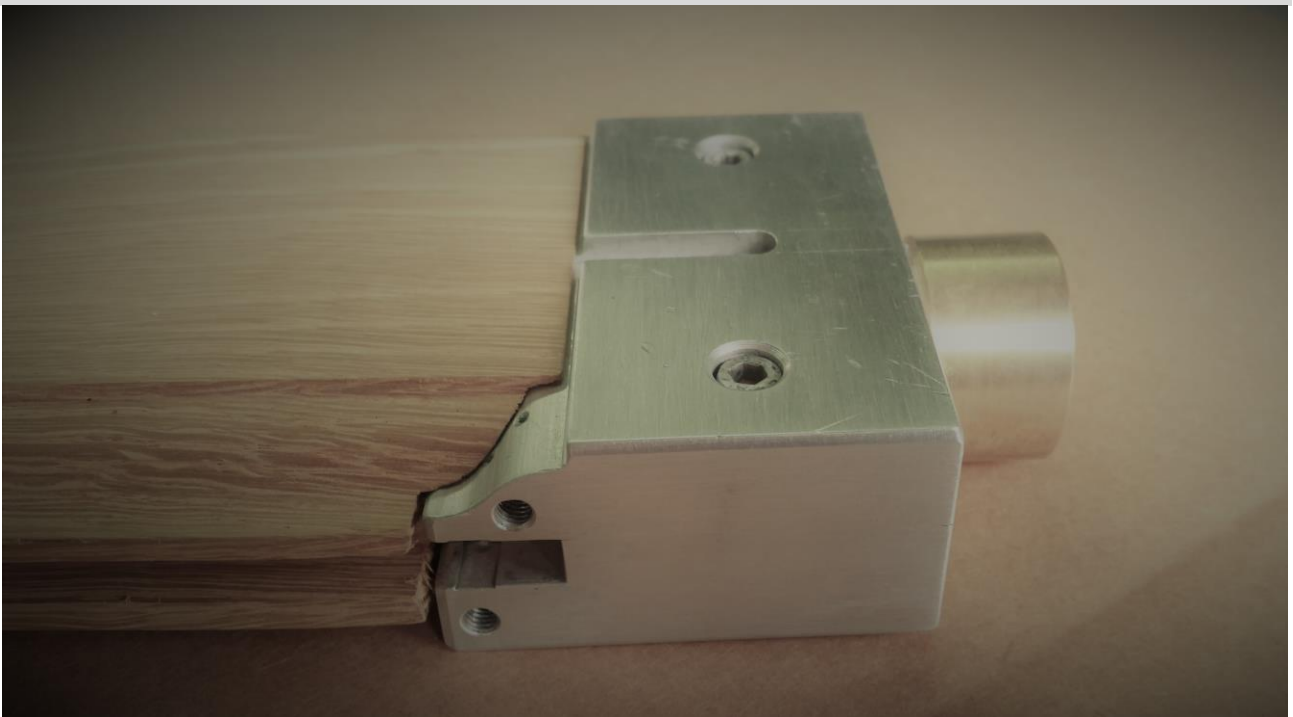


# FC Line

Range of glue-spreading machines  
for the production of furniture components



**making more out of glue**



9033



Glue-spreading machine with fixed 2 heads  
for gluing furniture components  
with efficient cleaning and wash off system

# FC line

## 9033

Glue-spreading machine with 2 heads for gluing furniture components

### General features

- \_ Base and upper frame in electro-welded sheet metal, painted with non-toxic epoxy powders;
- \_ System with fixed gluing heads, adjustable according to the shape and the dimensions of the profile and of the wood component to be glued;
- \_ N. 2 pressurized glue tanks A8, capacity 8 Kg, 1 for the glue and 1 for the wash water, placed in the base of the base of the gluing machine;
- \_ This gluing machine can be supplied with a wide range of accessories;
- \_ Compressed air powered and operated, no electrical connection is required;
- \_ Easy to use, dispensing only and accurately the quantity of glue required;
- \_ Reduction of processing times, glue consumption and wastage, with significant improvement of the bonding quality and therefore of the quality of the finished product;
- \_ Accurate, quick and clean glue application;
- \_ Minimum cleaning and maintenance, even for long periods, easy to execute.

### Gluing system

- \_ Fully automatic operation: for horizontal gluing, system with fixed heads, the glue is applied on the profile by means of the gluing heads (glue gun + custom nozzle);
- \_ Glue delivery is activated only by pressing the piece of wood on the nozzle, metered glue dosing for each single Head (opening and shutting the flow of glue);
- \_ The dispensing of the glue, precise and totally adjustable, has effect through the nozzles, always customized, made to measure according to the type of customer's profile;
- \_ The position of the nozzle is fully adjustable according to the shape and the dimensions of the profile and of the wood component to be glued.

### Standard available adjustments

- \_ Quantity/flow of glue on the gun, by means of regulation ring (1);
- \_ Flow of glue on the nozzle, according to the dimensions of the profile (2);
- \_ Opening time of the gun can also be adjusted (3).

### Nozzles

Nozzles are always customized, made to measure, in relation to the wood sample supplied by the customer and therefore, being the exact countershape of the wood sample.  
All the nozzles are interchangeable on each single gluing head.

### Glue characteristics

This gluing machine only works with PVA glues (PVAc, waterborne dispersion adhesives polyvinyl acetate = white glue, wood glue), 1 component, recommended viscosity from 5.000 to 8.000 ± 2.000 mPa s, at a working temperature of 20°C / 68°F.

- \_ Average open time = 20 min.;
- \_ Average pH = 5.

### Efficient cleaning and wash off system

For short breaks (e.g. lunch break), simple system for tilting heads to be immersed in the central basin, containing water with the addition of a cleaning detergent for aluminum and brass, to avoid the drying of glue during short breaks (4). The machine is also equipped with an injector + nozzle flushing out system, to be used at the end of the day, at the end of a shift and for longer breaks (5), however, without any waste of the glue contained in the hoses.

### Efficient cleaning and wash off system:

For short breaks (e.g. lunch break), simple system for tilting heads to be immersed in the central basin, containing water with the addition of a cleaning detergent for aluminum and brass to avoid the drying of glue during short breaks. The machine is also equipped with an injector + nozzle flushing out system, to be used at the end of the day, at the end of a shift and for longer breaks, however, without any waste of the glue contained in the hoses.

### Benefits

- \_Professional and efficient gluing system;
- \_Considerable savings of glue, reduced wastage, without cleaning troubles;
- \_Accurate spreading and dosing;
- \_Profitable, flexible, fast, safe, clean way of gluing;
- \_High-quality components;
- \_Reduced working time (-60%) compared to manual application and outdated gluing devices;
- \_Stronger bond between the all glued parts and quality of durability;
- \_Always ready to use, working professionally and fully safely;
- \_Clean application compared to manual application and outdated gluing devices;
- \_High quality technology guarantees a long service life.



**making more out of glue**



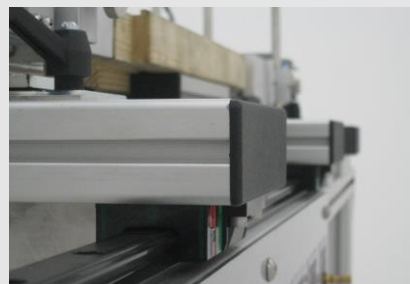
# 9048S



2-sided glue-spreading machine with 4 fixed heads  
for gluing furniture components  
with movable sliding carriages in between the 4 gluing heads  
with efficient cleaning and wash off system



Movable sliding carriages/ detail 1



Movable sliding carriages/ detail 2

# FC line

## 9048S

**2-sided glue-spreading machine with 4 fixed heads, for gluing furniture components with movable sliding carriages in between the 4 gluing heads, with efficient cleaning and wash off system**

### General features

- Automatic stationary glue spreading machine, system with fixed heads working horizontally, with 4-movable sliding carriages in between the 4 gluing heads, the glue is applied on the profile by means of the gluing heads (glue gun + custom nozzle);
- frame in aluminum profile;
- no. 2 pressurized glue tanks, A12 Range, 12 kg capacity, placed in the base of the gluing machine, one for glue and one for the water used for the cleaning system;
- Standard distance between heads/min. 400 mm and max. 1.000 mm;
- System with fixed gluing heads, adjustable according to the shape and the dimensions of the profile and of the wood component to be glued;
- This gluing machine can be supplied with a wide range of accessories;
- Compressed air powered and operated, no electrical connection is required;
- Easy to use, dispensing only and accurately the quantity of glue required;
- Reduction of processing times, glue consumption and wastage, with significant improvement of the bonding quality and therefore of the quality of the finished product;
- Accurate, quick and clean glue application;
- Minimum cleaning and maintenance, even for long periods, easy to execute.

### Gluing system

- Fully automatic operation: for horizontal gluing, system with fixed heads, the glue is applied on the profile by means of the gluing heads (glue gun + custom nozzle);
- With 4 movable sliding carriage in between the 4 gluing heads, slide is adjustable according to the length of the wood part, to avoid turning the wood piece at the nozzle at each gluing shot. Placing the wood pieces on the slide and moving them left and right, the gluing process is definitely faster compared to the single sided model;
- Glue delivery is activated only by pressing the piece of wood on the nozzle, metered glue dosing for each single head (opening and shutting the flow of glue);
- The dispensing of the glue, precise and totally adjustable, has effect through the nozzles, always customized, made to measure according to the type of customer's profile;
- The position of the nozzle is fully adjustable according to the shape and the dimensions of the profile and of the wood component to be glued.

### Standard adjustments

- Quantity/flow of glue on the gun, by means of regulation ring (1);
- Flow of glue on the nozzle, according to the dimensions of the profile (2);
- Opening time of the gun can also be adjusted (3).

### Nozzles

Nozzles are always customized, made to measure, in relation to the wood sample supplied by the customer and therefore, being the exact counter shape of the wood sample;  
All the nozzles are interchangeable on each single gluing head.

### Glue characteristics

This gluing machine only works with PVA glues (PVAc, waterborne dispersion adhesives polyvinyl acetate = white glue, wood glue), 1 component, recommended viscosity from 5.000 to 8.000  $\pm$  2.000 mPa s, at a working temperature of 20°C / 68°F.

- \_Average open time = 20 min.;
- \_Average pH = 5.

### Efficient cleaning and wash off system

For short breaks (e.g. lunch break), simple system for tilting heads to be immersed in the central basin, containing water with the addition of a cleaning detergent for aluminum and brass, to avoid the drying of glue during short breaks (4). The machine is also equipped with an injector+ nozzle flushing out system, to be used at the end of the day, at the f a shift and for longer breaks (5), however, without any waste of the glue contained in the hoses.

### Benefits

- \_Professional and efficient gluing system;
- \_Considerable savings of glue, reduced wastage, without cleaning troubles;
- \_Accurate spreading and dosing;
- \_Profitable, flexible, fast, safe, clean way of gluing;
- \_High-quality components;
- \_Reduced working time (-60%) compared to manual application and outdated gluing devices;
- \_Stronger bond between the all glued parts and quality of durability;
- \_Always ready to use, working professionally and fully safely;
- \_Clean application compared to manual application and outdated gluing devices;
- \_High quality technology guarantees a long service life.



**making more out of glue**



# 9048

The **9048** model differs from the previous 9048S, exclusively for having a fixed working table between the gluing the heads, unlike the 9048S model which has mobile sliding cart (on a carriage on ball-bearing guides).

The distance between the heads for the model 9048 is 700 mm, instead of 1.000 mm of the 9048S model.

All other characteristics and available adjustments of the model 9048 are the same as the model 9048S.



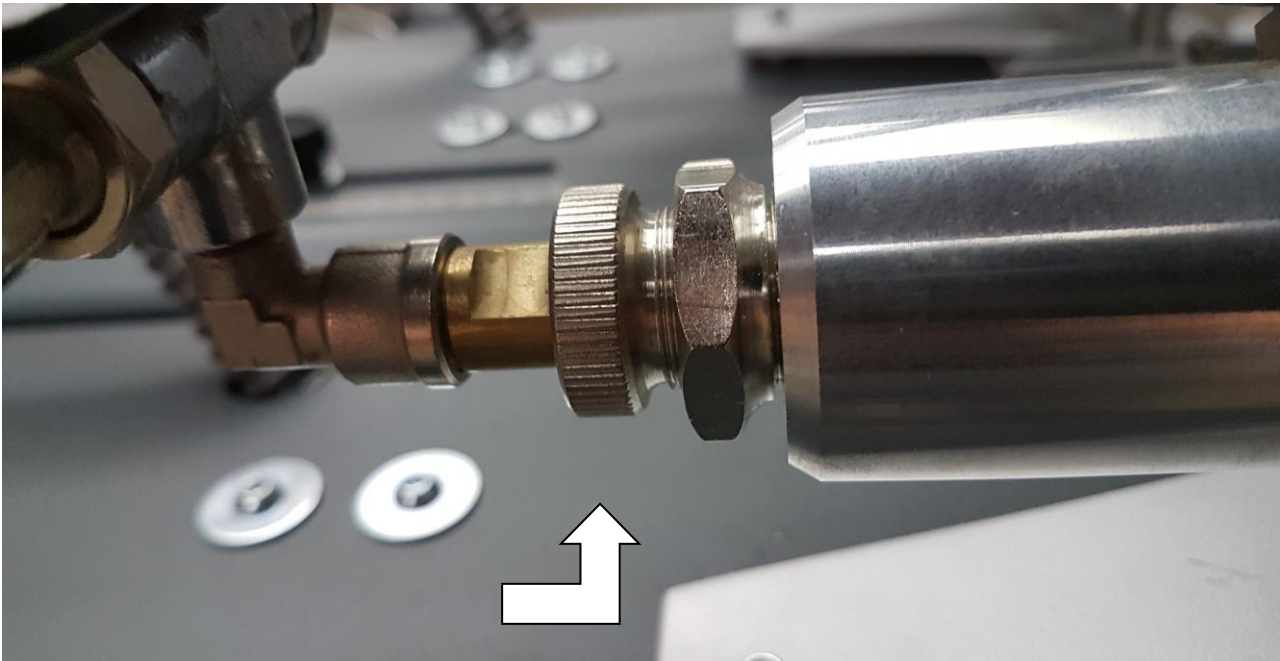
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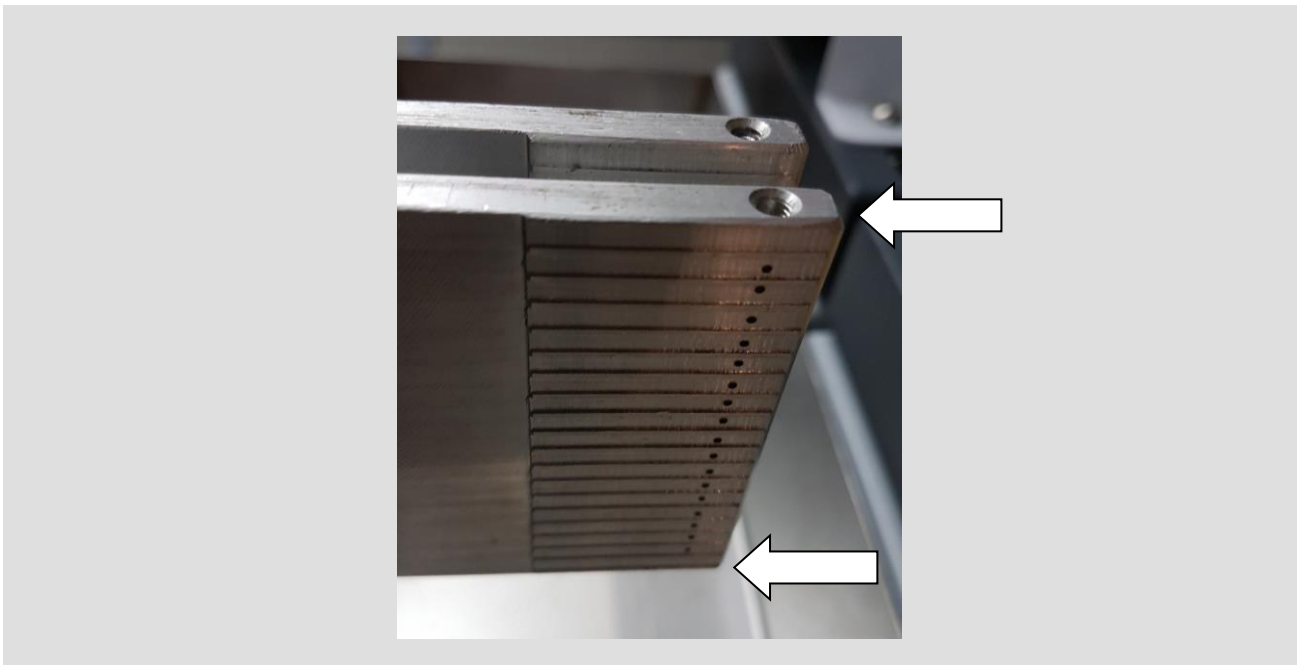
## Details of the available machine adjustments

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- (1) Glue flow adjustment for each single injector.



- (2) Glue flow adjustment on each nozzle according to the shape and the dimensions of the piece of wood and the profile to be glued.

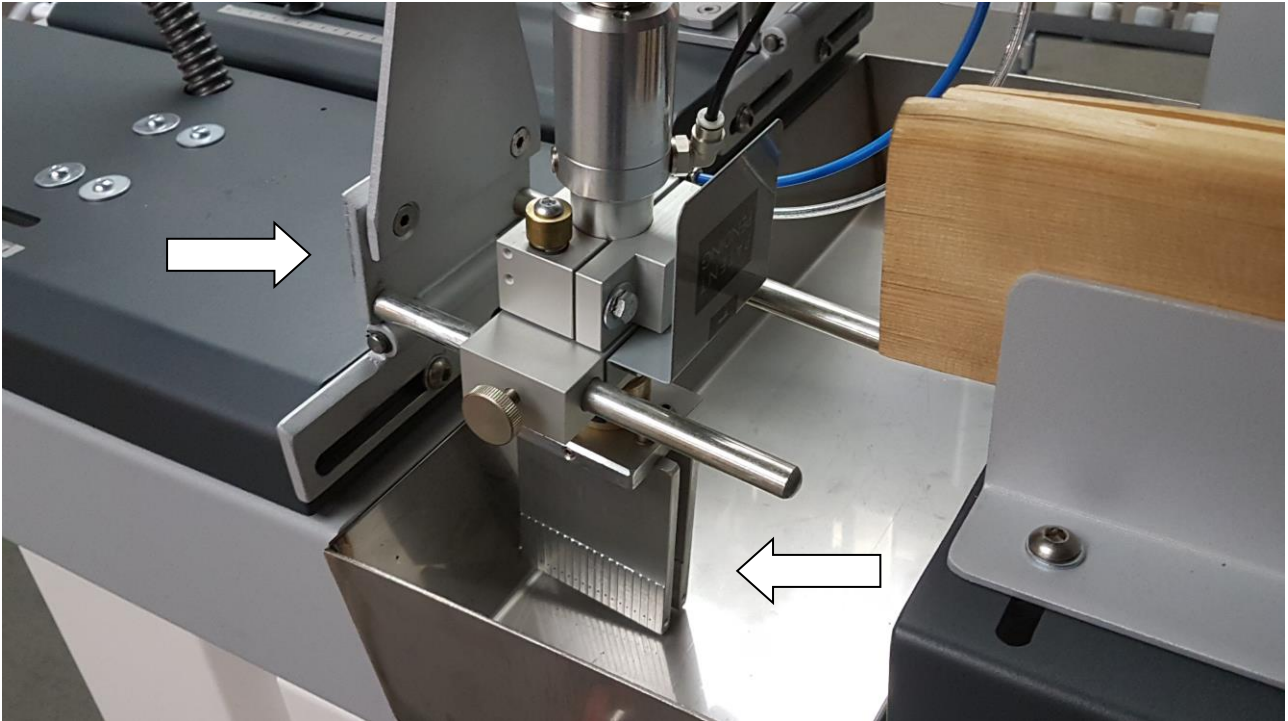


### Note

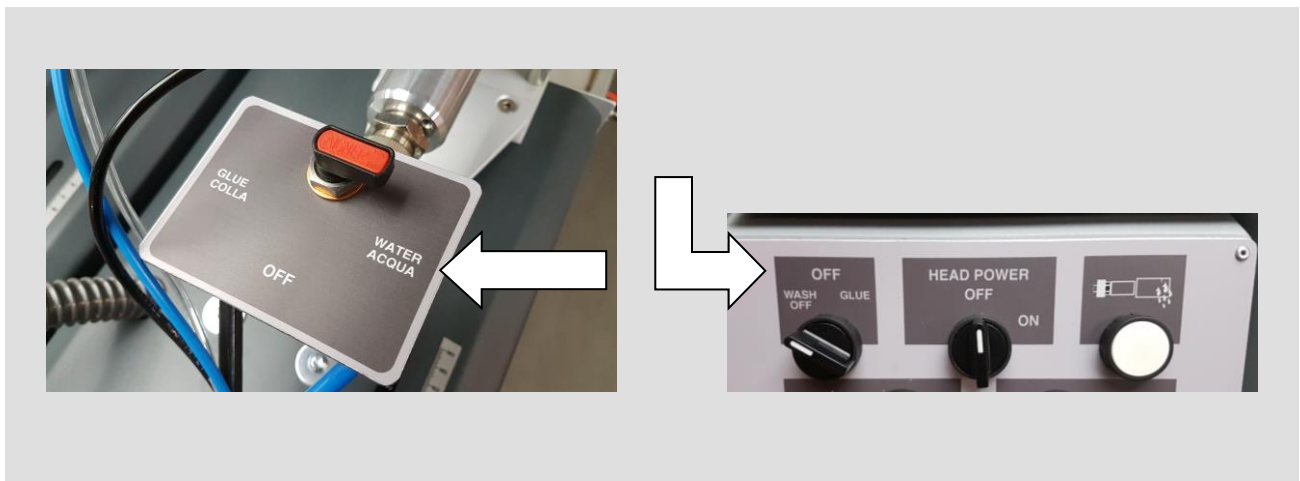
The nozzle of the image above is a tenon nozzle, in this case, to be kept only as a reference to understand the concept of the adjustment system. As always, all the nozzles are made to measure according to the customer's profile and his specific gluing needs.

## Details of dual cleaning and wash off system

- (5) Simple and efficient system with a first setting presenting the tilting of the gluing heads that are moving down in the stainless-steel basin, staying immersed in a cleaner to prevent any glue drying during short breaks.



- (6) Second setting of the nozzle cleaning system that allows to completely wash injectors and nozzles in order to avoid glue drying during long breaks (e.g., during the weekend) without any waste of the glue contained in the hoses.



## Nozzles

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Any customized nozzles can be shaped, made to measure, according to the wood sample supplied by the customer. PIZZI design and create the exact counter-shape of the wood sample, matching to any shape of profile in order to ensure an accurate and constant application of glue, to optimize the working time at each gluing section and to fulfil the customer's production expectation.

All the nozzles are interchangeable on each single gluing head.

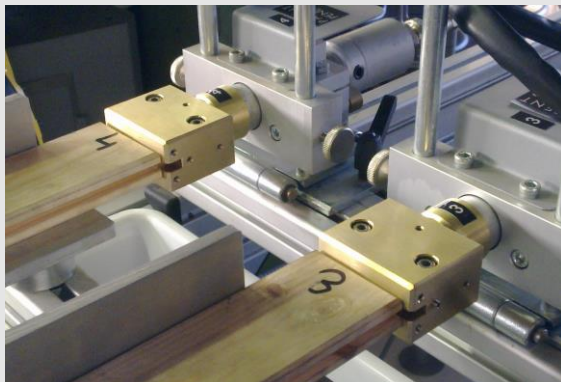
*Some fine example:*



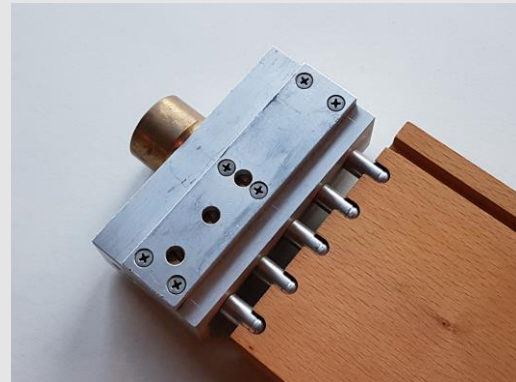
(A) Nozzle for coped profiles for 5 parts cabinet doors



(B) Nozzle for coped profiles for 5 parts cabinet doors



(C) Brass nozzle for coped profiles for 5 parts cabinet doors



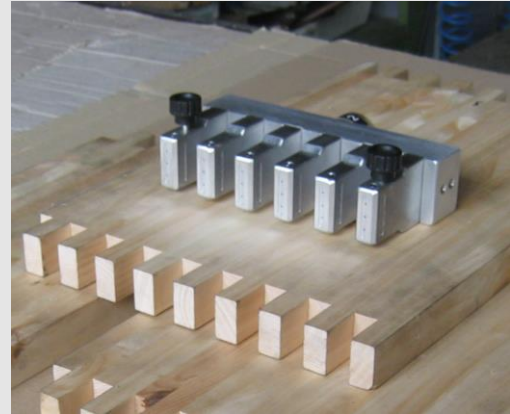
(D) Adjustable dovetail nozzle



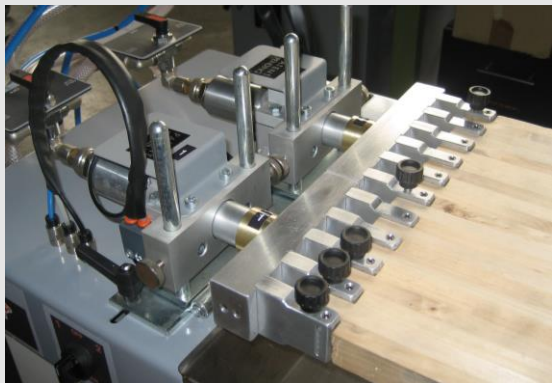
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(E) Nozzle for wooden boxes with square pins



(F) Adjustable nozzle for wooden boxes with square pins



(G) Adjustable nozzles for box manufacturing



(H) Glue application for one set at a time with the 4 sides of the drawer



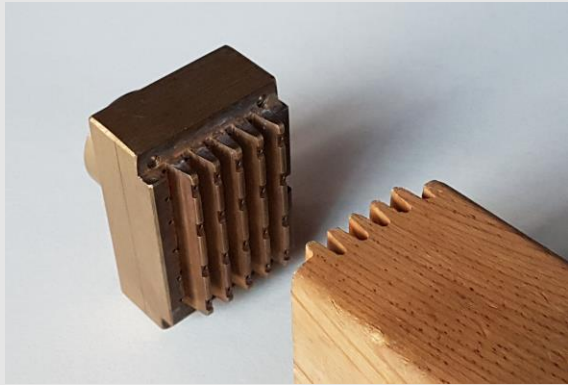
(I) Dowel nozzle with 4 pins, each pin with double glue delivery



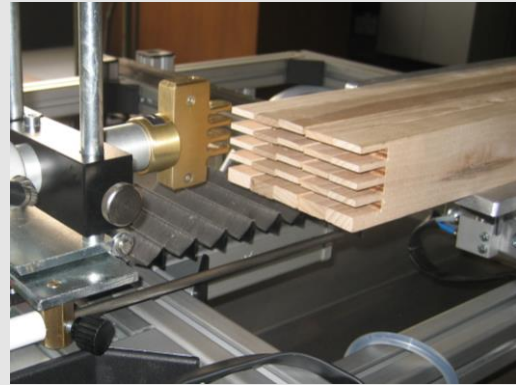
(L) Opposite dowel nozzle for glue application around the dowels



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(M) Finger joint nozzle



(N) Finger joint nozzle for through-feed application



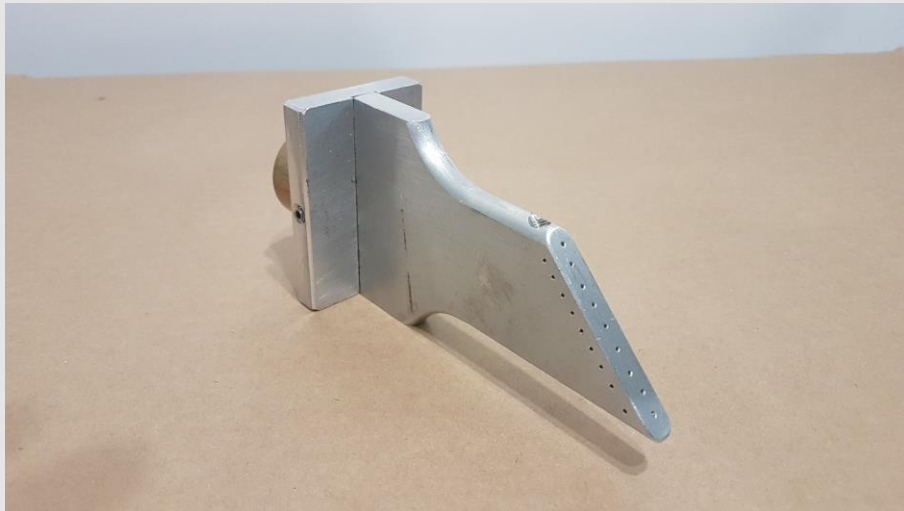
(O) Meter mortise nozzle



(P) Meter mortise nozzle

## Miter mortise joint








P) Meter mortise nozzle, to apply glue into the slot



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## Options

Art. no. and description	Image
<p><b>9043</b> Additional hand glue gun placed on the front of the machine With hose, glue gun 0002 and universal pointed nozzle 0003. Useful for manual use and other manual glue applications, ideal for gluing mortises, dowel holes, grooves. It's like having an extra glue tank. . .</p>	
<p><b>9039S</b> Support extension with roller for long pieces.</p>	
<p><b>9085</b> Cleaner for nozzles maintenance and cleaning.</p>	

High standard  
in glue application technology  
are in our DNA

