



an **ASSEMBLY**  
**SOLUTION**  
for every need



**action e**



**action p**



**action fl**



**action tf**



**action h**



**action m**



# MANUAL OPERATED CLAMP

The electro mechanical cabinet clamp action e with manual loading and unloading is the entry-level solution for the final assembly of cabinets. This machine is suitable for all cabinet manufacturers, with low productive volumes.

- **MAXIMUM EASE** of use by means of buttons
- **EFFECTIVE PRESSING** on the entire surface thanks to the comb system
- **EFFICIENT CABINET SQUARING** by means of appropriately dimensioned screws





#### Technical data

Cabinet length	mm	250 ÷ 2400
Cabinet depth	mm	250 ÷ 700
Cabinet height	mm	270 ÷ 1100
Pressure power	kN	10
Working height	mm	600

# DEVICES AND OPTIONS



**Better quality** with uniform pressing over the entire surface thanks to the comb system.



**Maximum ease of use** by means of buttons.

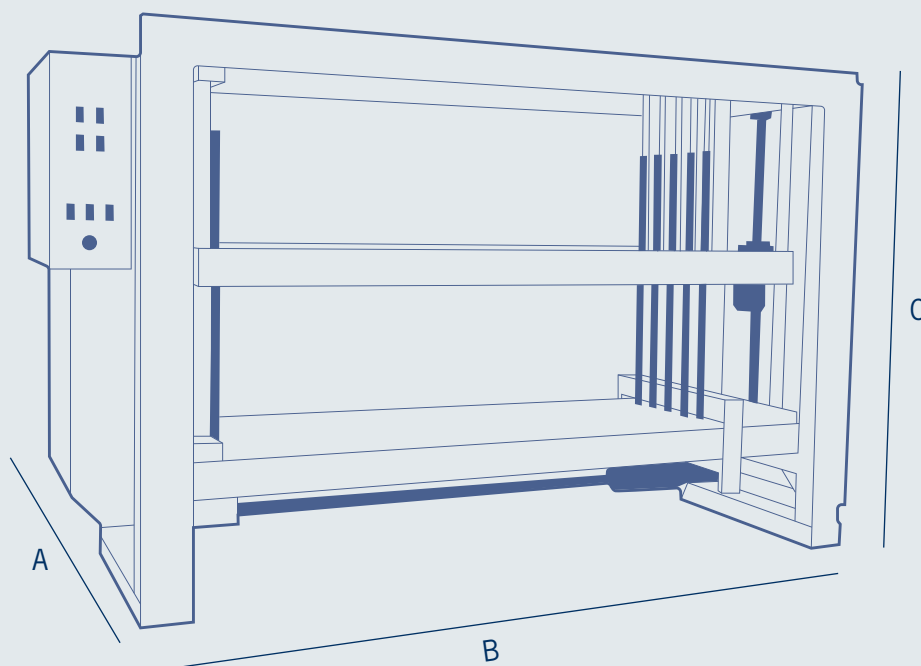


**Manually operated translating pre-assembly table (on the right side).** The preassembly table is a valuable aid for the operator who can mount the cabinet at the working height of the clamp and push it into the pressing area without lifting it further. (opt.).



Manually operated unloading table with 90° tilting function. The unloading table helps the operator to position the mounted furniture vertically and transport it to the next work area. (opt.).

## OVERALL DIMENSIONS



A	B	C
1127	3747	2335

# AUTOMATIC CLAMP

The electro mechanical cabinet clamp model action p is the solution for the assembly of cabinets. The automatic set-up allows to a simple use of the clamp. This automatic machine is suitable for all cabinet manufacturers, with low productive volumes (up to 50 cabinets/shift).

- **EFFICIENT CABINET SQUARING** by means of an integrated rack and pinion system
- **BEST PERFORMANCE** due to installed brushless motors, which allow the cycle's maximum speed execution
- **HORIZONTAL AND VERTICAL PRESSURE ELEMENTS** with single bars and "comb" system







Technical data		2500	3050
Installed power	kW		9
Standard working dimensions (max.)	mm	2500 x 1200 x 800	3050 x 1200 x 800
Standard working dimensions (min.)	mm		250 x 250 x 250
Working height	mm		620

# DEVICES AND OPTIONS



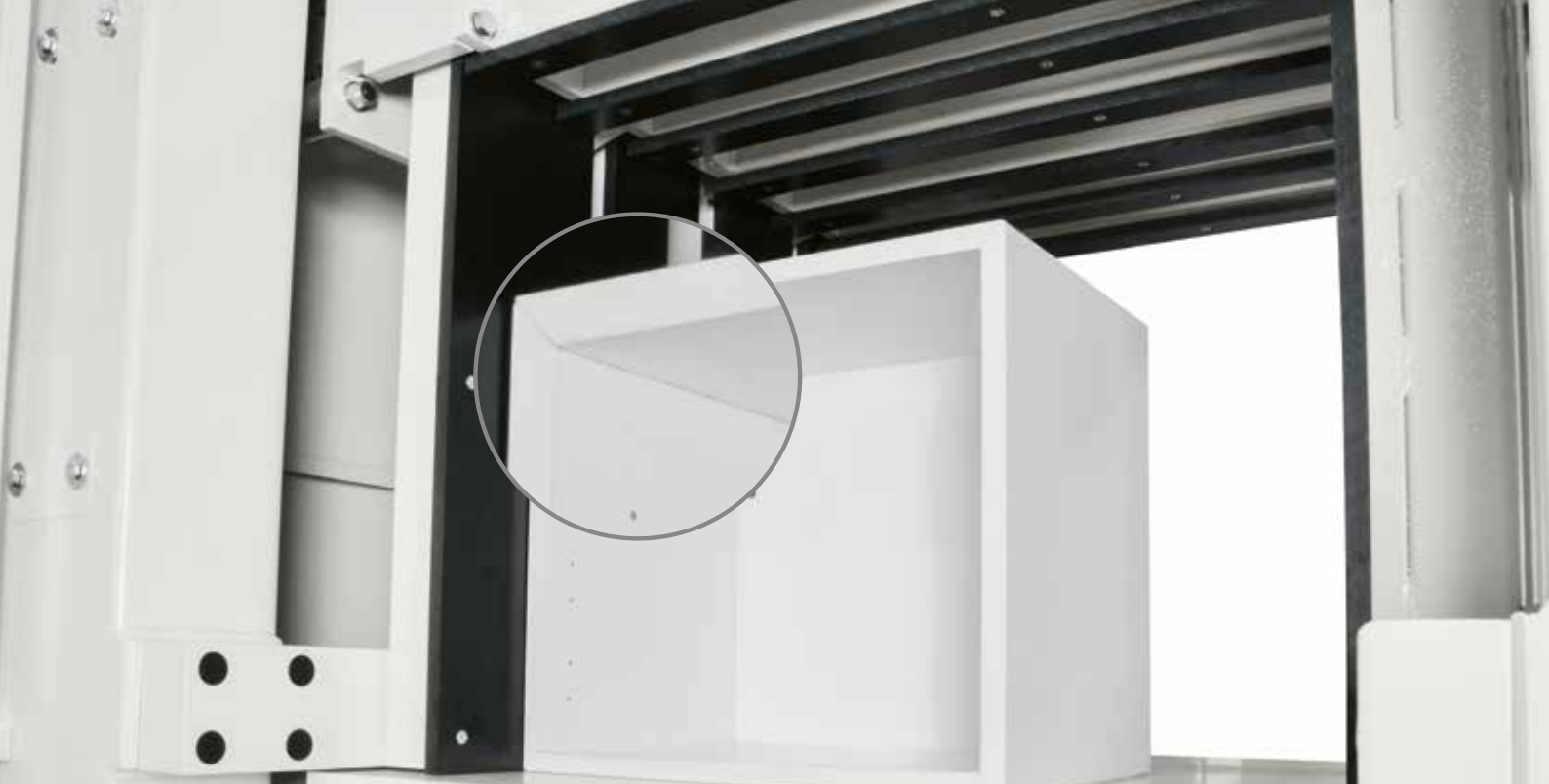
Efficient cabinet squaring by means of an integrated rack and pinion system driven by brushless motor.

**Better quality** with uniform pressing over the entire surface thanks to the comb system.



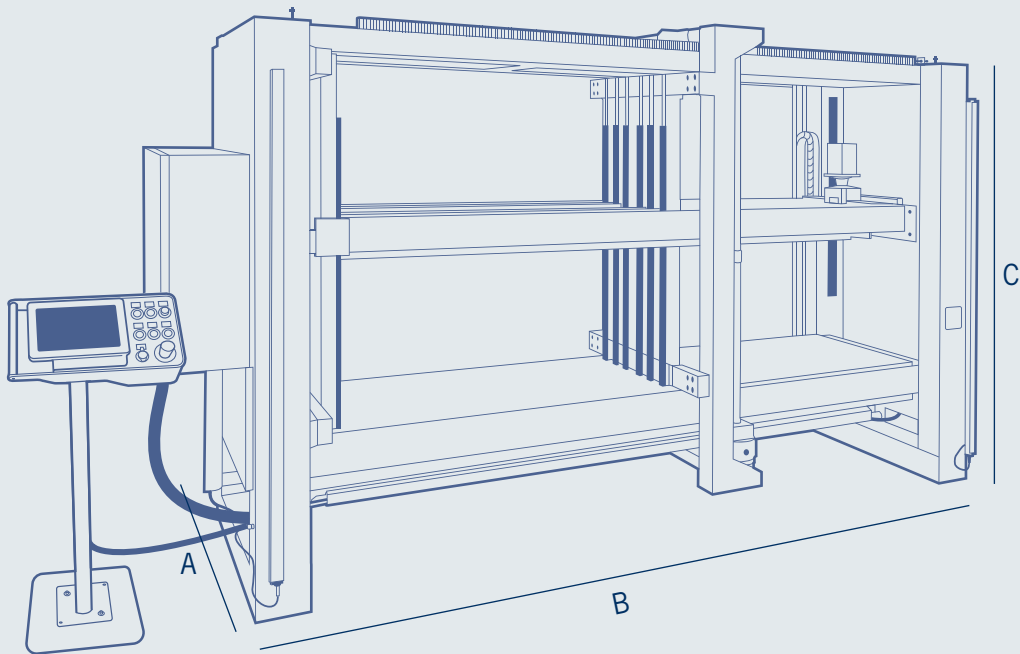
The operator interface (HMI) enables the following activities:

- Edit work programs (cabinet size, work cycle sequence, pressure ratings and cycle time)
- Execute manual commands
- Edit machine settings



Efficient squaring of cabinets even with 45° joints

# OVERALL DIMENSIONS



A	B	C
1226	4017	2363

# AUTOMATIC CLAMP

The electro mechanical cabinet clamp model **action fi** with manual loading/unloading and a complete automatic cycle, is the solution for the assembly of cabinets.

This machine is suitable for all cabinet manufacturers, with low productive volumes (up to 50 cabinets/shift).

- **EFFICIENT CABINET SQUARING** by means of an integrated rack and pinion system
- **BEST PERFORMANCE** due to installed brushless motors
- Easy programming and working thanks to the touch-screen interface, ergonomically positioned for the operator.





#### Technical data

Installed power	kW	9
Standard working dimensions (max.)	mm	2500 x 1250(H) x 800
Standard working dimensions (min.)	mm	250 x 250(H) x 150
Working height	mm	600

# DEVICES AND OPTIONS

Up to three adjustable pressing elements to meet the various dimensional requirements of the furniture being processed to ensure uniform pressing.



**The operator interface (HMI) enables the following activities:**

- Edit work programs (cabinet size, work cycle sequence, pressure ratings and cycle time)
- Execute manual commands
- Edit machine settings

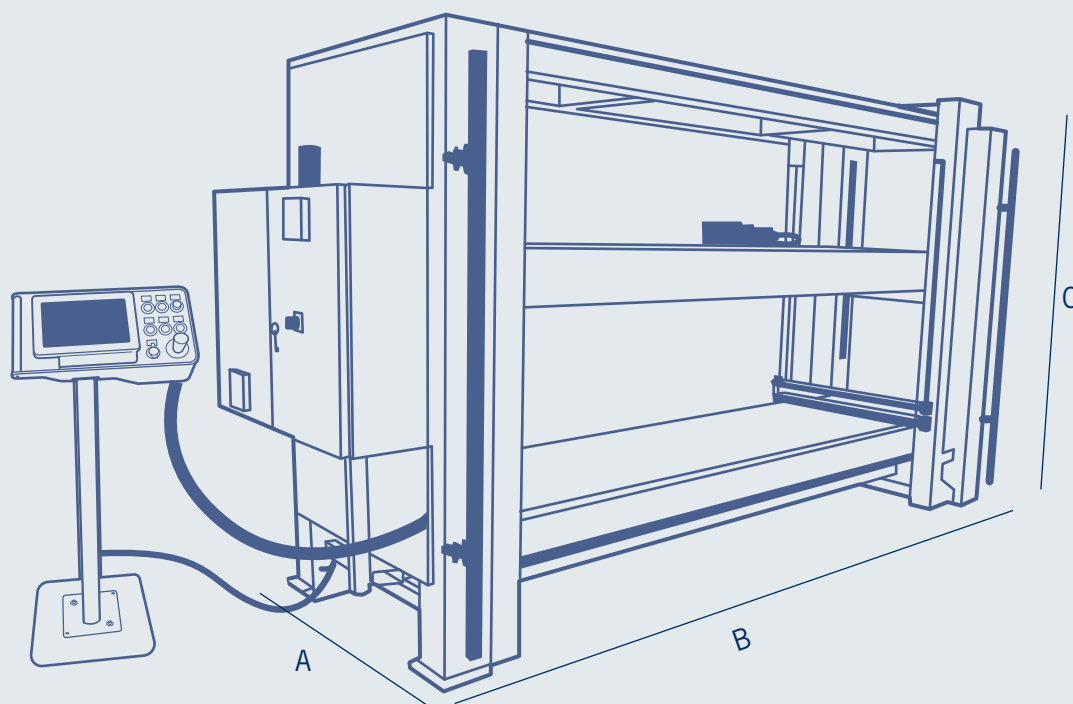
Efficient cabinet squaring by means of an integrated rack and pinion system driven by brushless motor.





Efficient squaring of cabinets even with 45° joints

# OVERALL DIMENSIONS



A	B	C
1226	4017	2363

# THROUGHFEED AUTOMATIC CLAMP

The through-feed electro mechanical cabinet clamp model **action tf** with automatic stapler (option) is the solution for the assembly of cabinets. This machine is suitable for all cabinet manufacturers, with medium to high production volumes (up to 650 cabinets/shift).

- **EFFICIENT SQUARING OF CABINETS** by means of an integrated rack and pinion system
- **BEST PERFORMANCE** due to installed brushless motors which allow the cycle's maximum speed execution
- **EASY PROGRAMMING AND WORKING** thanks to the touch-screen interface, ergonomically positioned for the operator.







Technical data		2500	3050
Installed power	kW	13	16,5
Standard working dimensions (max.)	mm	2500 x 1250 x 800	3050 x 1250 x 800
Standard working dimensions (min.)	mm	250 x 250 x 250	
Maximum vertical thrust	kg	1500	1900
Maximum side thrust	kg	1200	
Working table height	mm	600	620

# DEVICES AND OPTIONS

Easy programming and working thanks to the touch-screen interface, ergonomically positioned for the operator.



Efficient squaring of cabinets even with 45° joints by means of an integrated rack and pinion system.

Best performance due to installed brushless motors which allow the cycle's maximum speed execution.





Automatic loading and unloading of the cabinet on belt conveyor with automatic furniture size recognition system.



5-axis automatic stapler for the rear side of cabinets, to be installed on the **action tf** clamp. Ideal solution for producers of kitchen, bedroom and bathroom furniture.

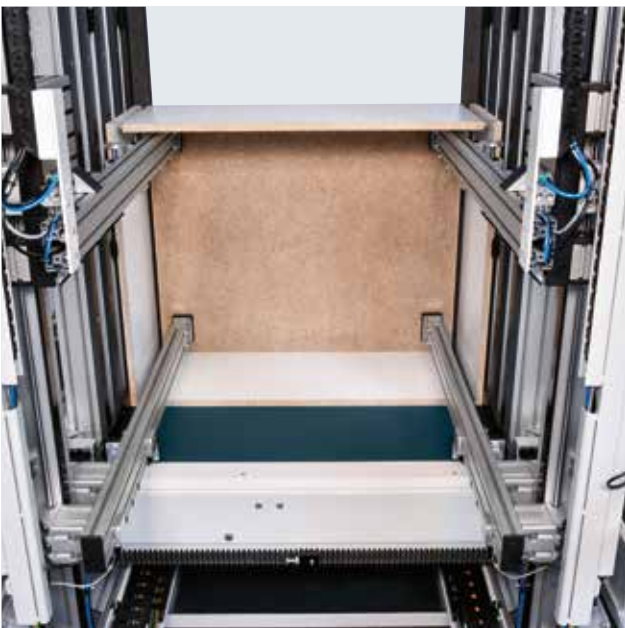
- **EASY PROGRAMMABLE NAILING PATH**, with possibility to clamp and staple more cabinets simultaneously
- **LABOUR SAVING**, increased productivity and accuracy
- **ABILITY TO WORK IN BATCH-ONE** mode by reading a barcode or job list

# DEVICES AND OPTIONS

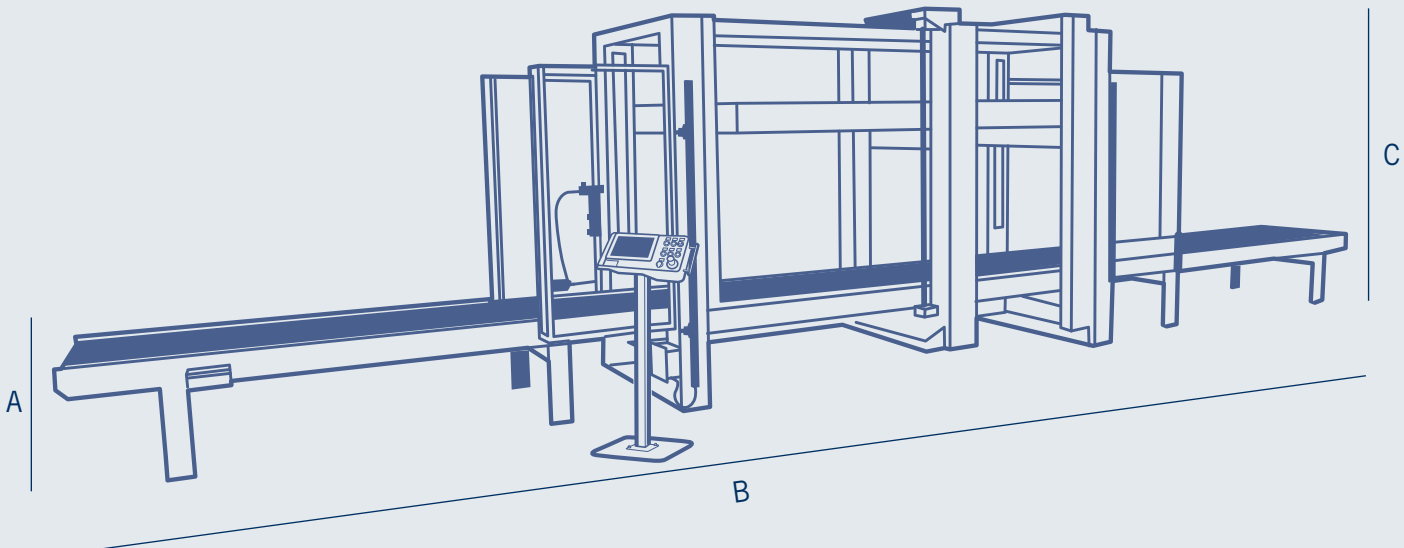
## ACTION WS

The action ws electromechanical cabinet preassembly machine is the ideal solution to prepare the cabinet pieces for the automatic assembly: the operator inserts the 5 cabinet parts into the machine that will complete the assembly. The suitable cabinet consists of 5 parts (right and left sides, bottom, top and back panels) and equipped only with horizontal dowels (kitchens, bathroom furniture).

The cabinet dimensions are programmable by interface (ideal solution for large batches) or remotely via production list (ideal for batch 1 production).



# OVERALL DIMENSIONS



A	B	C
2553	11300	3355

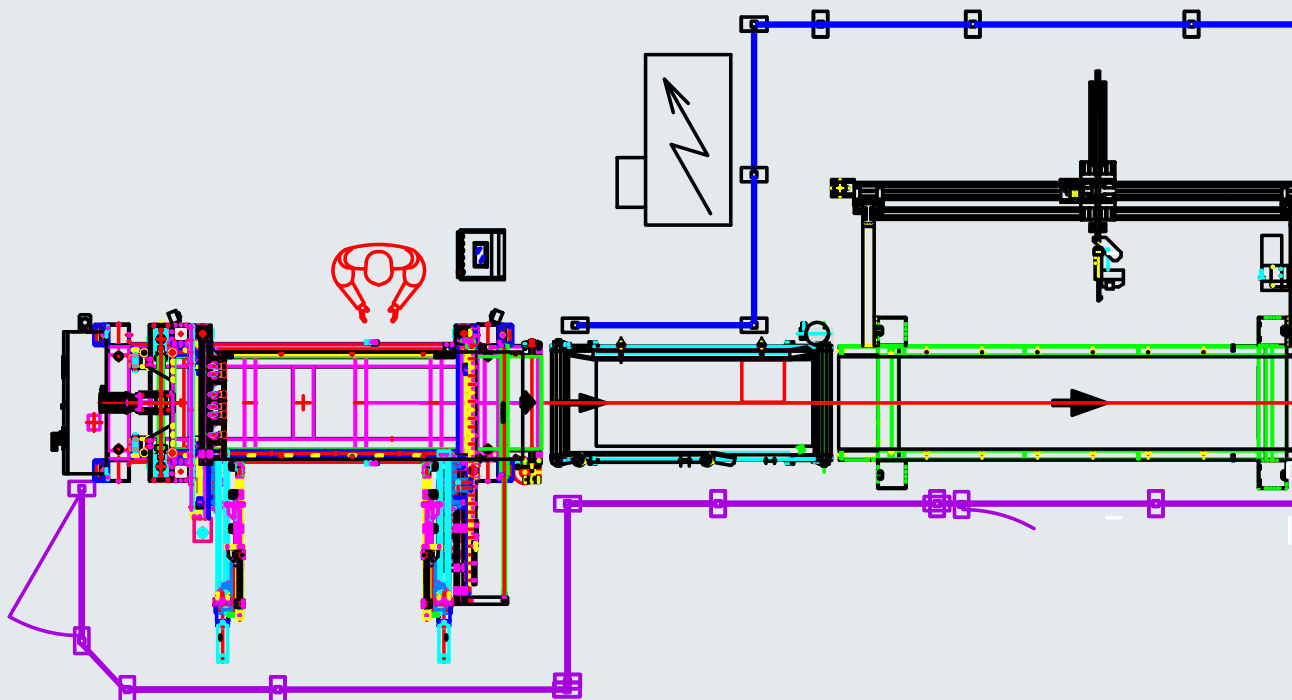
# COMPLETE SOLUTIONS

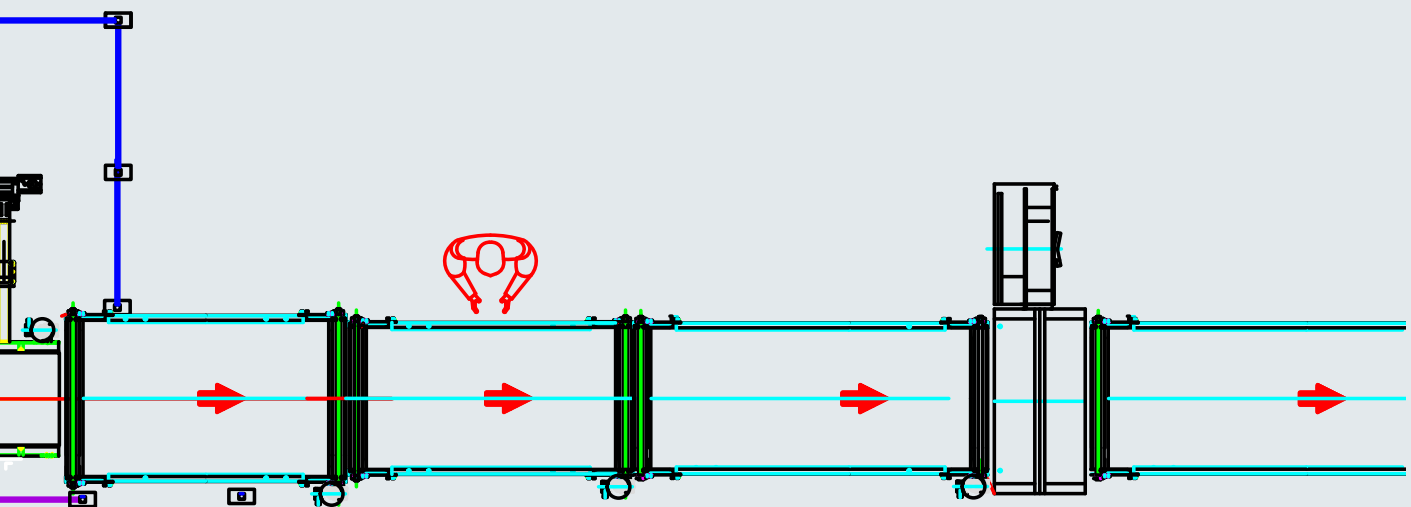
## COMPLETE LINES FOR ASSEMBLY

These lines are composed of several stations in order to obtain the assembled furniture cabinet, starting from all of its individual components.

These lines are suitable for all assembled furniture industries, such as kitchens, bathrooms and office furniture manufacturers.

- **COMPLETE TURN-KEY SOLUTION:**  
turn-key complete solutions in collaboration with a unique partner
- **AUTOMATIC SOLUTION:**  
range of manual / automatic solutions suitable to all customer's production volumes





# HORIZONTAL CLAMP FOR FRAMES AND KITCHEN DOORS

Horizontal automatic hydraulic clamp, ideal solution for producers of kitchen doors, solid wood doors and frames.

- Possibility to assemble frames with 45° or 90° joints without any previous setting
- Small series can be easily processed at the same production rate as large standard series, due to auto-adjusting of machine to the product's dimensions
- Hydraulic pressing power can be adjusted according to the type of frame to be assembled





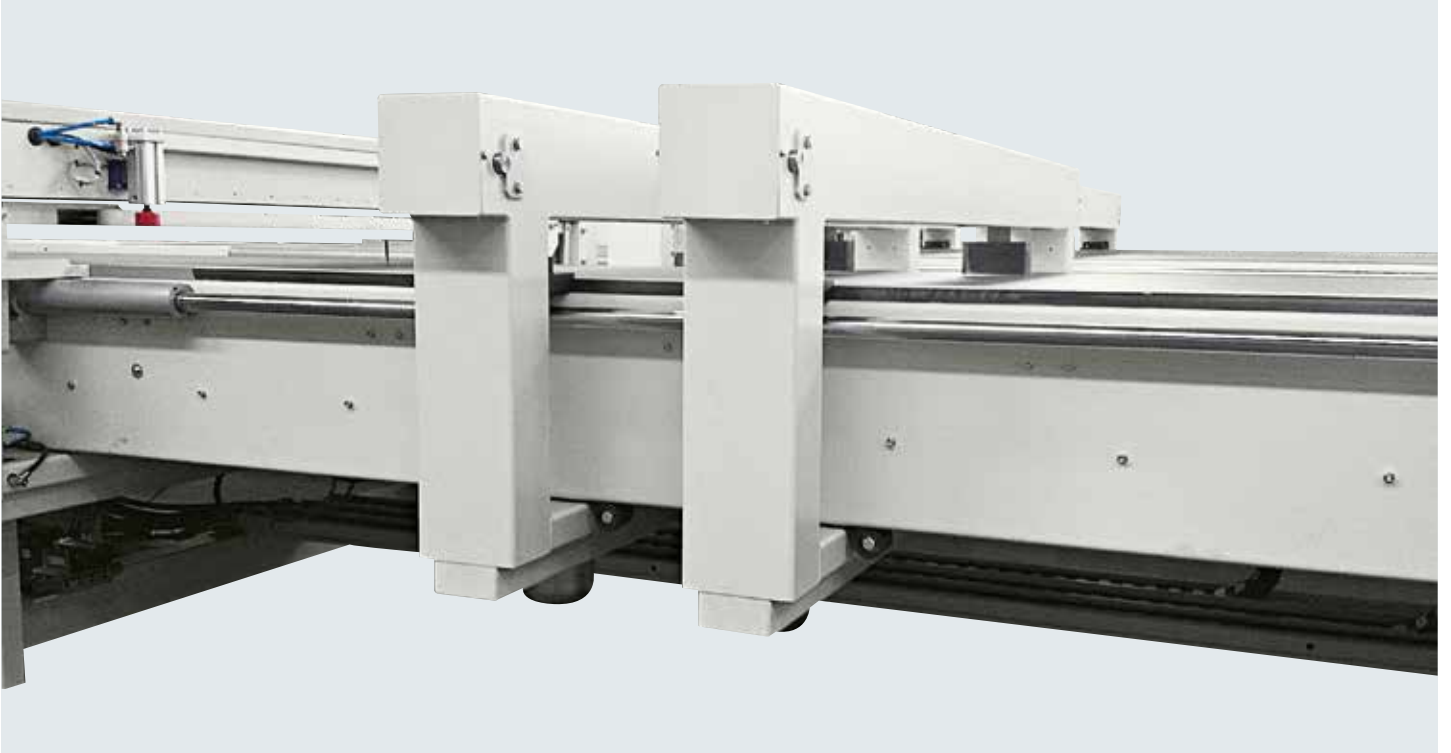
**Technical data**

Installed power	kW	8
Standard working dimensions (max.)	mm	2500 x W 750 x 40H
Standard working dimensions (min.)	mm	300 x 135 x 15H



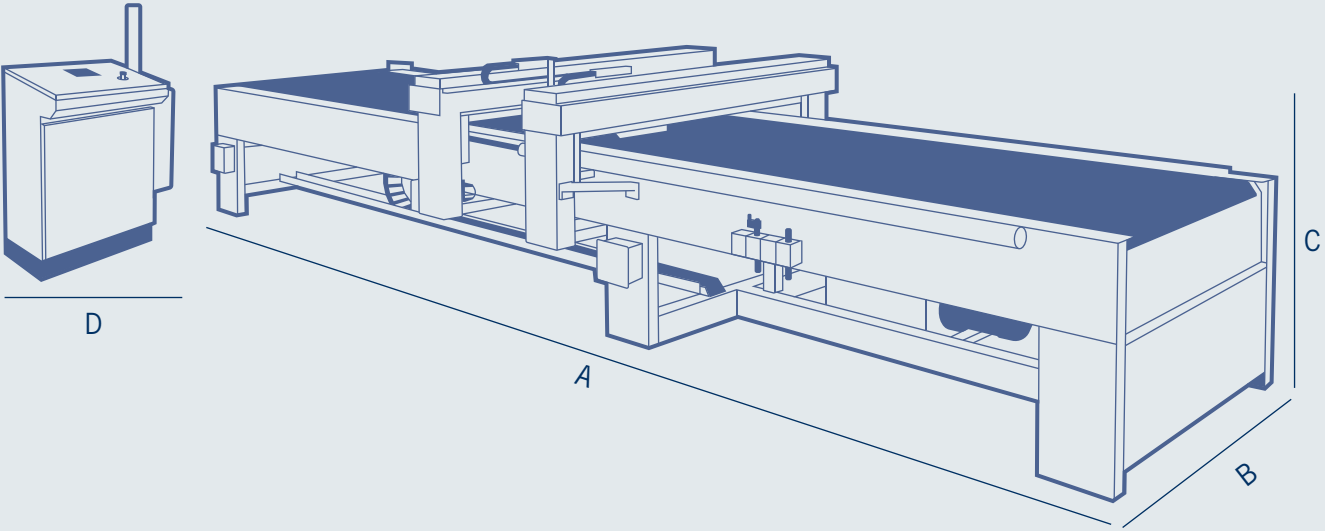
# DEVICES AND OPTIONS

Double hydraulic, central shoulder with motorized positioning that allows a greater pressure.



# OVERALL DIMENSIONS

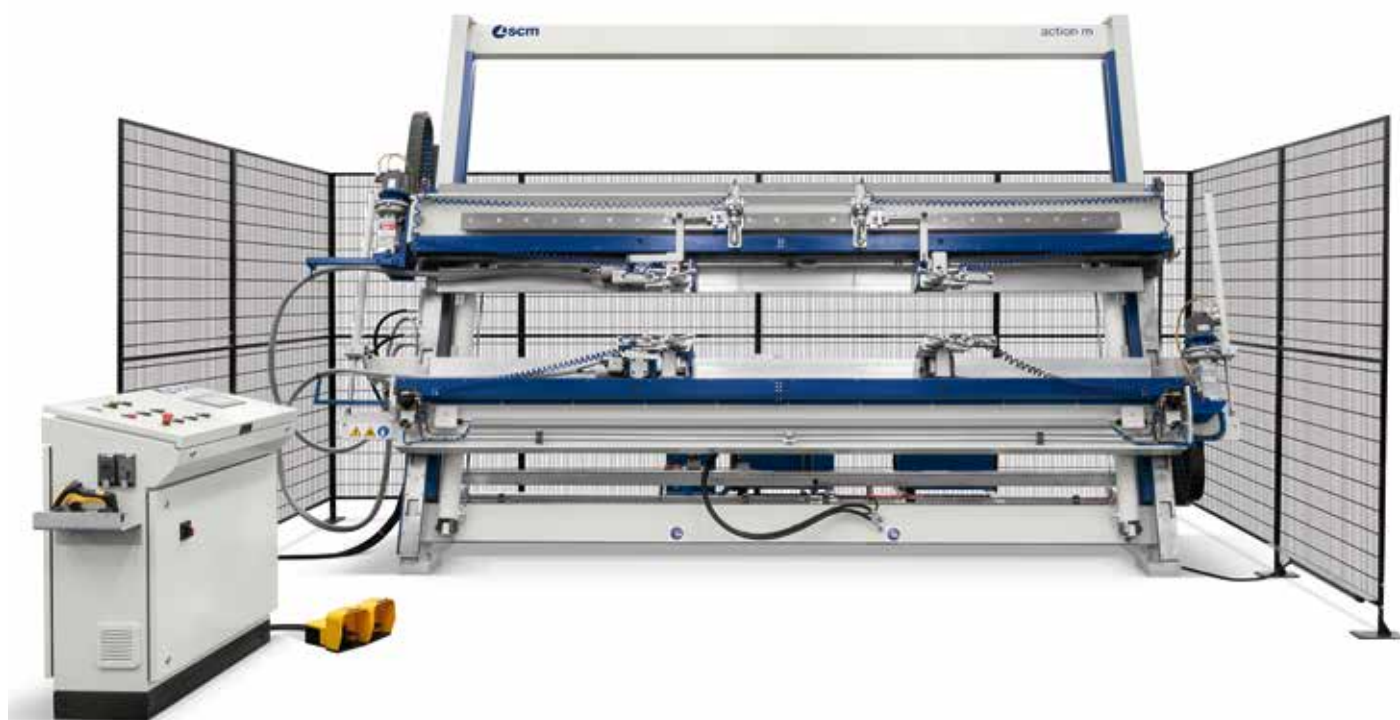
**action h**  
solutions for assembly



A	B	C	D
5880	2030	852	1000

# VERTICAL CLAMP FOR WINDOWS AND DOORS

The new action m cnc clamping machine, a new addition to scm, complements action m by ensuring high power combined with high bonding performance on all types of window frames, even for medium to large companies.



Technical data action m cnc		30-17	30-20	35-25
Standard working dimensions (max)	mm	3000 x 1700	3000 x 2000	3500 x 2500
Standard working dimensions (min)	mm	400 x 400	400 x 400	400 x 400
Max vertical/horizontal thrust	ton	14/3	14/3	14/3
Installed power	kW	9	9	9



Technical data action m		30-17	30-20	35-20	35-25
Standard working dimensions (max)	mm	3000 x 1700	3000 x 2000	3500 x 2000	3500 x 2500
Standard working dimensions (min)	mm	250 x 350	250 x 350	250 x 350	250 x 375
Max vertical/horizontal thrust	ton	14/6	14/6	14/6	14/6
Working height	mm	400/920	400/920	400/920	420/1190
Hydraulic pump power	kW	2.1	2.1	2.1	2.1

# DEVICES AND OPTIONS

## ACTION M CNC



Preassembly with workpiece reading photocells for automatic closing of pneumatic pistons (opt.).  
Movable upper and lower beams adjustable by plc.



Pneumatic pre-assembly elements (opt.)



Touch screen control panel

## ACTION M



Preassembly with workpiece reading photocells for automatic closing of pneumatic pistons (opt.).  
Movable upper and lower beams adjustable by plc.

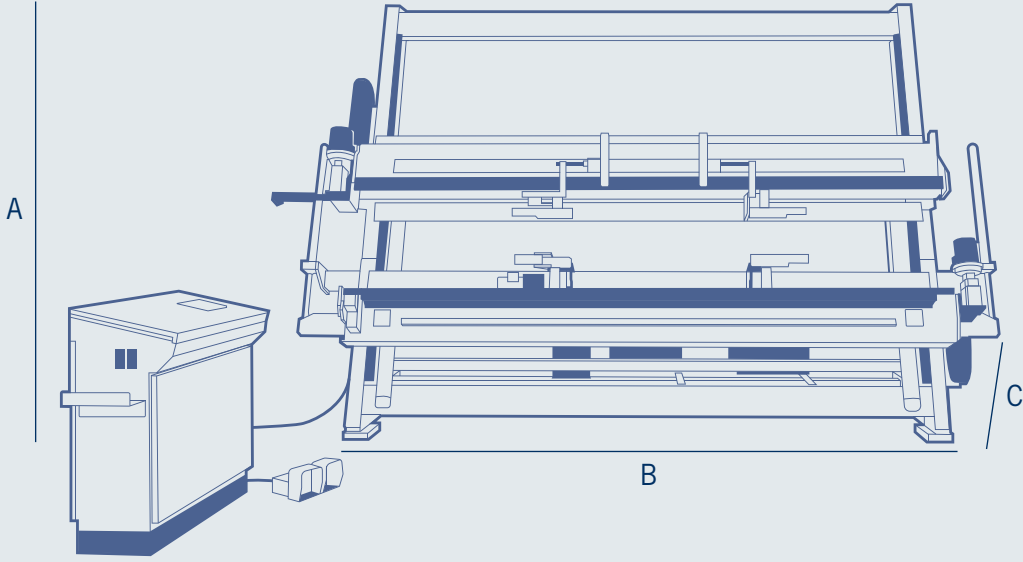


Push button panel for manual closing and opening of the clamp.

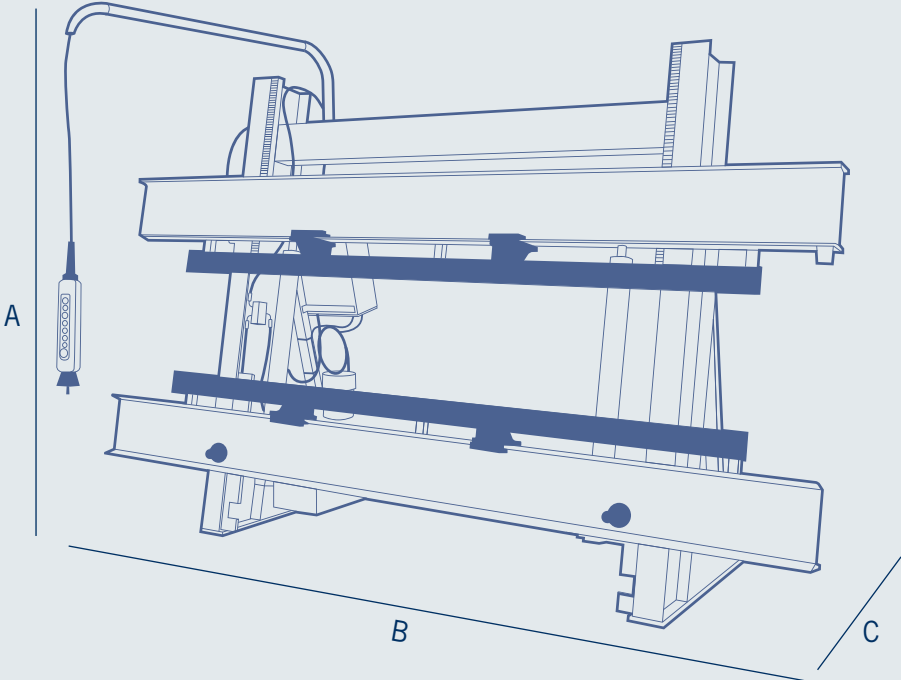


# OVERALL DIMENSIONS

**action m**  
solutions for assembly



A	B	C
3375	6500	1645



A	B	C
2675	3520	1150



**SERVICE AND MAINTENANCE**



**TRAINING SERVICE**



**SPARE PARTS**



**DIGITAL SERVICES**

SCM OFFERS A FULL RANGE OF **HIGHLY SPECIALISED SERVICES** WITH A QUALITY AND RELIABILITY THAT STEM FROM 70 YEARS OF EXPERIENCE IN THE INDUSTRY.

From installation and production start-up to services and maintenance. From training to the supply of specific original spare parts: **we provide solutions designed around you!**

**CONTACT**

**SCM SERVICE**

via Emilia 77 - 47921 Rimini - Italy  
tel. +39 0541 700100  
scmservice@scmgroup.com  
www.scmwood.com

**SCM SPAREPARTS**

Via Emilia, 61 - 47921 - Rimini - Italy  
tel. +39 0541 674111  
spareparts@scmgroup.com  
www.scmwood.com



My Scm



# WE'LL GO THE EXTRA MILE FOR YOU



## SERVICE AND MAINTENANCE

- Remote support
- Scheduled maintenance contracts
- Warranty extension



## TRAINING SERVICE

- Courses for machine operators
- Software and programming courses
- Training in production start-up



## SPARE PARTS

- Recommended spare parts list
- E-shop
- Interactive spare-parts catalogues
- Repairs on electronic parts, glue tanks and electro-spindles



## DIGITAL SERVICES

- Maestro Connect - IoT platform to be constantly connected with your machines
- Smartech - assistance with augmented reality
- My Scm portal - opening of service ticket and single point of access to the apps and Services tools

# THE STRONGEST WOOD ARE IN OUR DNA

## SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND

70 years of success gives SCM the centre stage in woodworking technology. This heritage results from bringing together the best know-how in machining and systems for wood-based manufacturing. SCM is present all over the world, brought to you by the widest distribution network in the industry.

**70** years history

**3** main production sites in Italy

**300.000** square metres of production space

**20.000** machines manufactured per year

**90%** export

**20** foreign branches

**400** agents and dealers

**500** support technicians

**500** registered patents

In SCM's DNA also strength and solidity of a great Group. The SCM Group is a world leader, manufacturing

## SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL MACHINES

### INDUSTRIAL MACHINERY

Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.



WOODWORKING TECHNOLOGIES



TECHNOLOGIES FOR PROCESSING  
COMPOSITE MATERIALS, ALUMINIUM,  
PLASTIC, GLASS, STONE, METAL

# TECHNOLOGIES



industrial equipment and components for machining the widest range of materials.

## AND COMPONENTS

### INDUSTRIAL COMPONENTS

Technological components for the Group's machines and systems,  
for those of third-parties and the machinery industry.

**HITECO**

SPINDLES AND TECHNOLOGICAL  
COMPONENTS

**es**

ELECTRIC PANELS

**steelmec**

METALWORK

**scmfonderie**

CAST IRON



**SCM GROUP SPA**  
via Casale 450 - 47826 Villa Verucchio, Rimini - Italy  
tel. +39 0541 674111 - [scm@scmgroup.com](mailto:scm@scmgroup.com)  
[www.scmwood.com](http://www.scmwood.com)



00L0456716B