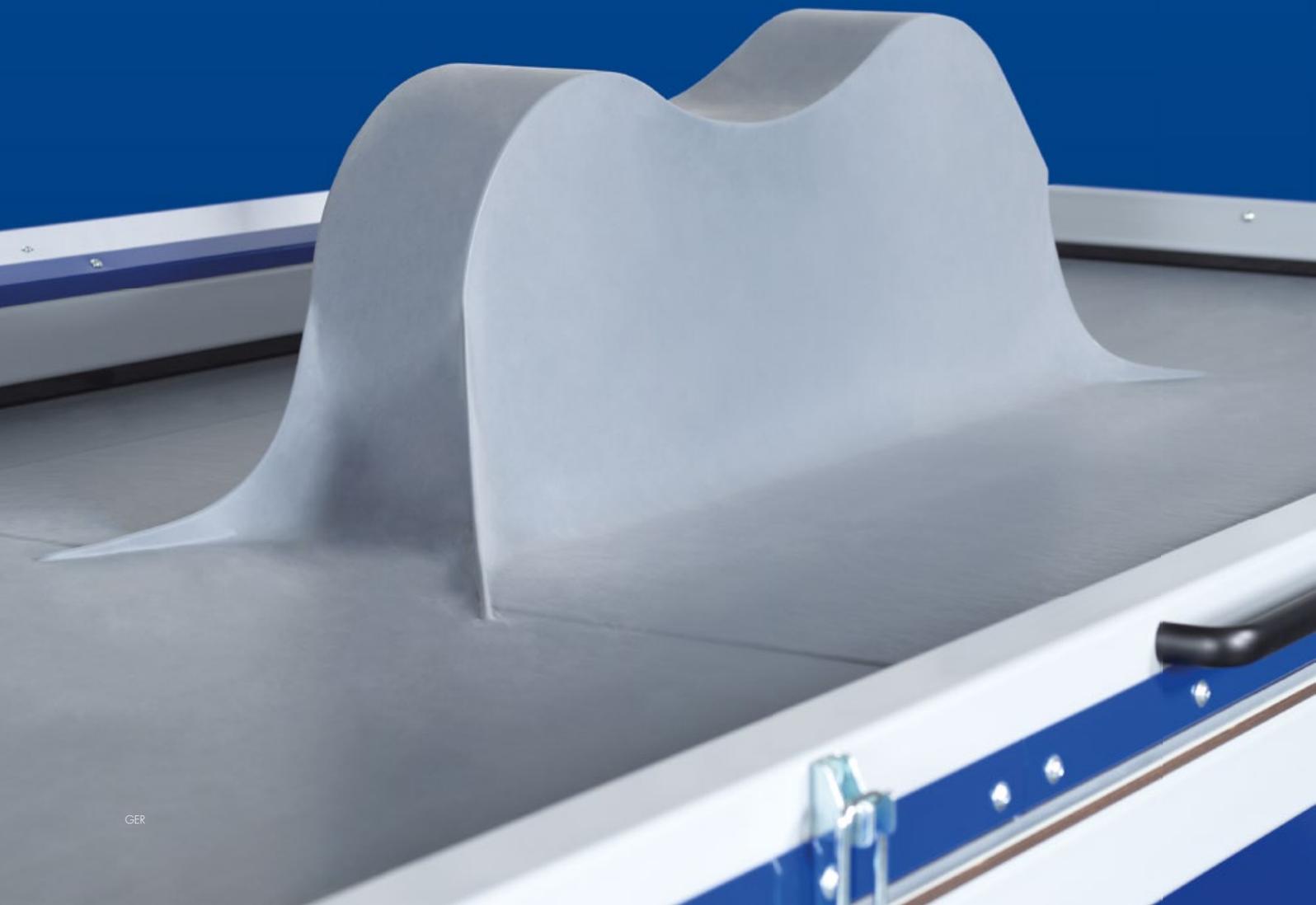


**FELDER®**

# **MVP 31.14 flex**

MULTIFUNCTIONAL AND FLEXIBLE,  
THE FELDER MEMBRANE PRESS MVP  
31.14 IS THE IDEAL VACUUM PRESS  
FOR EVERY WORKSHOP OF ANY SIZE



**FELDER®**



# MVP 31.14 flex

Multifunctional and flexible, the Felder membrane press MVP 31.14 is the ideal vacuum press for every workshop of any size



Solid wood



Panel material



Plastic



## MVP 31.14 flex

- » Membrane vacuum press for form gluing
- » Frame inside dimensions 3170 x 1440mm
- » Tilttable work table made of HPL
- » Highly elastic pressing membrane made of rubber
- » Oil-lubricated vacuum pump 40m<sup>3</sup>
- » Chassis

Whether it is about veneering, covering workpieces with laminates, form gluing, wrapping workpieces or gluing on edges, the Felder MVP 31.14 membrane press was developed to meet the highest demands in trade, commerce, and industry.

The principle of the working process is based on vacuum under the rubber membrane, which adapts precisely to the workpiece below and builds up the pressure required for the gluing. With a swivelling worktable and rolling carriage as the standard configuration, the Felder MVP 31.14 vacuum press is ideal for the use in large and even very small workshops.

## ... Your decision for Felder, a risk-free decision

- » The right machine for every budget
- » Complete reliability in professional use
- » Tailor made machine solutions
- » High quality cast iron machine table and aggregates
- » Innovative detail solutions derived from 65 years of experience – already included in the standard configuration
- » First class manufacturing and finishing standards
- » Intuitive application concepts
- » Modern, distinct design
- » Quality and precision from AUSTRIA
- » Powerful and efficient
- » Complete package: Comprehensive service support

# The most important highlights at a glance



FELDER Highlight

### Space-saving and flexible

Thanks to the swivelling worktable, the machine can be set up in a space-saving manner while still offering maximum flexibility thanks to its chassis.



FELDER Highlight

### Fast working processes

Thanks to the powerful oil-lubricated vacuum pump with 40 or 48 m<sup>3</sup>/h (60Hz), the required pressing power is built up rapidly. The oil lubrication guarantees both the highest durability and pressing quality at greater installation heights over 800 m above sea level in the event of moisture escaping during the pressing process.

## Details



### Tilting worktable

Thanks to the swivelling worktable, the machine can be set up in a space-saving manner while still offering maximum flexibility thanks to its chassis.



FELDER Highlight

### Optimum press results

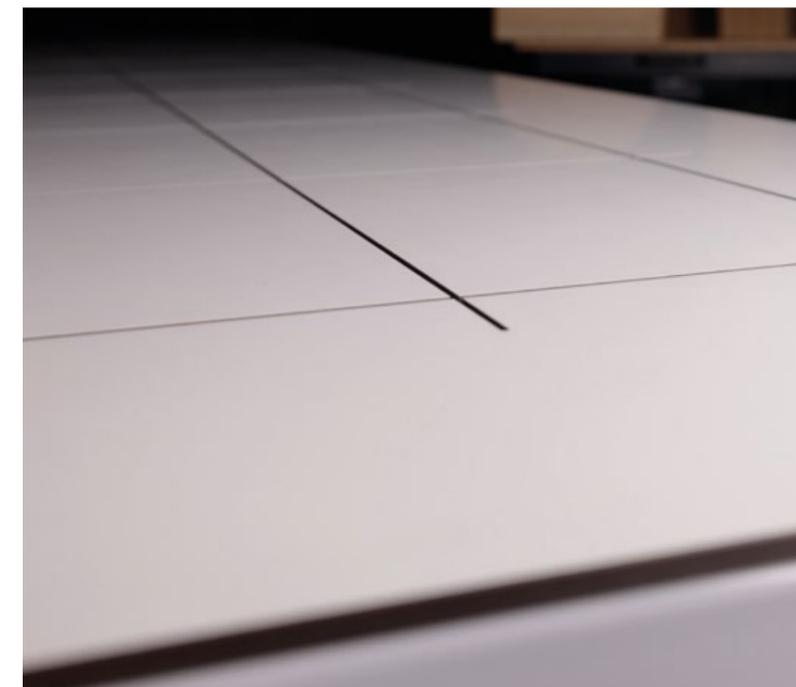
The HPL working surface with vacuum channels guarantees uniform negative pressure, even when processing larger workpieces.



FELDER Highlight

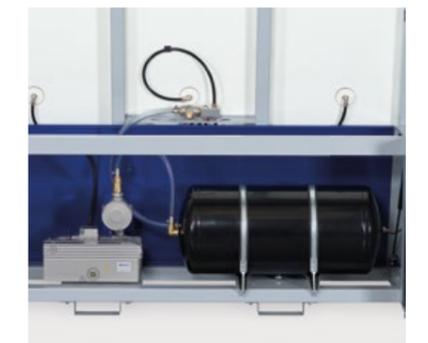
### Process-safe handling

The relocation of the pivot point beyond the worktable enables uncomplicated clamping of large, high workpieces. Additionally, this significantly reduces the risk of a workpiece slipping.



### HPL worktable with vacuum channels

The HPL working surface with vacuum channels guarantees uniform negative pressure, even when processing larger workpieces.



### Oil-lubricated vacuum pump

Thanks to the powerful oil-lubricated vacuum pump with 40 or 48 m<sup>3</sup>/h (60Hz), the required pressing power is built up rapidly. The oil lubrication guarantees both the highest durability and pressing quality at greater installation heights over 800 m above sea level in the event of moisture escaping during the pressing process.

**Simple operation**

The quick, simple and clear control panel of the MVP 31.14 flex enables uncomplicated handling at the machine.

**Press frame with membrane**

A massive press frame, including a 2–2.5 mm rubber membrane with an expandability of 700%, allows optimum machining of large, high workpieces. The steel construction made up of 60x80 mm profile tubes guarantees maximum stability.

**Comfort clamping**

The stable construction allows for the press frame to be clamped with only 2 clamping levers, thus saving time and unnecessary movements.

**Technische Daten**

		MVP 31.14 flex
<b>Electrical setup</b>		
001	3x 400 V	S
002	3x 230 V motor voltage	W
<b>Control Systems</b>		
-	Manual control panel	S
<b>Membrane press</b>		
-	Swiveling worktable 3290 x 1560mm	S
-	Frame internal dimensions 3170 x 1440mm	S
-	HPL vacuum table with channels	S
-	2- 2.5mm rubber membrane with press frame	S
-	Press frame with offset pivot point	S
-	Landing gear	S
<b>Vacuum system</b>		
-	Rotary vane vacuum pump U5.40 /O-50 XL K	S
-	Vacuum performance 40m <sup>3</sup> /h and 48m <sup>3</sup> /h at 60 Hz	S
-	Oil /Air Cooler	S
-	Vacuum tank 100L	S
<b>General</b>		
-	Machine packing dimensions in mm (length x width)	3370x1865x1100
24	Dimensions mm (L x W x H)	3360x760x2020
25	Weight kg (with standard configuration)	540
<b>Transport</b>		
-	Preparation for container	S

**Product range**

Sliding Table Panel Saws



K 945 S    K 740 S    K 740 professional    K 700 S    K 700 professional    K 700    K 540 S    K 500 S    K 500 professional    K 500

Spindle Moulders



F 900 M    F 900 Z    F 700 M    F 700 Z    F 500 MS    F 500 M

Saw-Shapers



KF 700 S professional    KF 700 professional    KF 700    KF 500 professional    KF 500

Planers



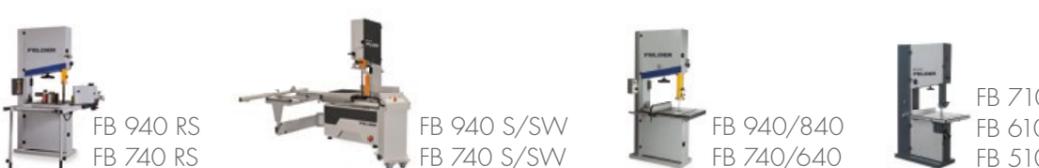
AD 951    AD 941    AD 741    AD 531    A 951 L    A 941    D 951    D 963

Combination machines



CF 741 S professional    CF 741 professional    CF 741    CF 531 professional    CF 531

Bandsaws



FB 940 RS    FB 740 RS    FB 940 S/SW    FB 740 S/SW    FB 940/840    FB 740/640    FB 710    FB 610    FB 510

Dowel Boring Machine, Drilling Machine and Horizontal Mortiser



FD 29 professional    FD 21 professional    FD 250

Heated Veneer Presses



MVP 31.14 flex

Wide Belt Sanding Machines



FW 1102 perform    FW 1102 classic    FW 950 classic    FW 850 classic

Brushing Machine



structura 60.02    structura 40.02

Belt and Edge Sanders



FS 722    FS 900 KF    FS 900 K    FS 700 K

Edgebanders



G 560 / G 580 classic    G 500 EX    G 480    G 380    G 360    G 330    G 263    G 220    ForKa 300 S eco

Vertical panel saw



KV 925

Extraction Units & Briquetting Presses



RL 350    RL 300    RL 250    RL 200    RL 160    RL 140    RL 125    FBP 50/60/70    AF 22-D200    AF 22 Mobil/Stand/Wandmontage    AF 16    AF 14    AF 12

# FELDER®

## FELDER. Quality and precision in a nutshell

Since 1956, a guarantee for perfect results with excellent ease of use and reliability in regular professional use. Woodworkers are always enthusiastic about the individual and solid solutions for small and mid-sized businesses.

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