beam saws

gabbiani v vs vsi range

vertical panel saws



REV. N. 00 - 08.2021

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woodworking technology

OUR VERTICAL HORIZONS

WITH US EFFICENCY REQUIRES A SMALL SPACE



6
GABBIANI V

10
GABBIANI VS

14
GABBIANI VSI

SUITABILITY



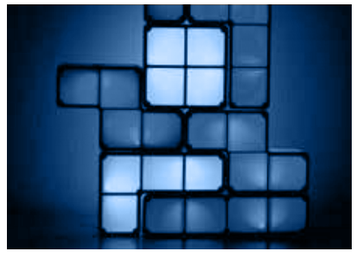
Thanks to the design that uses the work area in height, occupying only one wall, the vertical panel saws are adapted with extreme ease even for smaller environments, to meet diversified needs.

SAFETY



The vertical panel saw is a safe tool thanks to the covered casings that always avoids the direct contact of the operator with the blade carriages and the materials during every working phase.

VERSATILITY



A single operator is able to complete the job, thus guaranteeing an excellent investment even for companies with reduced personnel.

PRECISION



With an accuracy of 0,1 mm/m, quality that is unmatched by other cutting systems is always guaranteed.

CUSTOMIZATION



Multiple configurations and an extensive set of accessories ensure a high degree of customization.

20
Available options

24
Overall dimensions

TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

VERTICAL PANEL SAW WITHOUT SCORING BLADE

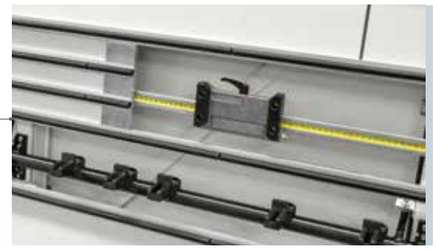


Metric scale for horizontal cutting dimensions (std v, vs, vsi)



Saw blade carriage unit without scoring blade

Models with maximum cutting depth from 60 to 80 mm



Additional stop (opt v, vs, vsi)



3 different movements of the worktable:
- Manual
- Electric
- Pneumatic



Digital horizontal measuring display (opt v, vs, vsi)



Digital vertical measuring display (opt v, vs, vsi)



Sliding support for narrow pieces (opt v, vs, vsi)



Mechanical positioners for horizontal cuts (std v, vs, vsi)



Lift-up rollers (std v, vs, vsi)

AVAILABLE MODELS
GABBIANI V

Standard equipment


N° 4 mechanical positioners for horizontal cuts


Panels sliding by means of lift-up rollers

GABBIANI V 25M

Manual moving worktable, with visual marker

Tilting bar to support small panels


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Manual moving worktable

GABBIANI V 32M

Manual moving worktable, with visual marker

Tilting bar to support small panels

N° 1 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Manual moving worktable

GABBIANI V 42M

Manual moving worktable, with visual marker

Tilting bar to support small panels

N° 1 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Manual moving worktable

GABBIANI V 25E

Automatic moving worktable ELECTRIC


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI V 32E

Automatic moving worktable ELECTRIC

N° 1 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI V 42E

Automatic moving worktable ELECTRIC

Tilting bar to support small panels

N° 2 stops for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI V 42A

Automatic moving worktable PNEUMATIC

Tilting bar to support small panels

N° 2 stops for vertical cuts

Sliding support for narrow pieces


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Automatic cutting execution


Automatic moving worktable

GABBIANI V 53E

Automatic moving worktable ELECTRIC

Tilting bar mm 4580 divided in 2 parts to support small panels

N° 2 stops for vertical cuts

Additional lower stop


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI V 53A

Automatic moving worktable PNEUMATIC

Tilting bar mm 4580 divided in 2 parts to support small panels

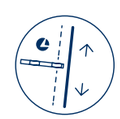
N° 1 stop for vertical cuts

Additional lower stop


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Automatic cutting execution


Automatic moving worktable

TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

VERTICAL PANEL SAW WITH PAIRED SCORING UNIT WITH 2 SAW BLADES



Metric scale for horizontal cutting dimensions (std v, vs, vsi)



Saw carriage with paired main and scoring blade



Control panel



3 different movements of the worktable:
- Manual
- Electric
- Pneumatic

Additional stop (opt v, vs, vsi)





Sliding support for narrow pieces (opt v, vs, vsi)



Mechanical positioners for horizontal cuts (std v, vs, vsi)

Lift-up rollers (std v, vs, vsi)



AVAILABLE MODELS
GABBIANI VS

Standard equipment


Scoring unit with 2 paired saw blades


Panels sliding by means of lift-up rollers


Tilting bar to support small panels

GABBIANI VS 32M

Manual moving worktable, with visual marker

N° 4 positioners for horizontal cuts
N° 1 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Manual moving worktable

GABBIANI VS 42M

Manual moving worktable, with visual marker

N° 4 positioners for horizontal cuts
N° 1 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Manual moving worktable

GABBIANI VS 32E

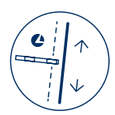
Automatic moving worktable: ELECTRIC

N° 4 positioners for horizontal cuts
N° 1 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI VS 42E

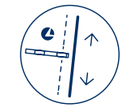
Automatic moving worktable: ELECTRIC

N° 4 positioners for horizontal cuts
N° 2 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI VS 42A

Automatic moving worktable: PNEUMATIC

N° 4 positioners for horizontal cuts
N° 2 stop for vertical cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Automatic cutting execution


Automatic moving worktable

TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

VERTICAL PANEL SAW WITH INDEPENDENT MOTORS FOR MAIN BLADE AND SCORER WITH MECHANICAL PLUNGING



Metric scale for horizontal cutting dimensions (std v, vs, vsi)

Vertical movement of the saw carriage on linear guides



Saw carriage with independent motors for main blade and scoring blade





Digital horizontal measuring display (opt v, vs, vsi)

2 different movements of the worktable:
- Electric
- Pneumatic



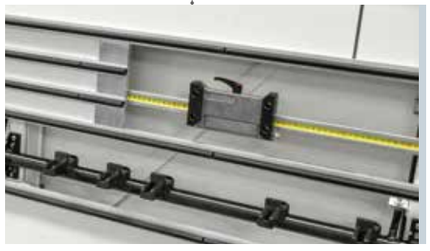
Sliding support for narrow pieces (opt v, vs, vsi)

Repeat cutting device for horizontal cuts (opt v, vs, vsi)





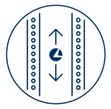
Lift-up rollers (std v, vs, vsi)



Additional stop (opt v, vs, vsi)

AVAILABLE MODELS
GABBIANI VSI

Standard equipment


Sliding of saw carriage on linear guides


Independent motor for scoring unit


Tilting bar to support small panels


Sliding support for narrow pieces

GABBIANI VSI 32E

Automatic moving worktable ELECTRIC

N° 4 positioners for horizontal cuts
N° 1 stop for vertical cuts

Scoring unit Ø 80mm, with independent motor with mechanical plunging


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI VSI 42E

Automatic moving worktable ELECTRIC

N° 4 positioners for horizontal cuts
N° 2 stops for vertical cuts

Scoring unit Ø 80mm, with independent motor with mechanical plungin


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable

GABBIANI VSI 42CSH

Automatic moving worktable PNEUMATIC

Clamping system for lifting panels up to 120 kg

N° 4 positioners for horizontal cuts
N° 2 stops for vertical cuts

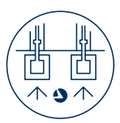
Scoring unit Ø 80mm, with independent motor with mechanical plungin


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable


Clamping system

GABBIANI VSI 42ACSH

Automatic moving worktable PNAUMATIC

Clamping system for lifting panels up to 120 kg

N° 4 positioners for horizontal cuts
N° 2 stops for vertical cuts

Scoring unit Ø 80mm, with independent motor with mechanical plungin

Panels sliding by means of lift-up rollers

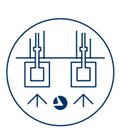
Pneumatic locking of the carriage for horizontal cuts


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Manual cutting execution


Automatic moving worktable


Clamping system

GABBIANI VSI 42A

Automatic moving worktable PNAUMATIC

Automatic VERTICAL and HORIZONTAL positioning and cutting

Pneumatic locking of the carriage

N° 4 positioners for horizontal cuts
N° 2 stops for vertical cuts

Scoring unit Ø 80mm, with independent motor with mechanical plunging

Panels sliding by means of lift-up rollers


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Automatic cutting execution


Automatic moving worktable

GABBIANI VSI 42AT

Automatic moving worktable PNAUMATIC

Automatic VERTICAL and HORIZONTAL positioning and cutting

Manual rotation of the saw blade unit

End-panel limit switch

Scoring unit Ø 80mm, with independent motor with mechanical plunging

Control panel with monitor

Programming system for horizontal cutting

Automatic movement and locking of the carriage for horizontal cuts

Automatic selection of reference point either to base blocks or small pieces tilting bar

Panels sliding by means of pneumatic lift-up rollers


Electro welded frame


Phenolic coated bottom supports and lift-up rollers


Automatic cutting execution


Automatic moving worktable


Touch screen monitor to guide the cutting

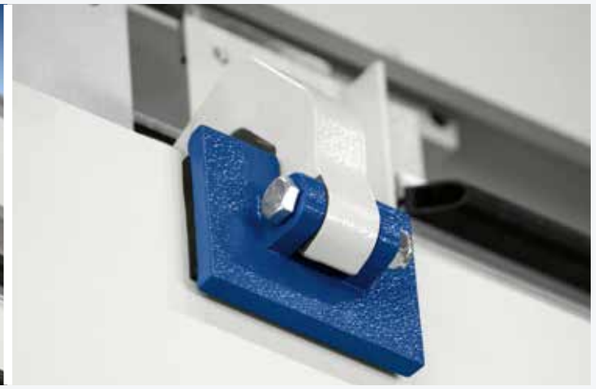
ADVANCED MODELS

GABBIANI VSI 42 CSH/ACSH

General features:

- Cutting inversion, which normally takes place from top to bottom, in this machine is reversible, thus making it possible to cut from bottom to top as well.
- Clamps capable of lifting panels up to 120 kg





TECHNICAL DATA		
Max length of horizontal cut	mm	4200
Max length of vertical cut	mm	4200 *4100 with Electronic vertical measuring display"
Max height of vertical cut	mm	2200
Max height of horizontal cut	mm	2030 2080 with clamps
Max cutting thickness	mm	35 60 with clamps
Motor power	kW (HP)	3,7 (5)
Blade diameter	mm	250
Rotating speed	rpm	5300

In the ACSH version the machine is equipped with a touch screen operator panel that allows visualization of the horizontal cutting dimensions and offers support to the operator during the cutting phases As in all semiautomatic machines in the range, vertical and horizontal cuts are performed automatically.

GABBIANI VSI 42 AT

General characteristics:

- Automatic vertical and horizontal cutting
- Manual rotation of the saw blade unit
- Adjustable feeding speed by inverter
- Automatic selection of horizontal reference point
- Pneumatic insertion of the saw blade
- Pneumatic locking of the carriage for horizontal cuts
- Diagnostic program and alarm function
- Programming system for horizontal cutting

TECHNICAL DATA		
Max length of horizontal cut	mm	4200
Max length of vertical cut	mm	4200 *4100 with Electronic vertical measuring display"
Max height of vertical cut	mm	2200
Max height of horizontal cut	mm	2080
Max cutting thickness	mm	60
Motor power	kW (HP)	4,5 (6)
Blade diameter	mm	250
Rotating speed	rpm	5300



Touch screen cutting optimizer

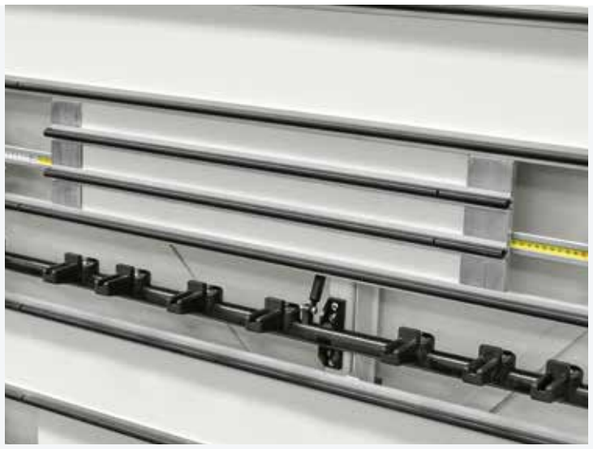
The **ONLY MACHINE** that meets the characteristics of **INDUSTRY 4.0**

SYSTEMIC APPROACH

INTEGRATED TECHNOLOGIES 4.0

SKILLS 4.0

AVAILABLE OPTIONS



Sliding support for narrow pieces



Repeat cutting device for horizontal cuts

Digital vertical measuring display



Side dust conveyor



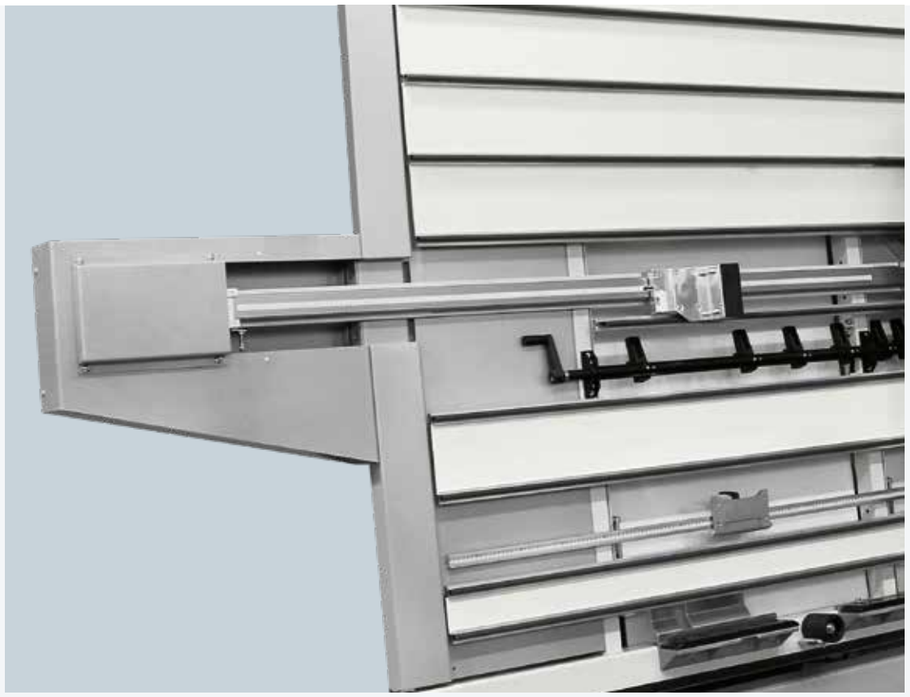


Digital horizontal measuring display

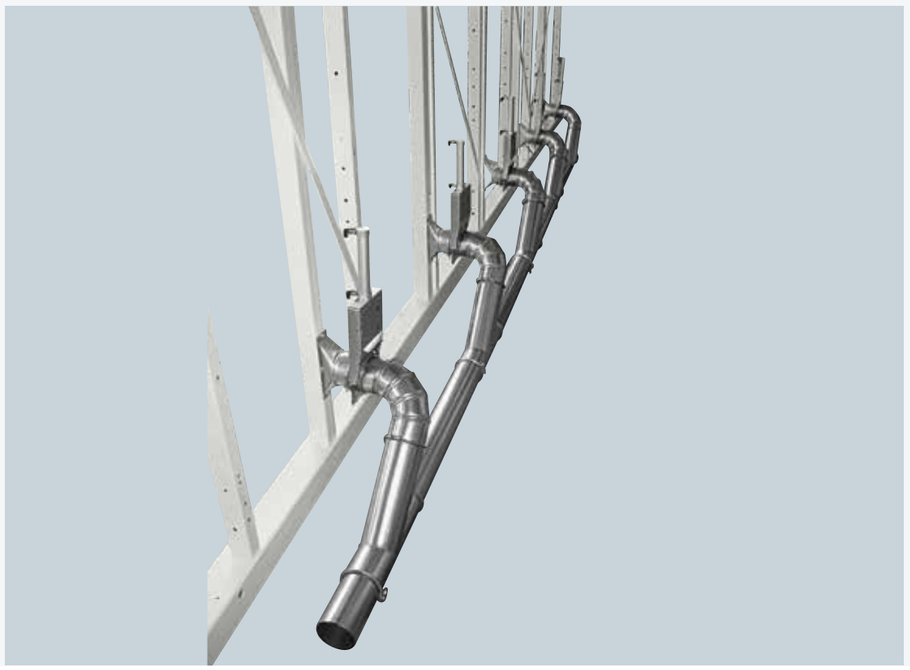


Vertical stop

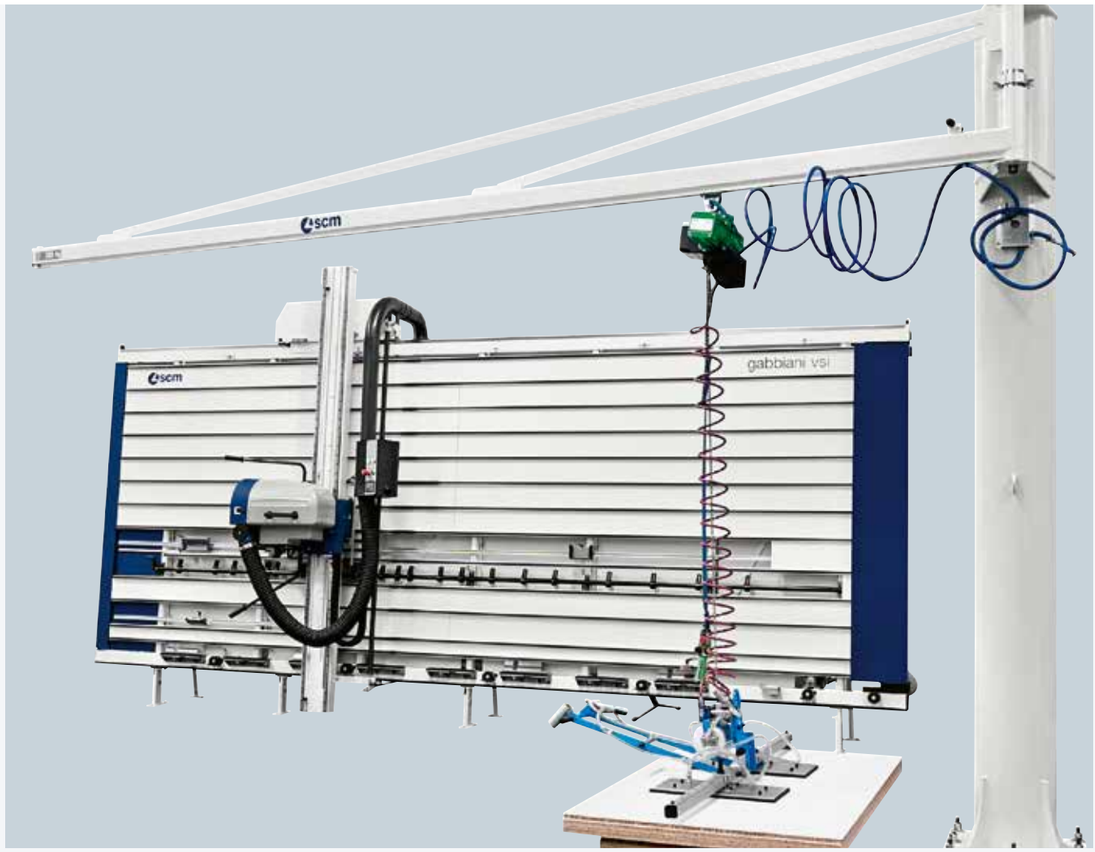
AVAILABLE OPTIONS



Posi-system:
electronic stop for vertical cuts



Kit System Eco
Dust collection management system

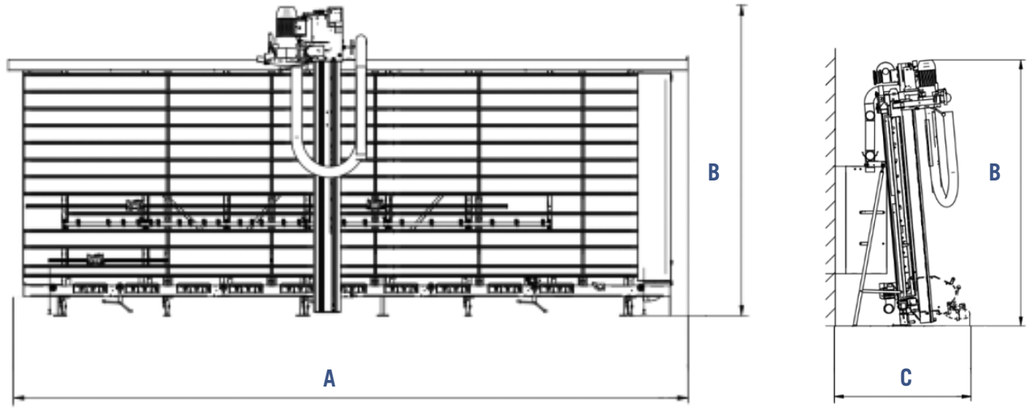


The machines can be combined with the Lifter to facilitate the loading of large panels so that the machine can be used without the use of a second operator

OTHER OPTIONS

- Additional stop
- Short pieces cutting device
- Depth stop
- Depth stop complete with pressure adjustment kit
- Wall version
- Wall options
- Corian Kit
- Scoring Unit with 2 Widia blades
- Inclined cutting device

OVERALL DIMENSIONS



GABBIANI V (mm)			
	A	B	C
2500x1600x60	3725	2334	1500
3200x1900x60	4630	2640	1500
4200x2200x60	5600	3010	1500
5300x2200x80	6550	3000	1500
GABBIANI VS (mm)			
3200x1900x60	4630	2640	1500
4200x2200x60	5600	3010	1500
5300x2200x80	6550	3000	1500
GABBIANI VSI (mm)			
3200x1900x60	4630	2640	1500
4200x2200x60	5600	3010	1500
5300x2200x80	6550	3000	1500

GABBIANI V

TECHNICAL DATA		V25	V32	V42	V53
Max length of horizontal cut	mm	2500	3200	4200	5300
Max length of vertical cut	mm	2200	3200	4200	5200
Max height of vertical cut	mm	1600	1900	2080	2200
Max height of horizontal cut	mm	1400	1700	2080	2100
Max cutting thickness	mm	60	60	60	80
Worktable movement		Manual	Manual	Manual	
		Electric	Electric	Electric	Electric
				Pneumatic	Pneumatic
SAWBLADE CARRIAGE					
Motor power	kW (HP)	3,7 (5)	3,7 (5)	3,7 (5)	5,6 (7,5)
Blade diameter	mm	250	250	250	300
Rotating speed	rpm	5300	5300	5300	5000
Mechanical positioners for horizontal cuts		4	4	4	4
Stops for vertical cuts		1	1	1	2

GABBIANI VS

TECHNICAL DATA		VS32	VS42
Max length of horizontal cut	mm	3200	4200
Max length of vertical cut	mm	3200	4200
Max height of vertical cut	mm	1900	2080
Max height of horizontal cut	mm	1700	2080
Max cutting thickness	mm	60	60
Worktable movement		Manual	Manual
		Electric	Electric
			Pneumatic
SAWBLADE CARRIAGE			
Motor power	kW (HP)	3,7 (5)	3,7 (5)
Blade diameter	mm	250	250
Rotating speed	rpm	5300	5300
Mechanical positioners for horizontal cuts		4	4
Stops for vertical cuts		1	1

GABBIANI VSI

TECHNICAL DATA		VSI32	VSI42
Max length of horizontal cut	mm	3200	4200
Max length of vertical cut	mm	3200	4200
Max height of vertical cut	mm	1900	2080
Max height of horizontal cut	mm	1700	2080
Max cutting thickness	mm	60	60
Worktable movement		Electric	Electric
			Pneumatic
SAWBLADE CARRIAGE			
Motor power	kW (HP)	3,7 (5)	3,7 (5)
Blade diameter	mm	250	250
Rotating speed	rpm	5300	5300
Mechanical positioners for horizontal cuts		4	4
Stops for vertical cuts		1	1



scm | service

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- Scheduled maintenance contracts
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- Software and programming courses
- Training in production start-up

SPARE PARTS

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- E-shop
- Interactive spare-parts catalogues
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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

CONTACT

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My Scm

THE STRONGEST WOOD TECHNOLOGIES ARE IN OUR DNA

SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND
Over 65 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.

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

SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL MACHINES AND COMPONENTS

INDUSTRIAL MACHINERY

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

- scm — WOODWORKING TECHNOLOGIES
- Cms — TECHNOLOGIES FOR PROCESSING COMPOSITE MATERIALS, ALUMINIUM, PLASTIC, GLASS, STONE, METAL

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 woodworking technology | is more