

## Vacuum Blocks VCBL-B

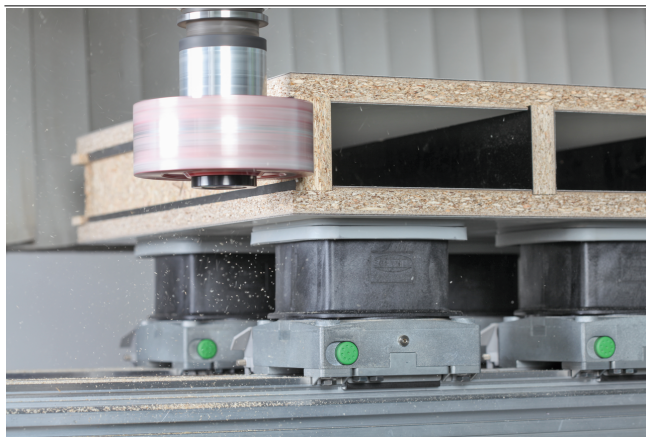
Height 29 mm, 48 mm and 74 mm



Vacuum Blocks VCBL-B



System design Vacuum Blocks VCBL-B



Vacuum blocks VCBL-B for gripping particle boards

### Suitability for industry specific applications

#### Applications

- Hose-free vacuum clamping system from Schmalz for console tables from Biesse (single-circuit system)
- Fully compatible with the OEM vacuum blocks, allowing mixed operation
- The vacuum blocks can be inserted in any direction in 15° increments in the standard mountings
- Clamping straps on the vacuum block ring and magnets ensure secure fixation in the vacuum block mounting
- The integrated touch valve allows vacuum blocks that are not currently in use to remain on the machine table

#### Design

- Top suction plate (1) for fixing the workpiece
- Robust main body (2) made of plastic
- Mechanical clamp (3)
- Touch valve (4) made of soft plastic
- Heights of 29 mm and 48 mm (for three and four-axis machines) and additionally 74 mm (for five-axis machines)

#### Product highlights

- Highest holding forces in wood applications thanks to optimized seals and friction pads
- Highest dimensional accuracy for more precision in the production process
- More flexibility and short set-up times, as it is quick and easy to position (can be rotated in steps of 15°)
- Suction plates can be replaced quickly, easily and economically without tools

## Vacuum Blocks VCBL-B

Height 29 mm, 48 mm and 74 mm

### Designation code Vacuum Blocks VCBL-B

<b>VCBL-B</b>	–	<b>140x130</b>	–	<b>x74</b>	–	<b>TV</b>
<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>

#### 1 – Abbreviated designation

Code	Type
VCBL-B	Vacuum block, Biesse system

#### 2 – Suction area

Code	LxW in mm
140x30...	140x30 to 130x30
130x30	

#### 3 – Height

Code	Height in mm
x29...x74	29 to 74

#### 4 – Product addition

Code	Type
TV	With touch valve













The vacuum block VCBL-B is delivered assembled. The product consists of:

- Top suction plate type VCSP-O - elastomer part, available in various dimensions and suction surfaces
- Main body made of plastic
- Plastic adapter ring




Available spare parts: suction plate (top) VCSP-O, wear part set, touch valve TV, adapter ring

Available accessories: suction plate (top) foam rubber

### Ordering data Vacuum Blocks VCBL-B

Type	Dimensions (LxW):									
	140x130		125x75		120x50		130x30			
VCBL-B	29	TV	10.01.12.03165		10.01.12.03166		10.01.12.03167		10.01.12.03168	
VCBL-B	48	TV	10.01.12.03169		10.01.12.03170		10.01.12.03171		10.01.12.03172	
VCBL-B	74	TV	10.01.12.03173		10.01.12.03174		10.01.12.03175		10.01.12.03176	



### Ordering data Spare parts Vacuum Blocks VCBL-B

Type	Spare parts			Part no.
VCBL-B	140 x 130	Suction plate (top)	VCSP-O 140x130x16.5	10.01.12.02325 
VCBL-B	125 x 75	Suction plate (top)	VCSP-O 125x75x16.5	10.01.12.00011 
VCBL-B	120 x 50	Suction plate (top)	VCSP-O 120x50x15.5	10.01.12.00012 
VCBL-B	130 x 30	Set of parts subject to wear	VST VCSP 130x30	10.01.12.02348

Type	Spare parts		Part no.
VCBL-B	Touch Valve	TV D9 4.3	10.01.12.02514

Type	Spare parts		Part no.
VCBL-B	Adapter ring	ADP-RING-100.5x15.5-VCBL-B	10.01.12.03345

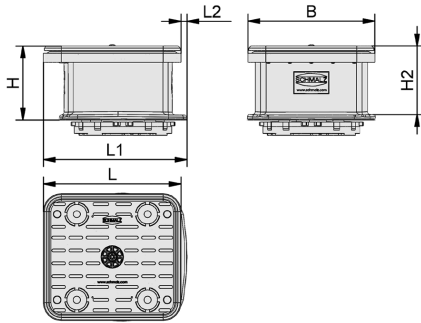
### Ordering data Accessories Vacuum Blocks VCBL-B

Type	Accessories			Part no.	
VCBL-B	140x130	Suction plate (top)	Foam rubber suction plate	VCSP-O 140x130x18.3 MOS	10.01.12.03506 
VCBL-B	125x75	Suction plate (top)	Foam rubber suction plate	VCSP-O 125x75x17.7 MOS	10.01.12.03511 

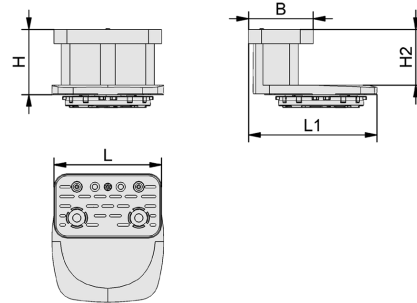
# Vacuum Blocks VCBL-B

Height 29 mm, 48 mm and 74 mm

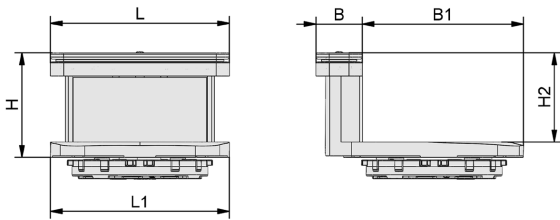
## Design data Vacuum Blocks VCBL-B



VCBL-B 140x130



VCBL-B 120x50 - VCBL-B 125x75



VCBL-B 130x30

## Vacuum Blocks VCBL-B

Height 29 mm, 48 mm and 74 mm

### Design data Vacuum Blocks VCBL-B

Type	B [mm]	B1 [mm]	H [mm]	H2 [mm]	L [mm]	L1 [mm]	L2 [mm]
VCBL-B 140x130x29 TV	129	-	29	26	140	146	6
VCBL-B 125x75x29 TV	75	-	29	19	125	146	-
VCBL-B 120x50x29 TV	50	-	29	19	120	146	-
VCBL-B 130x30x29 TV	34	117	29	19	130	130	-
VCBL-B 140x130x48 TV	129	-	48	44	140	146	6
VCBL-B 125x75x48 TV	75	-	48	38	125	146	-
VCBL-B 120x50x48 TV	50	-	48	38	120	146	-
VCBL-B 130x30x48 TV	34	117	48	38	130	151	-
VCBL-B 140x130x74 TV	129	-	74	70	140	146	6
VCBL-B 125x75x74 TV	75	-	74	64	125	149	-
VCBL-B 120x50x74 TV	50	-	74	64	120	146	-
VCBL-B 130x30x74 TV	34	117	74	64	130	130	-

### Multimedia product presentation

Medium	Link
Product video	<a href="https://vimeo.com/178568576">https://vimeo.com/178568576</a> <a href="https://vimeo.com/194826873">https://vimeo.com/194826873</a> <a href="https://vimeo.com/193850139">https://vimeo.com/193850139</a> <a href="https://vimeo.com/260009196">https://vimeo.com/260009196</a>