



STROMAB

EXPERTS IN CROSSCUTTING SOLUTIONS SINCE 1965

CLASSIC TOOLS FOR **GLUING**

SM - STH - STP - SL -
SPECIAL - STC - UNI



STROMAB

EXPERTS IN CROSSCUTTING SOLUTIONS SINCE 1965

THE VALUES THAT REPRESENT US

The **PASSION** of our family and our employees for their work.



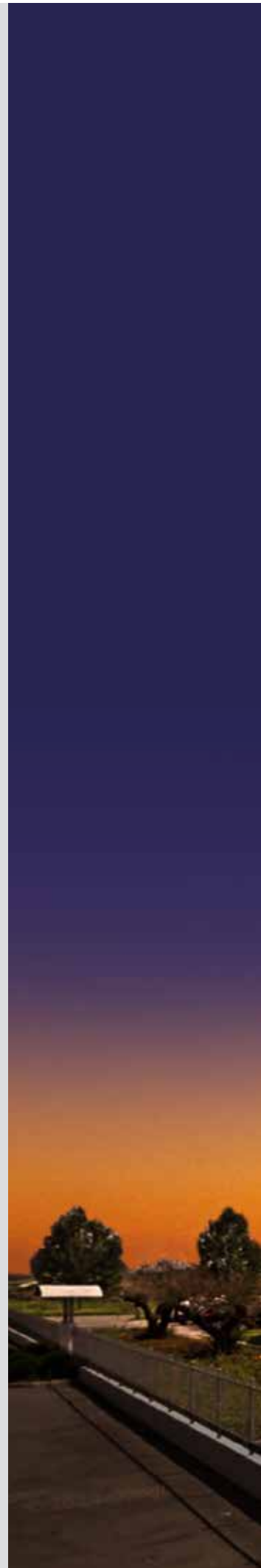
THE **RELIABILITY** of our products and our production process.



The **SENSE OF RESPONSIBILITY** that marks every step in the job.



The **VALUE** we give to our work and to the people who work with us.



STROMAB HAS STOOD FOR **RELIABILITY** SINCE 1965

And we believe that this word best expresses the philosophy behind our products over our more than 50 years in business following the business acumen of the founder of the company, Luciano Bertesi.



With a surface area of over 5000 m², 40 employees and a constantly updated and extended line of products, Stromab has made a significant name for itself as one of the most dynamic companies in the woodworking machinery sector.

Every year, we send out more than 450 machines for the complete satisfaction of our customers. We would like to thank all those who continue to believe in our products and our values.

Using the latest manufacturing systems, Stromab controls the production cycle of its machines, starting from the design, prototypes, machining, painting, assembly and up to their testing. Our integrated production system enables us to guarantee the RELIABILITY of our products.



CLAMPING MACHINES FOR GLUING



| | MANUAL HYDRAULIC | PNEUMATIC | ELECTROHYDRAULIC |
|----------------------------|---------------------------|----------------------|------------------------|
| MODEL | SM - STH/S - STH/D | STP/S - STP/D | SL1 - SL2 - SL3 |
| Working capacity mm | 2500 x 1800 | 2500 x 1800 | from 3 to 20 metres |
| Type of cylinder | manual hydraulic cylinder | pneumatic | hydraulic |
| Thrust of each cylinder Kg | 1500 | 450 | 2500 |
| Page | 7 | 8 | 9 - 10 - 11 |

UNIVERSAL CLAMPING MACHINES



| | PNEUMATIC | | HYDRAULIC | |
|----------------------------|--------------------|--------------------|---------------------------|---------------------------|
| MODEL | STC2100 | STC3100 | UNI2100 | UNI3100 |
| Working capacity mm | 2100 x 1000 | 3100 x 1000 | 2100 x 1000 | 3100 x 1000 |
| Type of cylinder | pneumatic cylinder | pneumatic cylinder | manual hydraulic cylinder | manual hydraulic cylinder |
| Thrust of each cylinder Kg | 700 | 700 | 1500 | 1500 |
| Page | 18 | 18 | 19 | 19 |

CLAMPING MACHINES FOR DOORS AND WINDOWS



| | HYDRAULIC | PNEUMATIC | ELECTROHYDRAULIC | |
|----------------------------|------------------|-------------|------------------|-------------|
| MODEL | STH/OR-M | STP/OR-M | STH/OR-A | SPECIAL |
| Working capacity mm | 2500 x 1800 | 2500 x 1800 | 2500 x 1800 | 3000 x 2000 |
| Type of cylinder | manual hydraulic | pneumatic | hydraulic | hydraulic |
| Thrust of each cylinder Kg | 1500 | 450 | 1500 | 2500 |
| Page | 14 | 14 | 15 | 15 |



**CLAMPING
MACHINES** FOR
GLUING SMALL BUT
ESSENTIAL.



SM - STH/S - STH/D

MANUAL HYDRAULIC

FEATURES

- Hydraulic clamping machines for gluing of planks, blockboard
- Small footprint with front loading
- Structure on wheels including two steering wheels (not SM)
- Height adjustable manual hydraulic cylinders, practical and easy to operate
- Sliding vertical beams
- Front workpiece clamp



Manual hydraulic cylinder in steel with fast pressurisation and discharge.



STH/S



STH/D

| TECHNICAL CHARACTERISTICS | | SM-250 | STH/S | STH/D |
|--|-----|---------------------|-------------------|-------------------|
| Item code | | ZM075 | ZM076 | ZM077 |
| Structure of the machine | | secured to the wall | frame with wheels | frame with wheels |
| Operator sides | no. | 1 | 1 | 2 |
| Actual working dimensions | mm. | 2500 x 1800 | 2500 x 1800 | 2500 x 1800 |
| Quantity of manual hydraulic cylinders | no. | 3 | 4 | 8 |
| Stroke of manual hydraulic cylinders | mm. | 60 | 60 | 60 |
| Thrust of manual hydraulic cylinders | Kg. | 1500 | 1500 | 1500 |
| Quantity of front manual pressure clamps | no. | 1 | 1 | 2 |

STP/S - STP/D

PNEUMATIC

FEATURES

- Pneumatic clamping machines for gluing of planks, blockboard
- Small footprint with front loading
- Structure on wheels including two steering wheels
- Height-adjustable pneumatic cylinders, practical and easy to operate
- Sliding vertical beams
- Front workpiece clamp



| TECHNICAL CHARACTERISTICS | | STP/S | STP/D |
|--|-----|-------------------|-------------------|
| Item code | | ZM079 | ZM080 |
| Structure of the machine | | frame with wheels | frame with wheels |
| Operator sides | no. | 1 | 2 |
| Actual working dimensions | mm. | 2500 x 1800 | 2500 x 1800 |
| Quantity of pneumatic cylinders | no. | 4 | 8 |
| Stroke of pneumatic cylinders | mm. | 90 | 90 |
| Thrust of pneumatic cylinders | Kg. | 450 | 450 |
| Quantity of front manual pressure clamps | no. | 1 | 8 |
| Operating pressure | bar | 8 | 8 |

SL1

HYDRAULIC FOR LAMELLAR BEAMS

FEATURES

- Hydraulic clamping machines for the production of non-structural lamellar beams
- Small footprint with front loading
- Wide range of lengths from mm 3000 to mm 8000
- Sliding vertical beams
- Distributor with 2 control levers
- Height adjustable support bases
- Wide range of accessories



Detail of the control panel.



Detail of the pneumatic pressure clamp in operation.



| TECHNICAL CHARACTERISTICS | | SL1-3000 | SL1-4000 | SL1-5000 | SL1-6000 |
|--|-----------------------|-------------|-------------|-------------|-------------|
| Item code | | ZM084 | ZM085 | ZM086 | ZM087 |
| Working capacity | mm. | 3000 x 1300 | 4000 x 1300 | 5000 x 1300 | 6000 x 1300 |
| Maximum thickness of beam for bonding | mm. | 150 | 150 | 150 | 150 |
| Quantity of vertical beams with cylinder | no. | 6 | 8 | 10 | 12 |
| Thrust of each hydraulic cylinder | Kg. | 2500 | 2500 | 2500 | 2500 |
| Force exercised with 80 mm thick beam | Kg. / cm ² | 6 | 6 | 6 | 6 |
| Frontal pressure clamps | no. | optional | optional | optional | optional |
| Power of hydraulic control unit | HP | 3 | 3 | 3 | 3 |

SL2 - SL3

HYDRAULIC FOR LAMELLAR BEAMS

FEATURES

- Hydraulic clamping machines for the production of structural lamellar beams
- Small footprint with front loading
- Wide range of lengths from mm 3000 to mm 20000
- Fixed vertical beams
- Hanging lengthwise sliding control panel
- Height adjustable support bases
- Cylinders and pressure clamps fitted with independent open/close tap
- Sliding front pressure clamps
- Front loading and unloading using the pressure clamp parking stations



Cylinders and pressure clamps fitted with independent open/close valve.

| TECHNICAL CHARACTERISTICS | | SL2-3000 | SL2-4000 | SL2-6000 | SL2-8000 |
|--|-----------------------|-------------|-------------|-------------|-------------|
| Item code | | ZM088 | ZM089 | ZM090 | ZM091 |
| Working capacity | mm. | 3000 x 1200 | 4000 x 1200 | 6000 x 1200 | 8000 x 1200 |
| Maximum thickness of beam for bonding | mm. | 200 | 200 | 200 | 200 |
| Quantity of vertical beams with cylinder | no. | 6 | 8 | 12 | 16 |
| Thrust of each hydraulic cylinder | Kg. | 7200 | 7200 | 7200 | 7200 |
| Force exercised on 120 mm thick beams | Kg. / cm ² | 11 | 11 | 11 | 11 |
| Force exercised on 200 mm thick beams | Kg. / cm ² | 7.3 | 7.3 | 7.3 | 7.3 |
| Front hydraulic pressure clamps | no. | 3 | 4 | 6 | 8 |
| Power of hydraulic control unit | HP | 7.5 | 7.5 | 7.5 | 7.5 |



| TECHNICAL CHARACTERISTICS | | SL3-3000 | SL3-4000 | SL3-6000 | SL3-8000 |
|--|-----------------------|-------------|-------------|-------------|-------------|
| Item code | | ZM092 | ZM093 | ZM094 | ZM095 |
| Working capacity | mm. | 3000 x 1200 | 4000 x 1200 | 6000 x 1200 | 8000 x 1200 |
| Maximum thickness of beam for bonding | mm. | 200 | 200 | 200 | 200 |
| Maximum thickness with optional modification | mm. | 250 | 250 | 250 | 250 |
| Quantity of vertical beams with cylinder | no. | 9 | 12 | 18 | 24 |
| Thrust of each hydraulic cylinder | Kg. | 7200 | 7200 | 7200 | 7200 |
| Force exercised on 200 mm thick beams | Kg. / cm ² | 11 | 11 | 11 | 11 |
| Force exercised on 250 mm thick beams | Kg. / cm ² | 8.7 | 8.7 | 8.7 | 8.7 |
| Front hydraulic pressure clamps | no. | 3 | 4 | 6 | 8 |
| Power of hydraulic control unit | HP | 7.5 | 7.5 | 7.5 | 7.5 |

**CLAMPING
MACHINES**
FOR DOORS
AND WINDOWS.



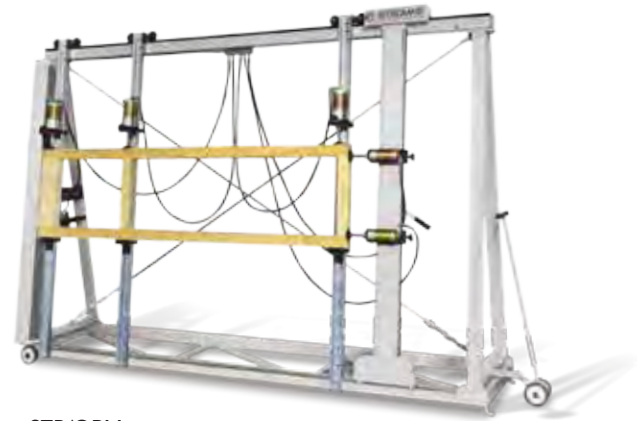


STH/ORM - STP/ORM

HYDRAULIC AND PNEUMATIC

FEATURES

- Hydraulic and pneumatic clamping machines for doors and windows
- Small footprint with front loading
- Structure on wheels including two steering wheels
- Height adjustable manual hydraulic and pneumatic cylinders, practical and easy to operate
- Sliding vertical beams



STP/ORM



STH/ORM

| TECHNICAL CHARACTERISTICS | | STH/ORM | STP/ORM |
|---|-----|-------------------|-------------------|
| Item code | | ZM078 | ZM081 |
| Structure of the machine | | frame with wheels | frame with wheels |
| Operator sides | no. | 1 | 1 |
| Actual working dimensions | mm. | 2500 x 1800 | 2500 x 1800 |
| Manual hydraulic and vertical pneumatic cylinders | no. | 3 | 3 |
| Manual hydraulic and horizontal pneumatic cylinders | no. | 2 | 2 |
| Thrust of manual hydraulic cylinders | Kg. | 1500 | 450 |

STH/OR-A - SPECIAL

ELECTROHYDRAULIC

FEATURES

- Electrohydraulic hydraulic clamping machines for doors and windows
- Small footprint with front loading (vertical frame)
- Height-adjustable hydraulic cylinders, practical and easy to operate
- Sliding vertical beams
- Sliding, adjustable horizontal hydraulic cylinders



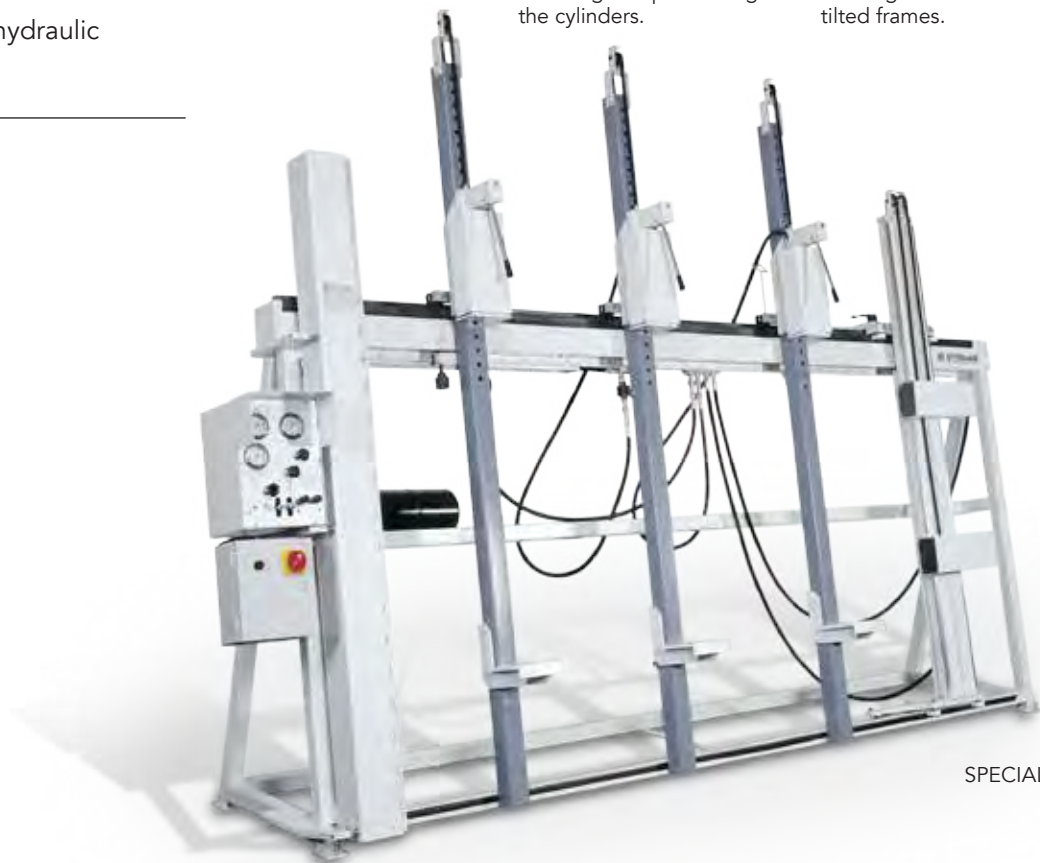
Practical system for releasing and positioning the cylinders.



Pivoting thrust feet for tilted frames.



STH/OR-A

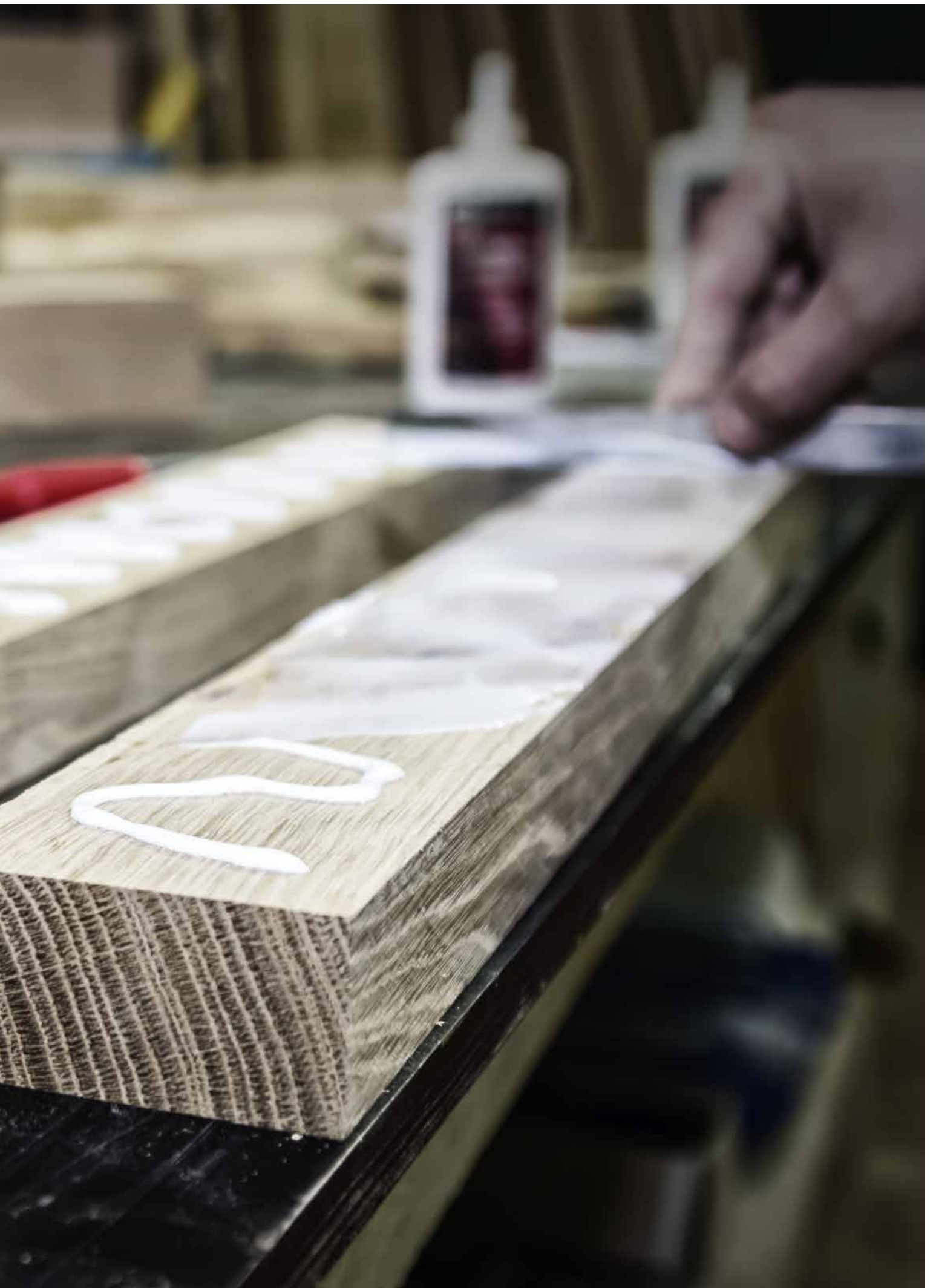


SPECIAL

| TECHNICAL CHARACTERISTICS | | STH/OR-A | SPECIAL |
|--|-----|---------------------|---------------------|
| Item code | | ZM082 | ZM083 |
| Structure of the machine | | with vertical frame | with vertical frame |
| Operator sides | no. | 1 | 1 |
| Actual working dimensions | mm. | 2500 x 1800 | 3000 x 2000 |
| Vertical hydraulic cylinders | no. | 3 | 3 |
| Horizontal hydraulic cylinders | no. | 2 | 2 |
| Thrust of manual hydraulic cylinders | Kg. | 1500 | 2500 |
| Cylinder control levers | no. | 2 | 2 |
| Independent control of pressure | | - | • |
| Positioning system with counterweights | | - | • |
| Power of hydraulic control unit | HP | 1 | 1.5 |

UNIVERSAL CLAMPING MACHINES





STC - STC/B

PNEUMATIC

FEATURES

- Clamping machines for blockboard, frames, window frames, drawers, doors
- Two versions to cater for any demand: horizontal or vertical
- Adjustable pneumatic cylinders, practical and easy to operate
- Twin-station control panel
- 170 mm high cast iron guide rails



Pneumatic cylinder.



Bimanual control with management of 2 independent stations.



| TECHNICAL CHARACTERISTICS | | STC2100 | STC3100 | STC2100/B | STC3100/B |
|-----------------------------------|-----|-----------------------|-----------------------|---------------------|---------------------|
| Item code | | ZM103 | ZM104 | ZM105 | ZM106 |
| Structure of the machine | | with horizontal frame | with horizontal frame | with vertical frame | with vertical frame |
| Operator sides | no. | 2 | 2 | 1 | 1 |
| Assembly stations | no. | 2 | 2 | 2 | 2 |
| Actual working dimensions | mm. | 2100 x 1000 | 3100 x 1000 | 2100 x 1000 | 3100 x 1000 |
| Quantity of pneumatic cylinders | no. | 8 | 8 | 8 | 8 |
| Thrust of pneumatic cylinders | Kg. | 700 | 700 | 700 | 700 |
| Diameter of pneumatic cylinders | mm. | 115 | 115 | 115 | 115 |
| Quantity of cast iron guide rails | no. | 8 | 8 | 10 | 10 |

MANUAL HYDRAULIC

FEATURES

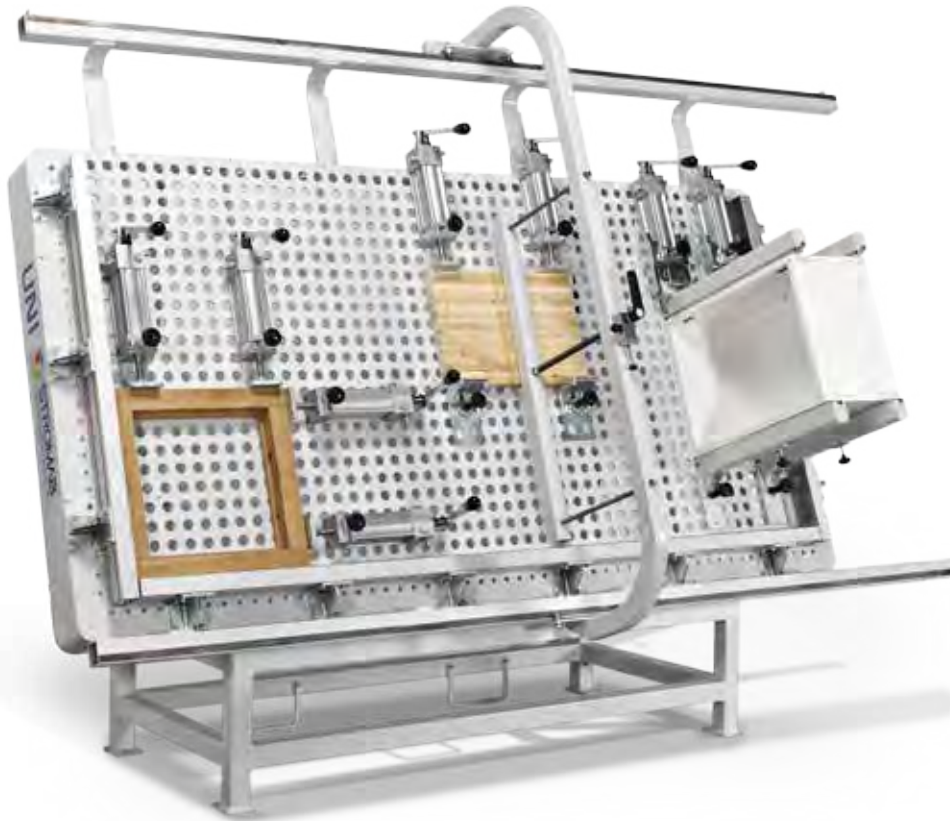
- Clamping machines for blockboard, frames, window frames, drawers, doors, furniture
- Vertical frame for smaller footprint
- Manual hydraulic cylinders, adjustable, practical and easy to operate
- Wide range of accessories



Extensions for assembling furniture parts.



Fixed and sliding front clamp.



| TECHNICAL CHARACTERISTICS | | UNI2100 | UNI3100 |
|--|-----|---------------------|---------------------|
| Item code | | ZM315 | ZM316 |
| Structure of the machine | | with vertical frame | with vertical frame |
| Operator sides | no. | 1 | 1 |
| Actual working dimensions | mm. | 2100 x 1000 | 3100 x 1000 |
| Quantity of manual hydraulic cylinders | no. | 6 | 6 |
| Thrust of manual hydraulic cylinder | Kg. | 1500 | 1500 |
| Stroke of manual hydraulic cylinder | mm. | 100 | 100 |
| Quantity of cast iron guide rails | no. | 10 | 10 |

OPTIONAL ACCESSORIES

CLAMPING MACHINES FOR GLUING

| MODELS | SM-250 | STH/S | STH/D | STP/S | STP/D | SL1 | SL2 | SL3 |
|--|--------|-------|-------|-------|-------|-----|-----|-----|
| Vertical beams complete with manual hydraulic cylinder | • | • | • | - | - | - | - | - |
| Vertical beams complete with hydraulic cylinder | - | - | - | - | - | • | • | • |
| Vertical beams complete with pneumatic cylinder | - | - | - | • | • | - | - | - |
| Additional front clamp | - | - | - | - | - | - | • | • |
| Manual front clamps | • | • | • | • | • | • | - | - |
| Sliding manual front clamps | - | - | - | - | - | • | - | - |
| Sliding pneumatic front clamps | - | - | - | - | - | • | - | - |
| Longer base length | • | • | • | • | • | - | - | - |
| More operating height | • | • | • | • | • | - | - | - |
| Distributor with several levers | - | - | - | - | - | • | - | - |
| Modification for beams up to 250 mm thick | - | - | - | - | - | - | • | • |
| Different lengths than standard | - | - | - | - | - | - | • | • |

CLAMPING MACHINES FOR DOORS AND WINDOWS

| MODELS | STH/OR-M | STP/OR-M | STH/OR-A | SPECIAL |
|--|----------|----------|----------|---------|
| Vertical beams complete with manual hydraulic cylinder | • | - | - | - |
| Vertical beams complete with pneumatic cylinder | - | • | - | - |
| Vertical beams complete with hydraulic cylinder | - | - | • | • |
| Manual front clamps | • | • | • | • |
| More length of base | • | • | • | • |
| More operating height | • | • | • | • |
| Extra horizontal hydraulic cylinder | - | - | • | • |
| Counterweights for vertical and horizontal cylinders | - | - | • | - |
| Cylinder bypass valves | - | - | • | • |
| Swivel foot for tilted frames | - | - | • | • |

UNIVERSAL CLAMPING MACHINES

| MODELS | STC2100 | STC2100/B | STC3100 | STC3100/B | UNI2100 | UNI3100 |
|---|---------|-----------|---------|-----------|---------|---------|
| Extra pneumatic cylinders | • | • | • | • | - | - |
| Extra cast iron guide rail | • | • | • | • | - | - |
| Intermediate guide rail | - | - | - | - | • | • |
| 45° guide rail bracket | • | • | • | • | - | - |
| Fixed manual front clamp | - | - | - | - | • | • |
| Sliding manual front clamp | - | - | - | - | • | • |
| Extensions for assembling furniture parts | - | - | - | - | • | • |
| Extra manual hydraulic cylinder | - | - | - | - | • | • |



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www.stromab.it

THE **VALUE** OF A FAMILY-OWNED COMPANY

Stromab has stood for reliability since 1965.

And we believe that this word best expresses the philosophy behind our products over our more than 40 years in business. The awareness that no investment can offer greater advantages than customer satisfaction leads us to constantly devote new resources for ongoing research into technology, development and human resources.

A constant growth trend is the natural result of a company policy based on the value of success in full compliance with environmental requirements. With a surface area of over 5000 m², 40 employees and a constantly updated line of products, Stromab has made a significant name for itself as one of the most dynamic companies in the woodworking machinery sector.



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