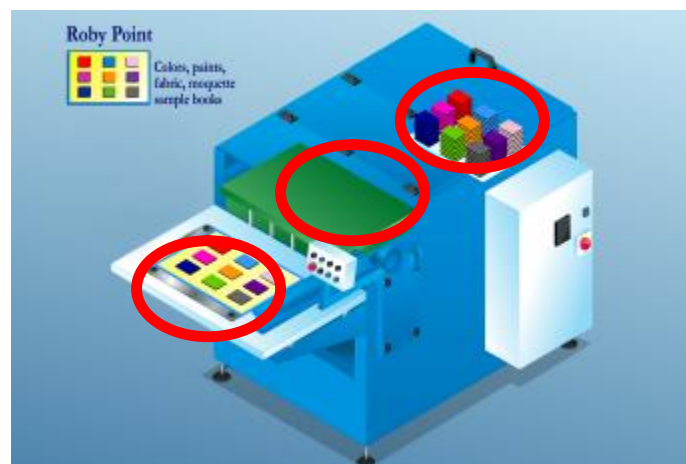
And all materials with a thickness up to 5 mm (3/16")

The machine consists in:

1. Feeder for chips (material to be glued)
2. Aspiration device (carriage) doing the following operations:
 - a. Picking up of chips from feeder
 - b. Transport of chips on gluing station
 - c. Transport of chips on coupling station
 - d. coupling (on board, display o other support)

All operations are done fully automatically, without intervention of the operator.

3. Gluing device
4. Coupling table



1. FEEDING STATION

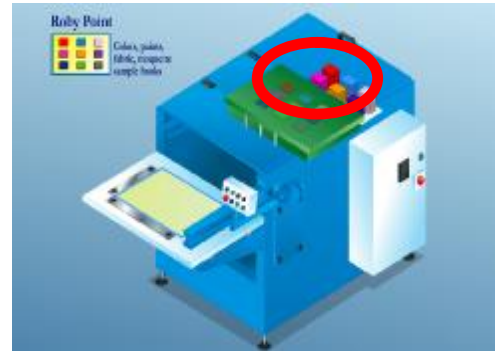
In this area chips are charged.

Depending from customers needs and from the position chips will have on the board, special "cases" will be realized.

All the chips are picked up in the same time, by suction, and transferred on the gluing station.

Special checks verify the rightness of the suction and in case of error machine stops automatically.

The number of chips machine can pick up in the same time change accordingly to their thickness, weight and dimension. (For instance, in case of color sampling in the 50 x 70 cm you can glue about 150 chips of 4 x 4 cm in one passage).



2. GLUING STATION

A special cylinder perfectly and uniformly spreads on chips the glue.

Gluing station works with both hot or cold glue.

Glue changes according to material.

It's possible to adjust the spreading quantity of the glue.

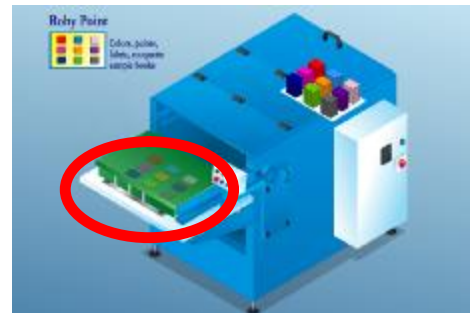


3. COUPLING STATION

Glued chips are coupled with board.

The carriage stops above the board and then goes down touching the board and making in that way the coupling perfectly at register and in the position decided by the customer.

Sampling is ready.



TECHNICAL DETAILS

A Operator assisted version: the operator put and remove the sampling once automatically finished

The solution consists in:

q **Roby Point**

Max gluing format	50 x 70 cm (19" x 27")
Max sampling format	70 x 100 cm (27" x 39") according to customer needs can be increased
Min gluing format	15 x 15 cm (6" x 6")
Format change	5 minutes
Speed	720 pieces/hour
Glue	Hot or cold
Function controller	by PLC
Dimensions	215 x 135 x 125 cm (84" x 53" x 49")

q **Case**

Max format	50 x 70 cm (19" x 27")
Min format of the chips	According to customer needs
Pile height	According to materials from 15 to 60 cm
Picking up of the material	By suction

B *full automatic* version (without operator).

This version consists in:

q **Roby Point** (see above for technical details)

q **Automan 3**: automatic feeder of the board with roller press unit after coupling

This device allows to automatically feed the board, that, after coupling, goes under roller press and than collected on a special table.

Feeding is high pile *non stop* .

Automan 3 is customized according to format needs of customers

It guarantees a fully automatic solution and optimizes machine speed.