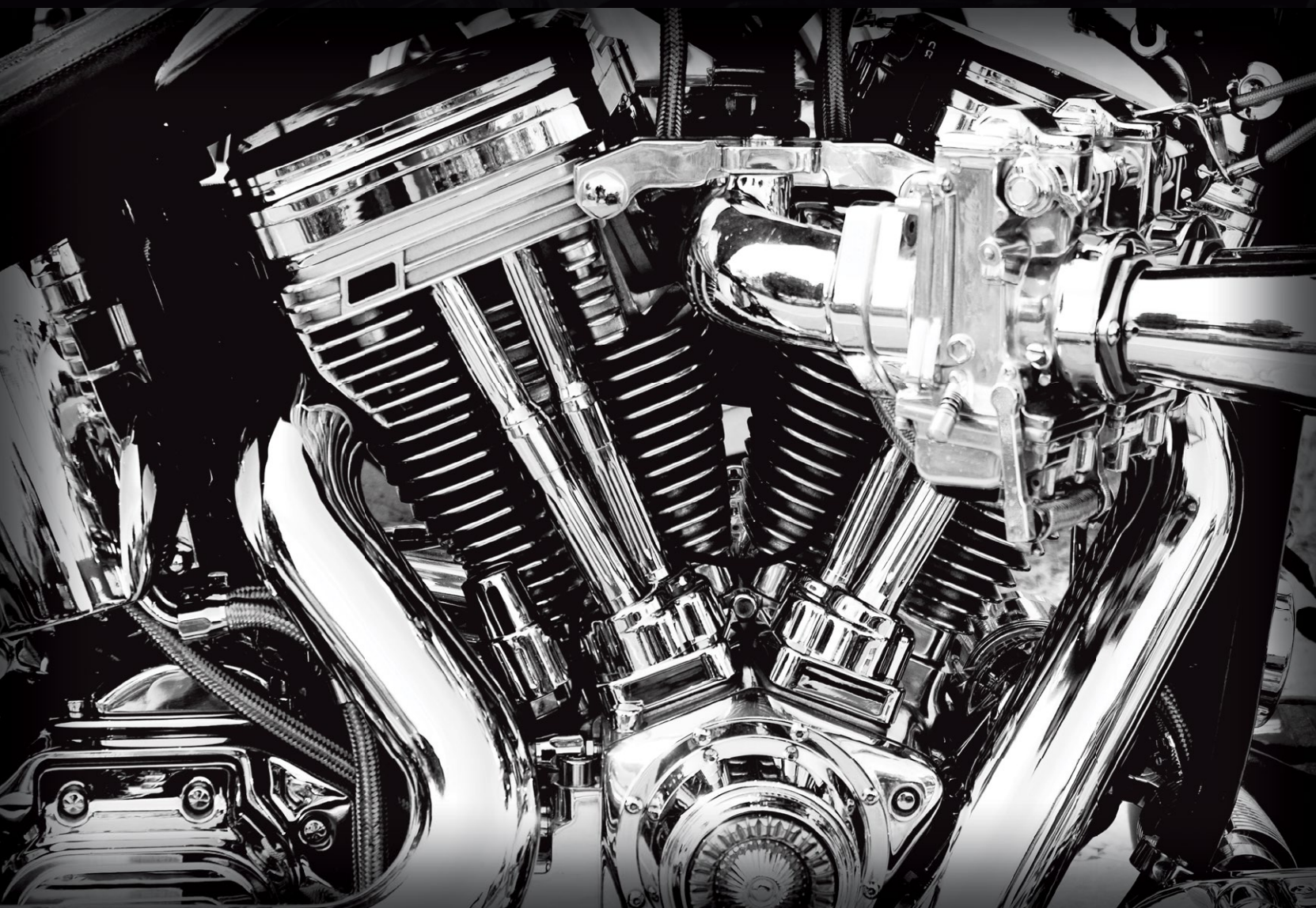


PERFORMANCE MACHINES & TOOLING FOR BLINDS PRODUCTION



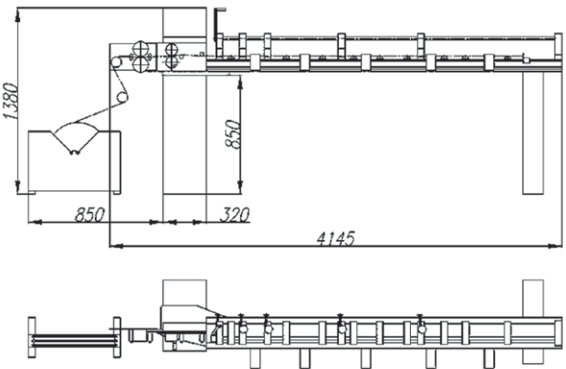
2015

M600 manual slat forming, punching and cutting machine. Modular construction allows to upgrade this machine to fully automatic if needed.



- FEATURES**
- Forming, cutting and hole punching in aluminium slat
 - Easy setting of slat length and punching stations
 - Slat width range: 16, 25, 35 and 50 mm
 - Quick and easy change between slat widths

Slat width	16 mm or 25 mm
Min. length of cut slats	240 mm
Number of punching stations	4
Number of cut off stations	1
Min. distance from slat edge to first hole	70 mm
Net weight	140 kg
Packing – wood crate	L = 3900 mm W = 500 mm H = 730 mm



ALUMINIUM BLINDS

M600	3
M450	4
M420	5
M420T	6
M3000	7
M4000	8

WOOD BLINDS

M400 RD	9
216WAF	10
216W-219W	11

VERTICAL BLINDS

AVC-3	12
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RAILS

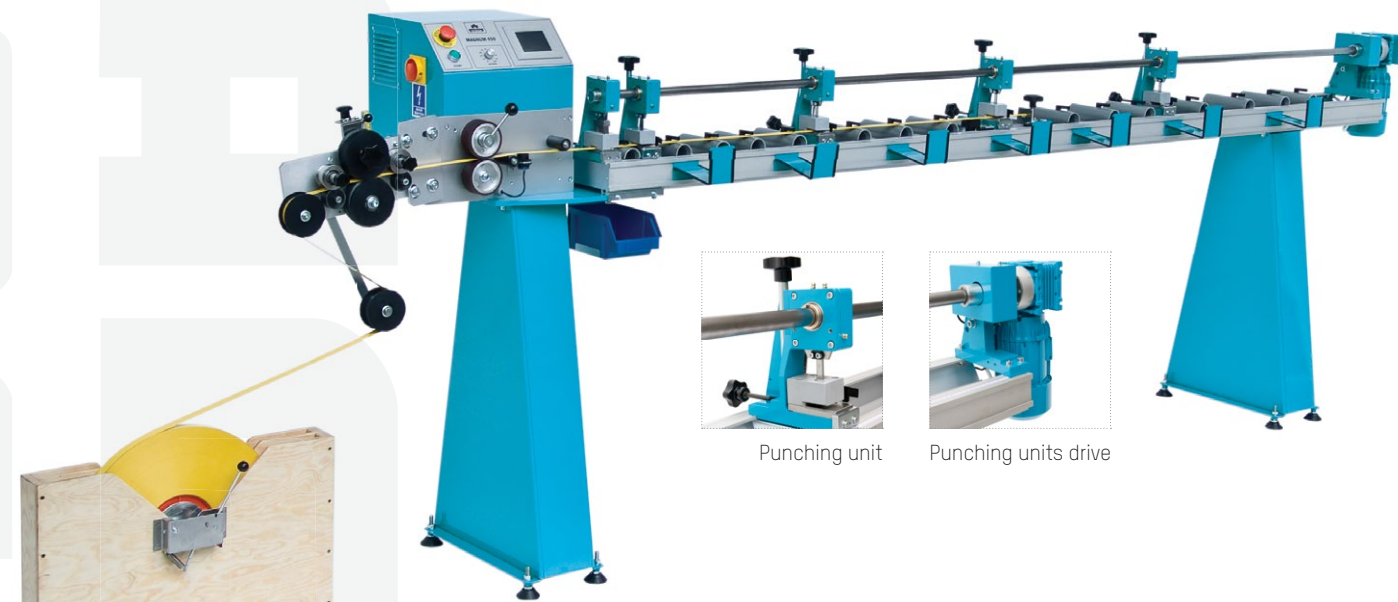
PR-5	13
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ROLLER BLINDS

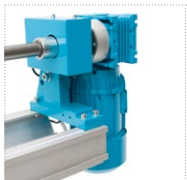
SV-P1	14
RBH-02/EP	15



M450 is automatic slat cutting and punching machine designed specially for small and medium blinds manufacturers.



Punching unit



Punching units drive

machine in the picture may be fitted with additional equipment

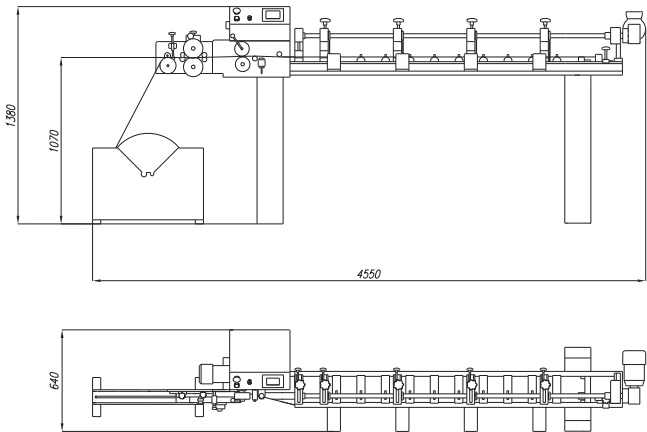


Control panel

FEATURES

- Forming, cutting and hole punching in aluminum slat
- Easy setting of slat length and punching stations
- Variable speed 0-100%
- Slat width range 16 mm, 25 mm
- Quick and easy change between slat widths
- Automatic slat counting during production process
- Efficient "touch screen" control panel

Slat width	16 mm or 25 mm
Cutting lenght	210 mm - 3000 mm
Number of punching stations	4
Number of cut off stations	1
Min. distance from slat edge to first hole	70 mm
Max. slat feeding speed	1,7 m/sec.
Power supply	230 V / 50-60 Hz
Installed power	0,95 kW
Net weight	190 kg
Gross weight	490 kg
Packing - wood crate	L = 4140 mm W = 730 mm H = 1630 mm



ADDITIONAL EQUIPMENT

- Side guide cut off die
- 25 mm or 16 mm slat width equipment
- After sales support



M420 is fully automatic slat cutting and punching machine.



machine in the picture may be fitted with additional equipment

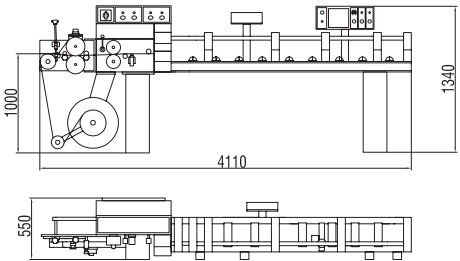
FEATURES

- Cutting and punching in one cycle – all holes are punched simultaneously
- Easy setting of slat length and punching stations
- Variable speed: 0 – 100 %
- Slat width range: 16 mm, 25 mm, 35 mm, 50 mm
- Quick and easy change between slat widths
- Automatic slats number calculation and holes division
- Easy to operate and maintain
- Possibility to install threading section

Slat width	210 mm - 3000 mm (longer as an option)
Cutting lenght	4
Number of punching stations	1
Number of cut off stations	-
Min. distance from slat edge to first hole	70 mm
Max. slat feeding speed	3 m/sec.
Power supply	230 V / 50-60 Hz
Installed power	1,4 kW
Net weight	230 kg
Gross weight	480 kg
Packing - wood crate	L = 4320 mm W = 700 mm H = 1650 mm

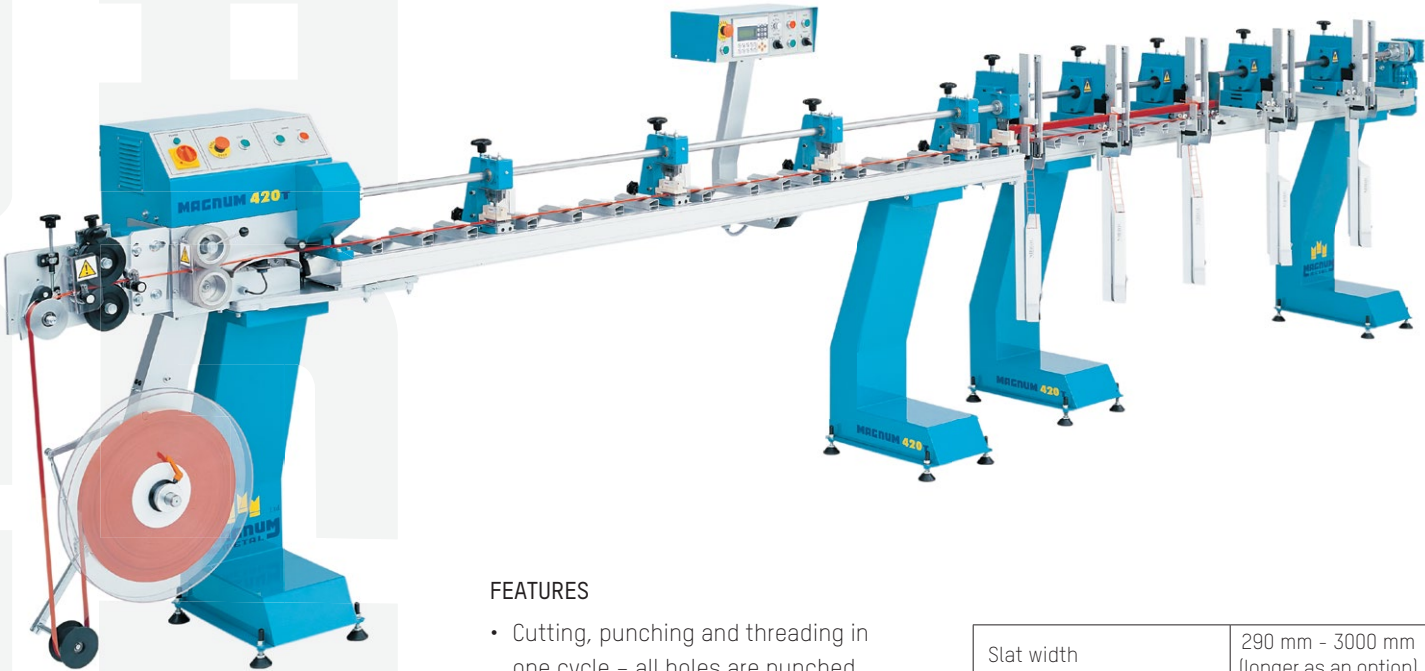
ADDITIONAL EQUIPMENT

- Side guide hole equipment
- Spare parts kit
- Service agreement
- Bar code reader





M420T is fully automatic slat cutting, punching and threading machine.



machine in the picture may be fitted with additional equipment

FEATURES

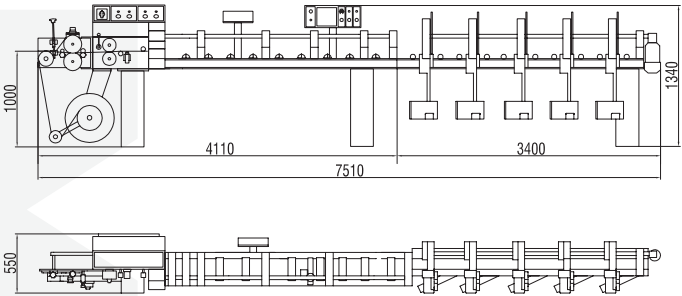
- Cutting, punching and threading in one cycle – all holes are punched simultaneously
- Easy setting of slat length, punching and threading stations
- Single/double stacking magazines as requested
- Mechanically disengageable punching dies
- Variable speed: 0 – 100 %
- Slat width range: 16 mm, 25 mm, 35 mm, 50 mm
- Quick and easy change between slat widths
- Automatic slats number calculation and holes division
- Easy to operate and maintain

Slat width	290 mm - 3000 mm (longer as an option)
Cutting lenght	4
Number of punching stations	1
Number of cut off stations	5-8
Min. distance from slat edge to first hole	75 mm
Max. slat feeding speed	3 m/sec.
Power supply	230 V / 50-60 Hz
Installed power	1,9 kW
Net weight	360 kg
Gross weight	720 kg
Packing – wood crate	L = 4700 mm W = 1120 mm H = 1650 mm

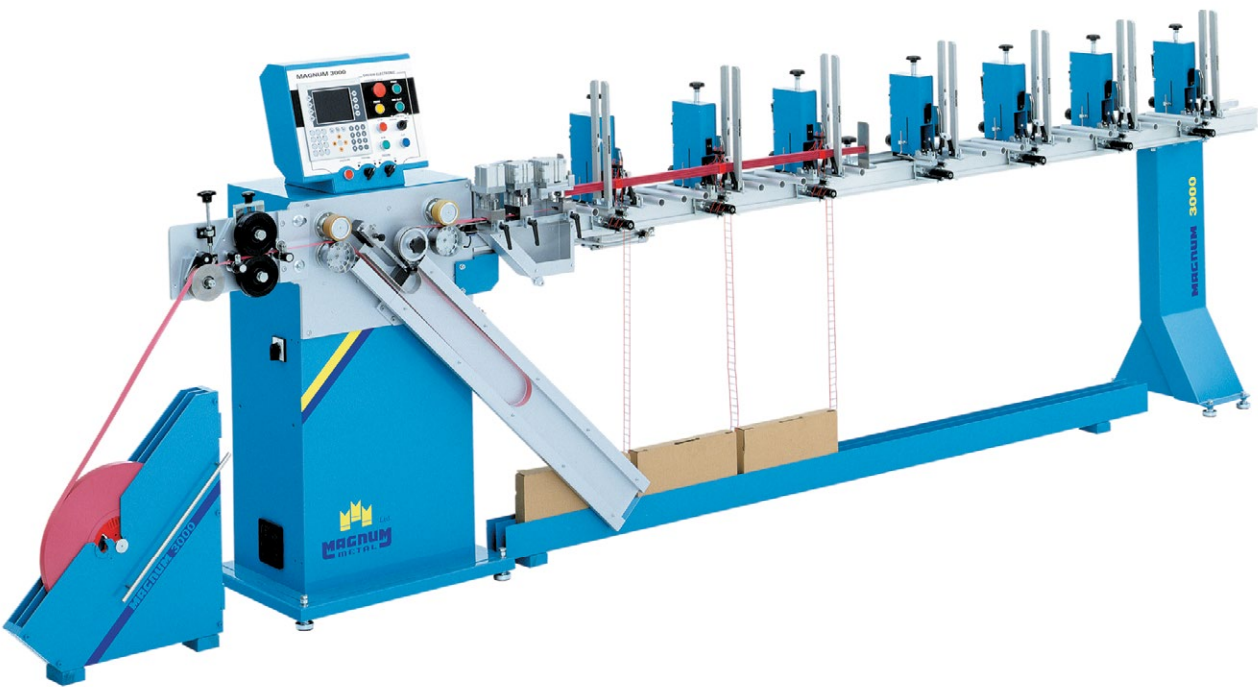
ADDITIONAL EQUIPMENT

- Side guide hole equipment
- Multi blind cutting station* (200 MC)
- Spare parts kit
- Service agreement
- Magazines for woven laddertapes
- Short blinds kit (200 SB)*
- Bar code reader

* Compressed air necessary (0.6 MPa)



M3000 is fully automatic slat cutting, punching and threading machine.



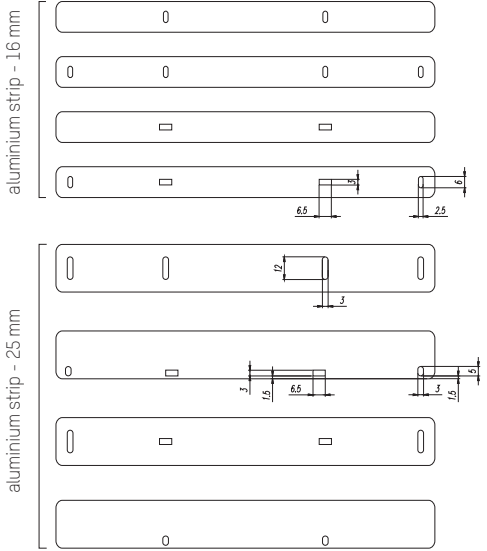
machine in the picture may be fitted with additional equipment

FEATURES

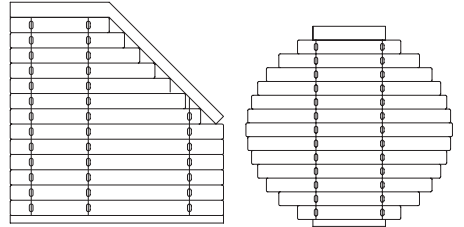
- Fast production with high accuracy
- Compact machine – less space required
- Forming, punching, cutting and threading
- All systems of venetian blinds production
- Nonstandard blinds production (round, triangle etc.)
- Side guiding hole system
- Numerically controlled length of slat
- Quick and easy change between slat widths
- Quick setup of blinds dimensions
- Automatic slats number calculation
- Possibility to set another blind during machine work
- Continuous readout :
 - productivity
 - number of slats made
 - number of cycles for each die or number of cycles each die did machine
- diagnostic through service window or Internet modem

Number of punching stations	2
Number of cutting stations	1
Number of threading stations	4-7
Slat width range	15 mm, 16 mm, 25 mm
Min. slat length	300 mm less without threading
Max. slat length	3000 mm
Distance from the slat edge to first pilot hole	90 mm less without threading
Max. productivity	65 m ² / h
Control panel	5,7 inch. monochromatic
Threading stations setup	manual
Package lifting to second magazine level	option
Short blinds kit	option
Bar code reader	option
Power supply	3x400 V / 50-60 Hz
Installed power	1,5 kW
Compressed air	0,7 MPa
Air consumption	20 m ³ /h
Net weight	320 kg
Gross weight	580 kg
Packing - 2 wood boxes	L=1250 mm W=950 mm H=1730 mm L=3700 mm W=460 mm H=950 mm

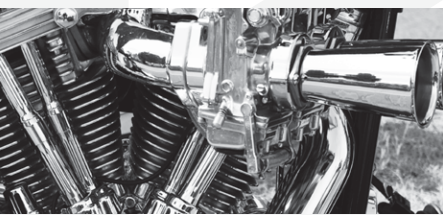
Typical production possibilities of M3000



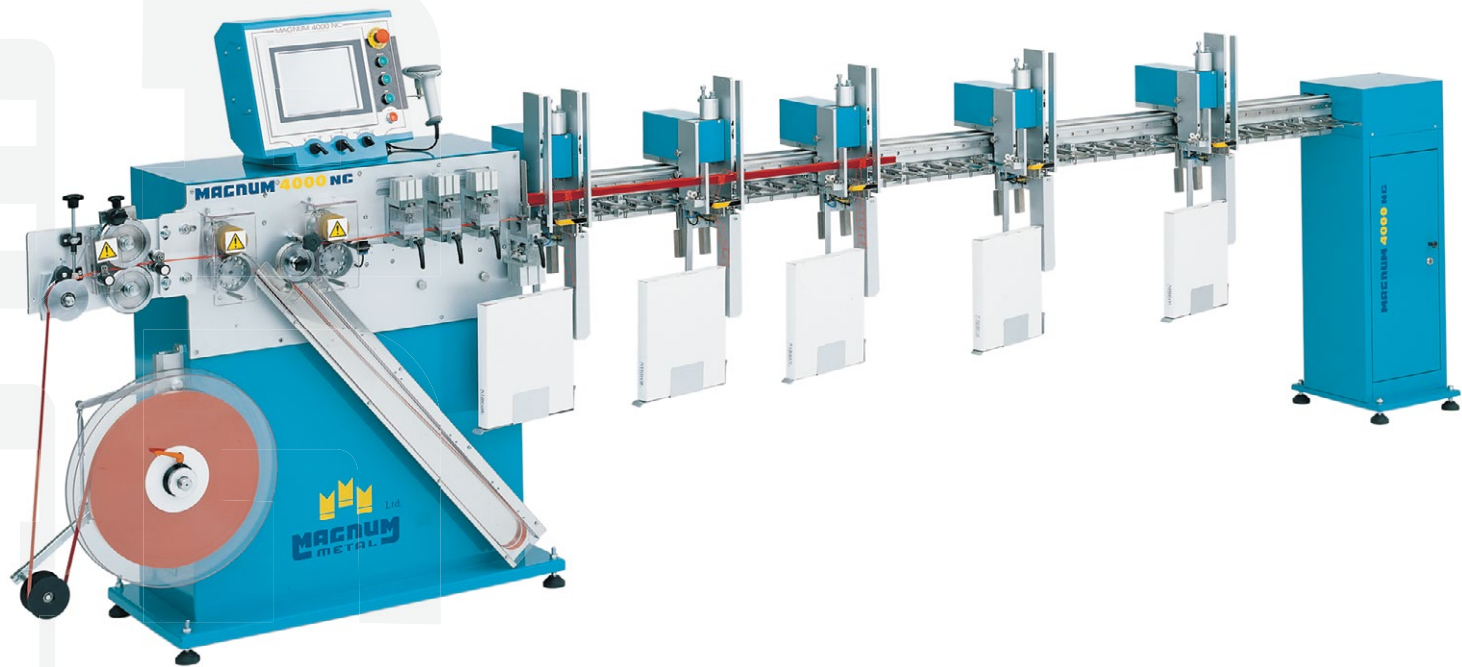
Non standard blinds production



ALUMINIUM
BLINDS **M4000**

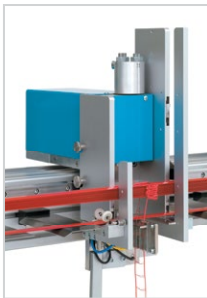


M4000 is fully automatic slat cutting, punching and threading compact machine of 3-rd generation.

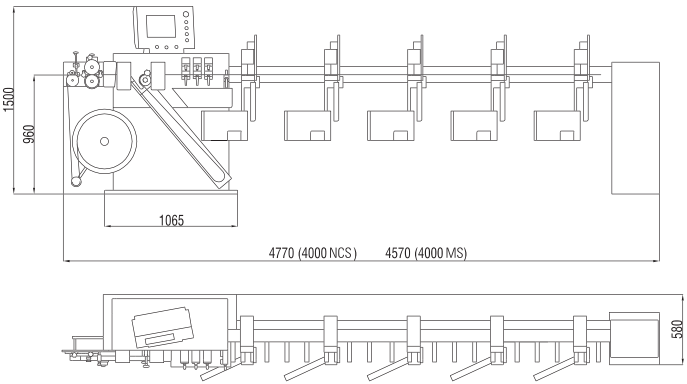


machine in the picture may be fitted with additional equipment

Machine type	M4000 NCS	M4000 MS
Number of punching stations	3	3
Number of cutting stations	1	1
Number of threading stations	5-7	5-7
Slat width range	16 mm, 25 mm 35 mm, 50 mm	16 mm, 25 mm 35 mm, 50 mm
Min. slat length	300 mm less without threading	300 mm less without threading
Max. slat length	3000 mm 3500 mm, 4000 mm	3000 mm 3500 mm, 4000 mm
Distance from the slat edge to first pilot hole	80 mm less without threading	80 mm less without threading
Speed of production 1m x 1m slat package	31 sec.	34 sec.
Control panel	10,4 inch. colour touch screen	10,4 inch. colour touch screen
Punching dies setup	automatic	automatic
Threading stations setup	automatic	manual
Package lifting to second magazine level	standard	standard
Short blinds kit	option	option
Bar code reader	option	option
Power supply	3x400 V / 50-60 Hz	3x400 V / 50-60 Hz
Installed power	2,8 kW	2,2 kW
Compressed air	0,7 MPa	0,7 MPa
Air consumption	150 L/min.	150 L/min.
Net weight	440 kg	395 kg
Gross weight	655 kg	610 kg
Packing - 2 wood boxes	L=1600 mm L=3650 mm W=750 mm W=800 mm H=1800 mm H=1645 mm	L=1600 mm L=3650 mm W=750 mm W=800 mm H=1800 mm H=1645 mm



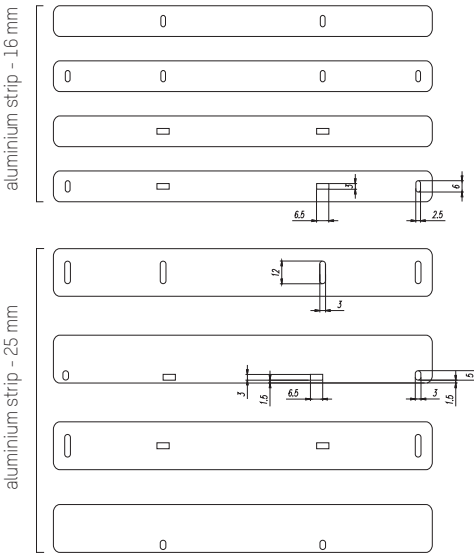
M4000MS Control Panel



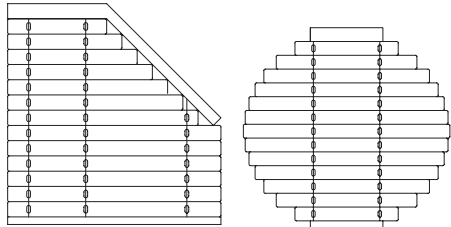
FEATURES

- Fast production with high accuracy
- Compact machine – less space required
- Forming, punching, cutting and threading
- All systems of venetian blinds production
- Nonstandard blinds production (round, triangle etc.)
- Side guiding hole system
- Numerically controlled length of slat
- Quick and easy change between slat widths
- Slat coil holder with a constant slat tension
- Quick setup of blinds dimensions
- Automatic slats number calculation
- Possibility to set another blind during machine work
- Continuous readout: productivity, number of slats made, number of cycles for each die or number of cycles each die did
- diagnostic through service window or Internet modem

Typical production possibilities of M4000



Non standard blinds production



M400RD WOOD
BLINDS



The semi-automatic machine type M400 RD is designed for punching of holes in wood slats of 25 mm or 35 mm or 50 mm width. Punching of holes is performed by means of foot-operated pedal, which releases the single turn of the punching dies drive shaft. Placing of slats in punching section and removing of pocket is made manually.



Dimensions of standard holes
(In relation to width of wood slats)

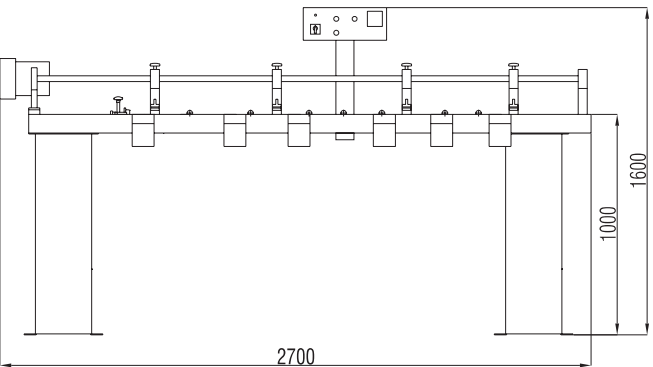
- 25 mm - 3 mm x 12 mm
- 35 mm - 4 mm x 15 mm
- 50 mm - 4 mm x 20 mm

Special dimensions of holes available on request.

ADDITIONAL EQUIPMENT

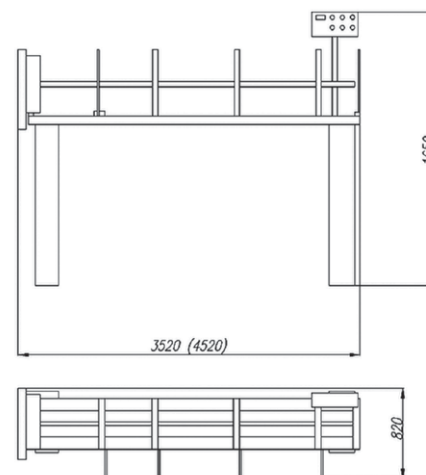
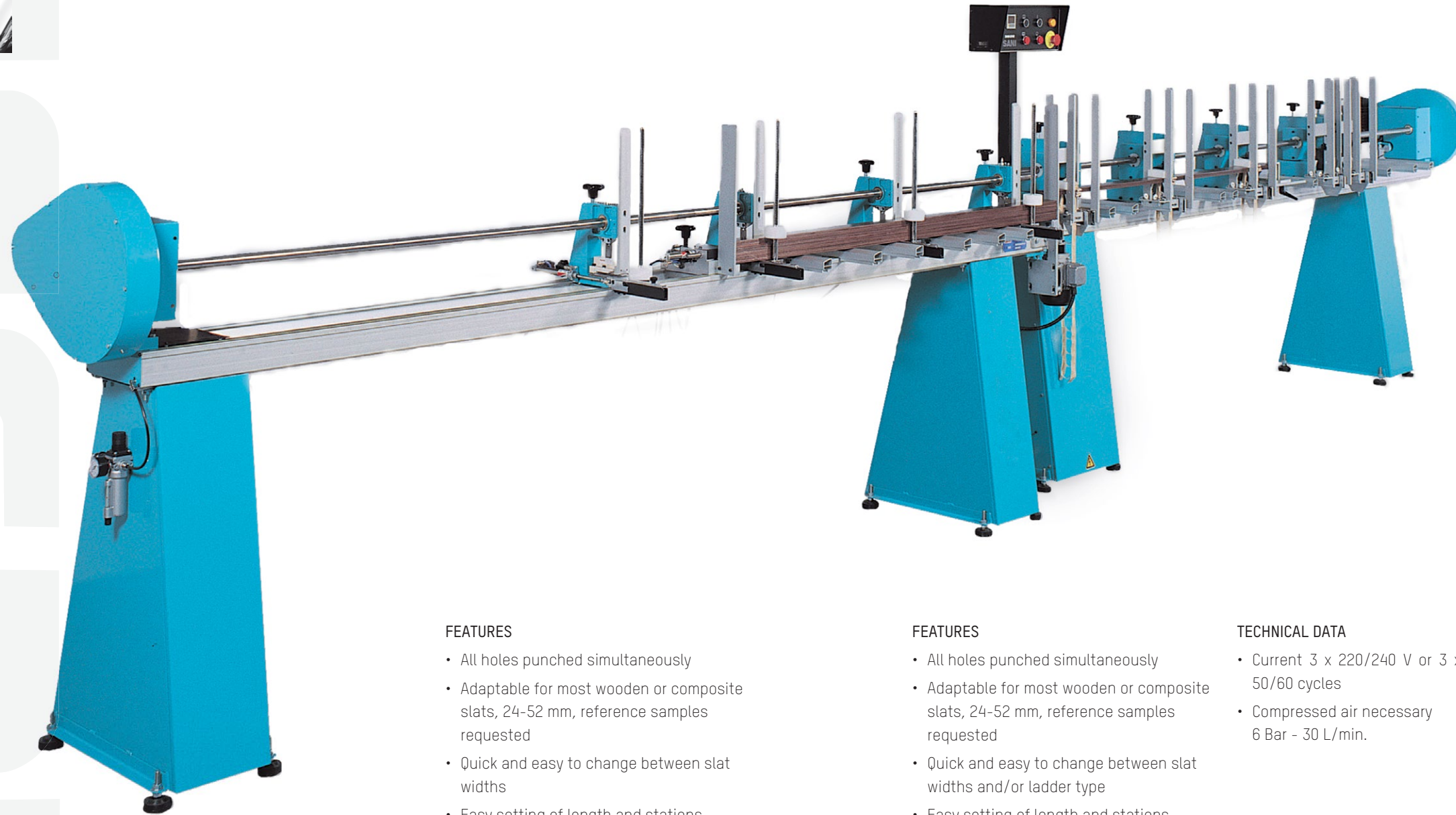
- Punching stations for side guiding holes

Wood slats width	25 mm, 35 mm, 50 mm
Max. length of wood slat	2500 mm
Number of punching stations	4
Min. distance from slat edge to first hole	70 mm
Power supply	3x400 V / 50-60 Hz
Installed power	0,75 kW
Net weight	160 kg
Gross weight	310 kg
Packing - 1 wood box	L = 2750 mm W = 670 mm H = 1670 mm





216WAF is fully automatic wood punching machine.

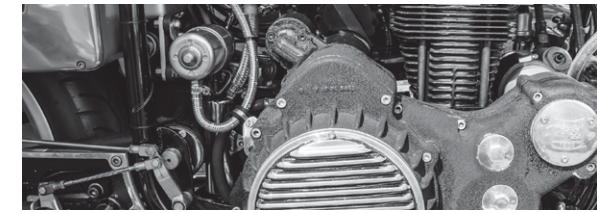


FEATURES

- All holes punched simultaneously
- Adaptable for most wooden or composite slats, 24-52 mm, reference samples requested
- Quick and easy to change between slat widths
- Easy setting of length and stations
- Easy to operate and maintain
- Interchangeable punches in hole punching dies
- Two punches supplied with each hole punch dies
- Spare punches available
- 216WAF can be upgrade to 216W-219W at later occasion

ADDITIONAL EQUIPMENT

- Speed control
- Spare parts kit
- Service agreement



216W-219W is fully automatic wood punching and threading machine.



FEATURES

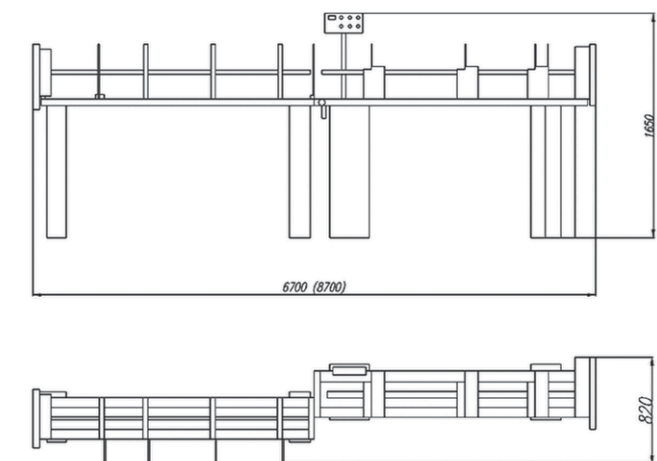
- All holes punched simultaneously
- Adaptable for most wooden or composite slats, 24-52 mm, reference samples requested
- Quick and easy to change between slat widths and/or ladder type
- Easy setting of length and stations
- Easy to operate and maintain
- Interchangeable punches in hole punching dies
- Two punches supplied with each hole punch dies
- Spare punches available

ADDITIONAL EQUIPMENT

- Magazines for woven laddertapes
- Light fittings with tray or board
- Speed control
- Spare parts kit
- Service agreement

TECHNICAL DATA

- Current 3 x 220/240 V or 3 x 380/415 V
50/60 cycles
- Compressed air necessary
6 Bar - 30 L/min.





The AVC3 is an easy to use, compact and automatic machine for cost effective production of vertical fabric vanes.

Cutting, punching and creasing is done in one cycle, minimising waste, reducing the cost of labour and required skill level.

It offers quick change between widths and accurate fabric measurement.

The AVC3 comes as a part of a comprehensive range of proven Magnum machinery. For years we are helping you increasing the range, capacity and efficiency of your production.

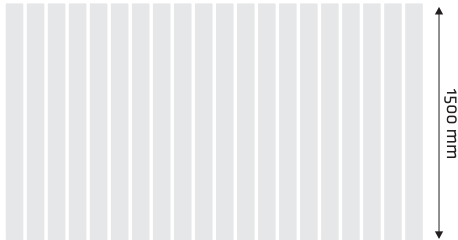
FEATURES

- Compact machine - requires minimum of space
- Cutting, punching and creasing in one cycle
- Bottom and top pocket electronically adjustable
- Excellent cost performance ratio
- The machine can be set up for 89 and 127 mm fabric
- Easy to change setup between sizes, thumb screw adjustment
- Programmable for window fit, vane size, swatches and sloped blinds
- Vanes collected on a hanger peg
- Easy to operate and maintain
- Professional technical support, spare parts and training



Max. vane length	10 m
Top pocket range	5-100 mm
Bottom pocket range	16-100 mm
Offset adjustment	0-100 mm
Fabric feeding speed	0,6 m/s
Current	single phase 230 V (50/60 Hz)
Pneumatic equipment included	approx. 6 bar at 150 L / min.
Overall size	Height = 1840 mm Width = 610 mm Depth = 500 mm

Standard blind
20 vanes production time - 130 s



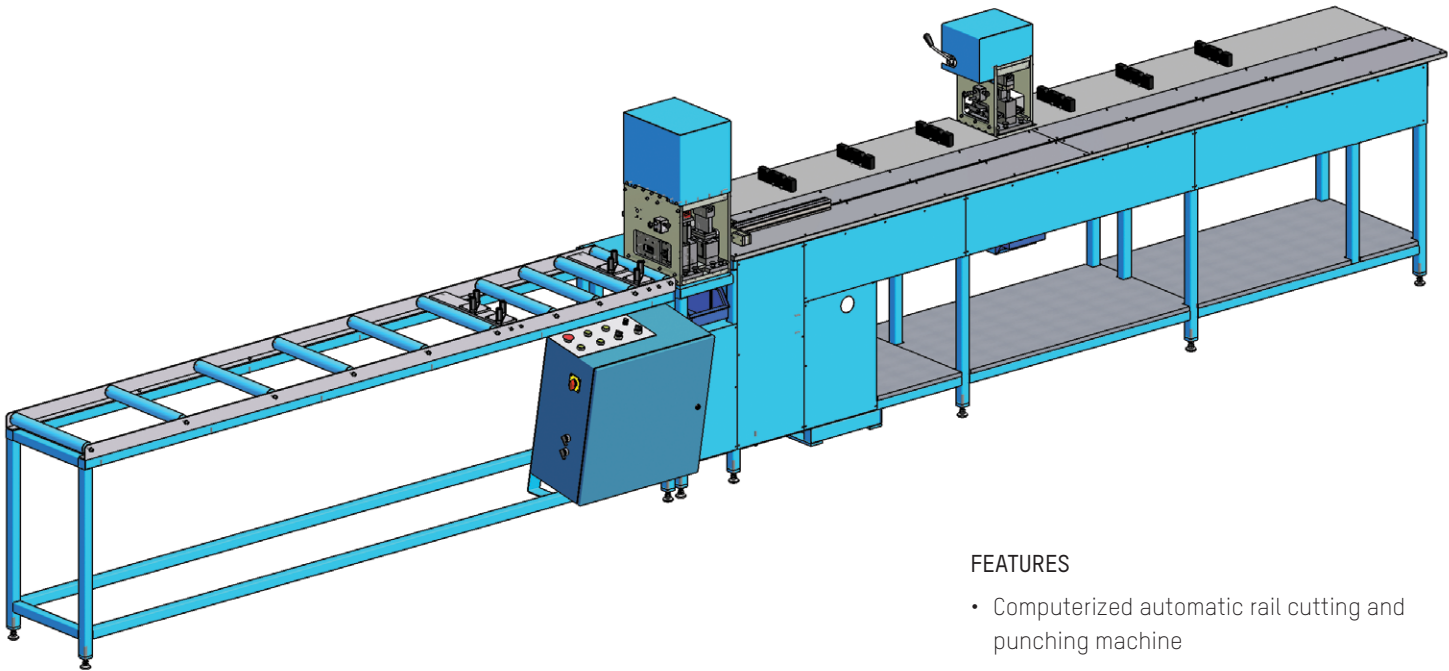
Curved blind
10 vanes production time - 65 s



Sloped blind
10 vanes production time - 70 s



Hydraulically powered rail-cutting and punching machinery computerized with manual feeding with interchangeable dies.



FEATURES

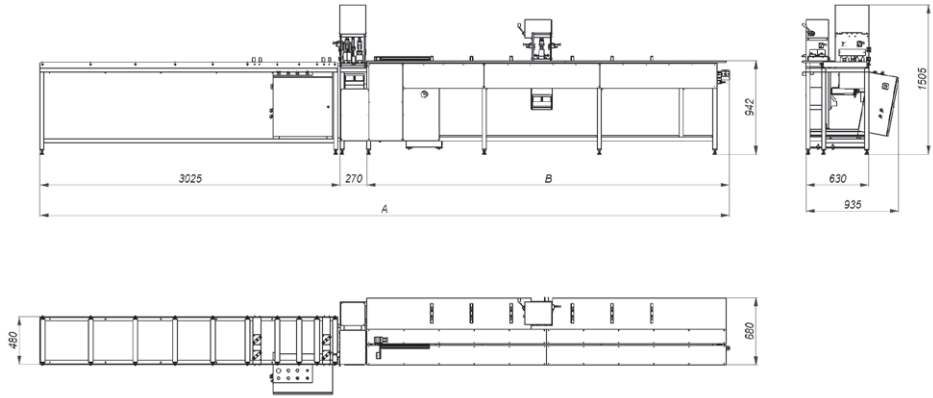
- Computerized automatic rail cutting and punching machine
- Interchangeable dies make it compatible with most rail systems
- Automatic calculation, only rail width must be entered
- Head- and bottom rail punched and cut At the same time as tilt rod
- Equipped with tools for punching cordlock and tilter holes
- Easy to operate and maintain
- Service and after sale support

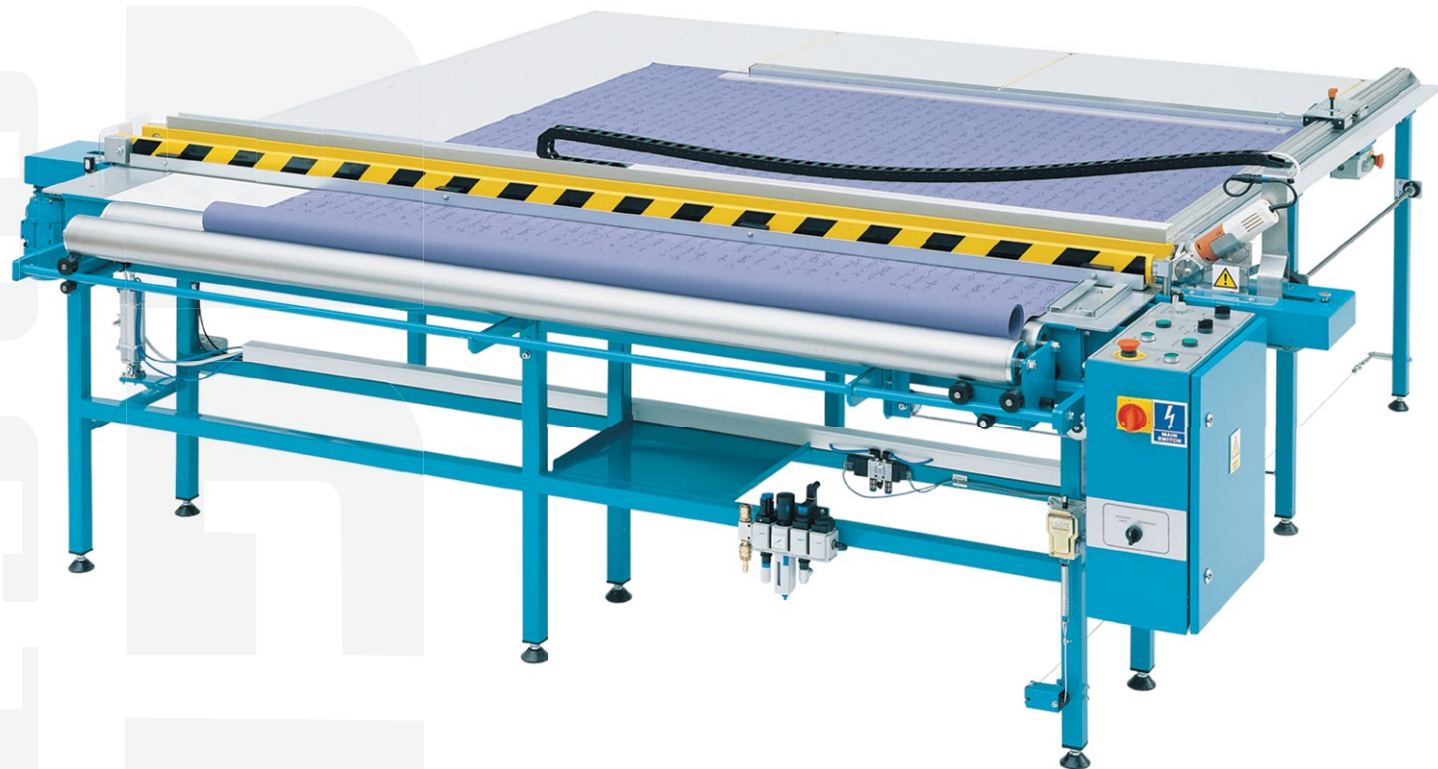
ADDITIONAL EQUIPMENT

- Software for barcode reader.
- Side guide hole dies with on/off function
- Sloped blinds application
- Machine programming directly from office PC
- Label Printer connection (i.g barcode stick labels)

TECHNICAL DATA

- Cut length - 3000, 4000, 5000 mm
- Current 3 x 380/415 V 50/60 Hz
- Weight - 780 kg





machine in the picture may be fitted with additional equipment



ADDITIONAL EQUIPMENT

- Ultrasonic cutting device

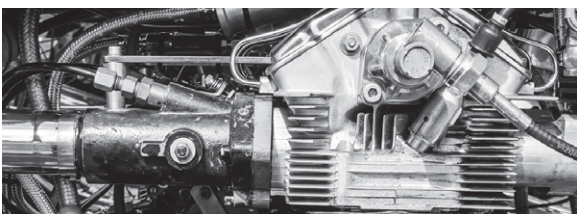
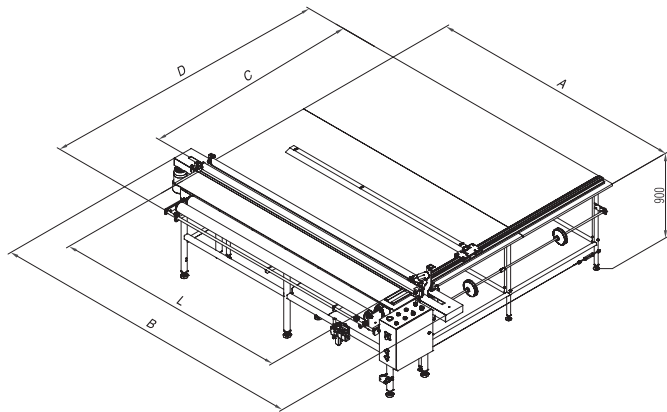
Max. fabric roll diameter	170 mm
Max. fabric roll weight	40 kg
Power supply	230 V / 50-60 Hz
Supplied air min. pressure	0,4 MPa
Air consumption	8 L / min.

Dimensions in mm				
Cut. lenght L	A	B	C	D
2600	3000	3650	3155	3715
3000	3400	4050	3155	3715
3500	3900	4450	4155	4715

Cut. lenght	Net weight	Gross weight	Packing 1 wood case
2600	580 kg	810 kg	L=375 cm x W=110 cm x H=145 cm
3000	610 kg	885 kg	L=415 cm x W=110 cm x H=145 cm
3500	715 kg	1050 kg	L=465 cm x W=116 cm x H=145 cm

FEATURES

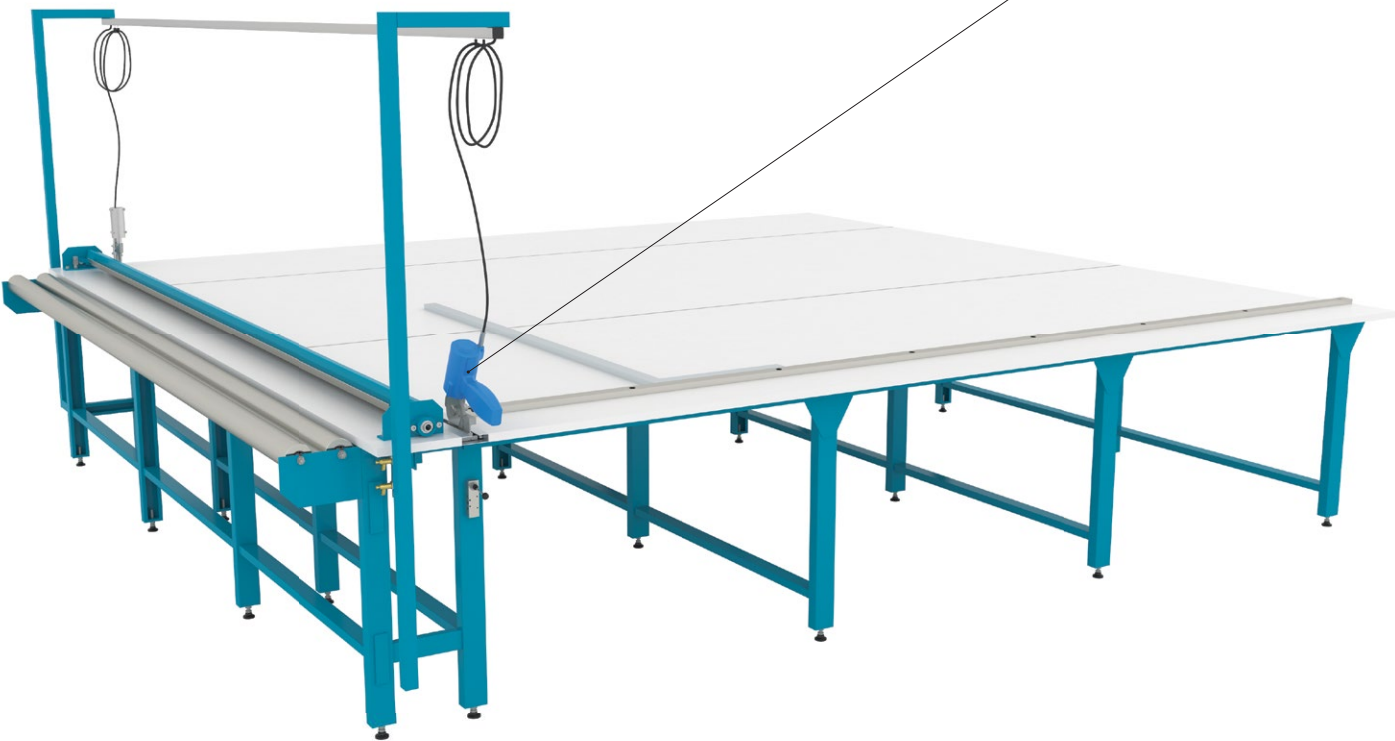
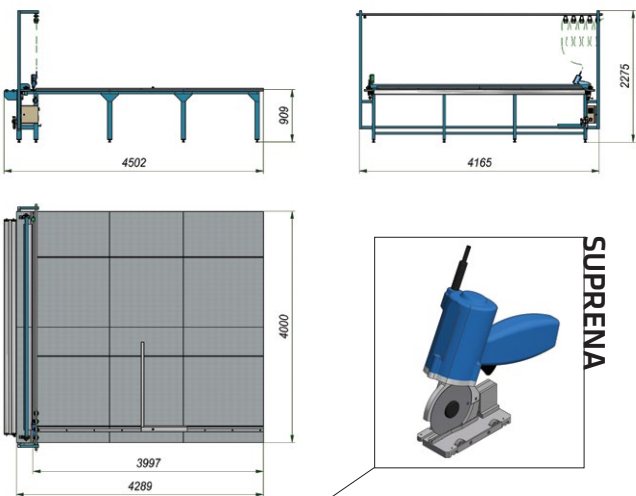
- The cutting table is designed for production of roller blinds
- Back lighted area enables easy fabric defects detection
- The fabric is cut by electric rotating knife
- Steel line controls the pneumatic pressure
- Movable carriage to correct fabric alignment
- Pneumatic pressing of fabric
- Automatic knife feeding




Manual Roller blinds cutting table
with electric rotating cutter

FEATURES

- Very stable framework with double – sided table tops proves proper geometry and stability
- Pneumatic fabric clamp system
- Top class rotating cutter Suprena
- Ultrasonic cutting device as an option (may be installed later)





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