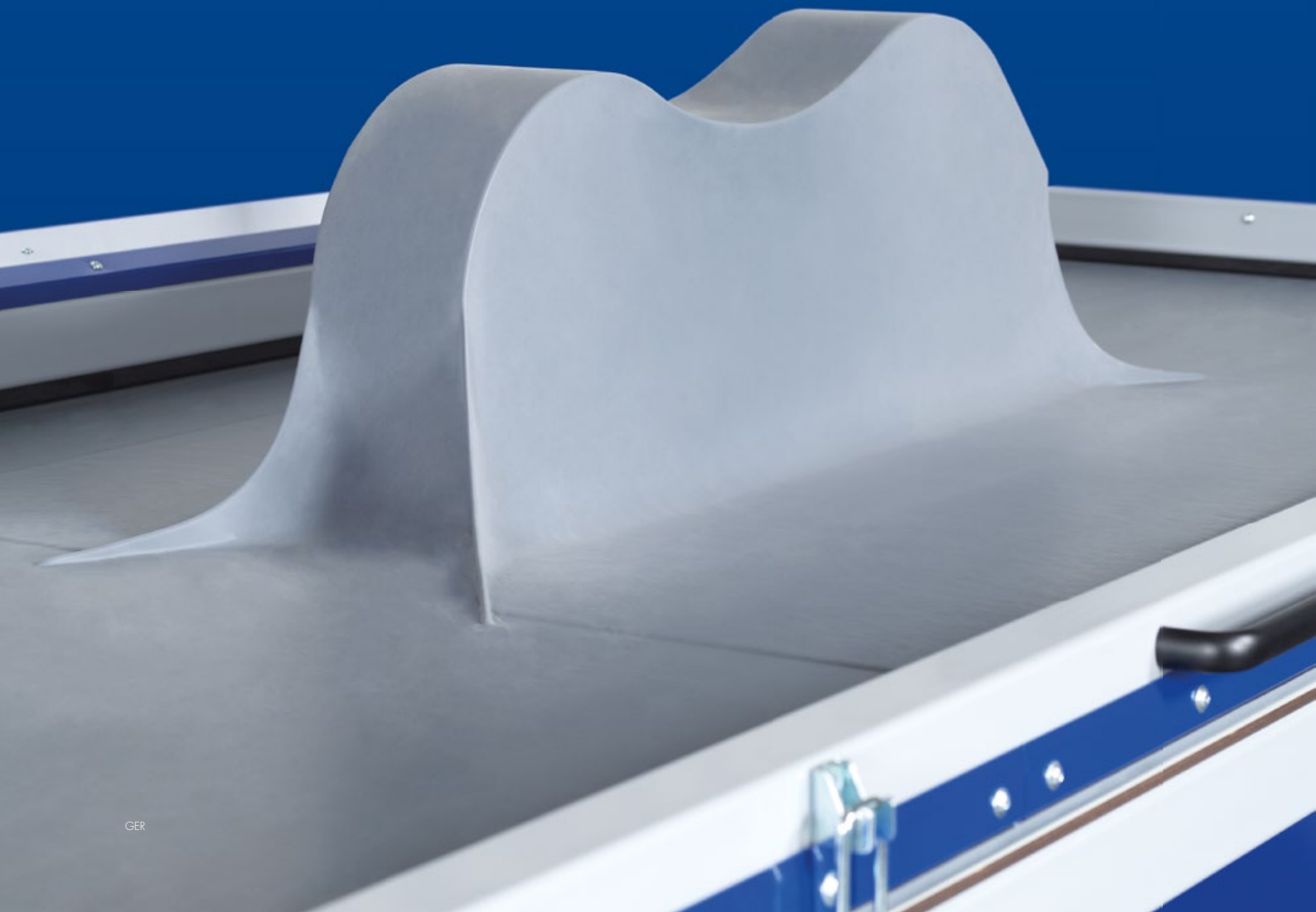


**FELDER®**

# **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

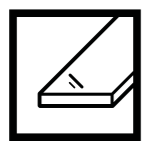
Multifunctional and flexible, the Felder membrane press MVP 31.14 is the ideal vacuum press for every workshop of any size



Solid wood



Panel material



Plastic



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.



## MVP 31.14 flex

- » Membrane vacuum press for form gluing
- » Frame inside dimensions  $124^{51/64} \times 56^{11/16}$ " (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

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

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>» The right machine for every budget</li> <li>» Complete reliability in professional use</li> <li>» Tailor made machine solutions</li> <li>» High quality cast iron machine table and aggregates</li> <li>» Innovative detail solutions derived from 65 years of experience – already included in the standard configuration</li> </ul> | <ul style="list-style-type: none"> <li>» First class manufacturing and finishing standards</li> <li>» Intuitive application concepts</li> <li>» Modern, distinct design</li> <li>» Quality and precision from AUSTRIA</li> <li>» Powerful and efficient</li> <li>» Complete package: Comprehensive service support</li> </ul> |
|--|---|

# The most important highlights at a glance



## 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.



## Fast working processes

Thanks to the powerful oil-lubricated vacuum pump with 40 or 48 m³/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.



## Optimum press results

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



## Process-safe handling

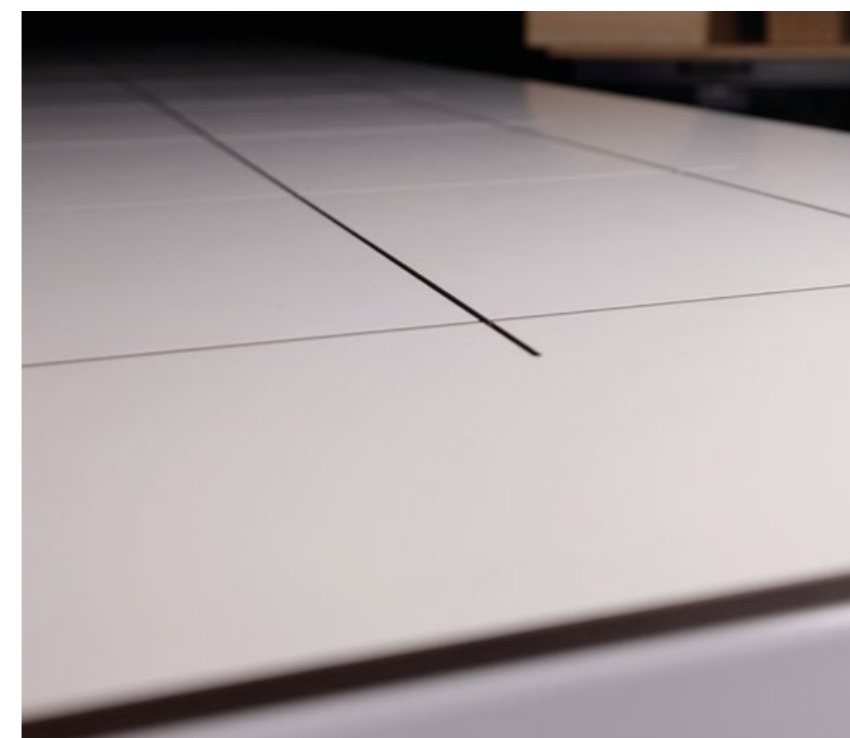
The relocation of the pivot point beyond the worktable enables uncomplicated clamping of large, high workpieces. Additionally, this significantly reduces the risk of a workpiece slipping.

# Details



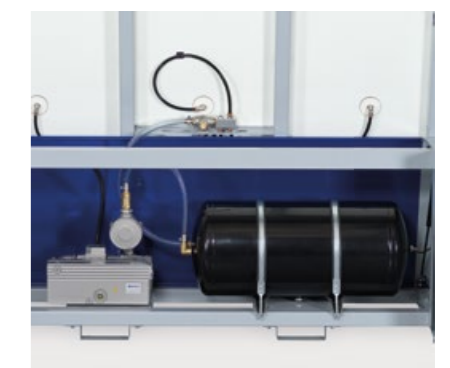
## Tilting worktable

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.



## 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 m³/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.

Technical Data

Electrical setup		MVP 31.14 flex
001	3x 400 V	S
002	3x 230 V motor voltage	W

Control Systems		
-	Manual control panel	S

Membrane press		
-	Swiveling worktable 129 <sup>17</sup> / <sub>32</sub> x 61 <sup>27</sup> / <sub>64</sub> " (3290 x 1560mm)	S
-	Frame internal dimensions 61 <sup>27</sup> / <sub>64</sub> x 56 <sup>11</sup> / <sub>16</sub> " (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

Vacuum system		
-	Rotary vane vacuum pump U5.40 /O-50 XL K	S
-	Vacuum performance 40m³ /h and 48m³ /h at 60 Hz	S
-	Oil /Air Cooler	S
-	Vacuum tank 100L	S

General		
-	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

Transport		
-	Preparation for container	S

Product range

Sliding Table  
Panel Saws



Spindle Shapers



Saw-Shapers



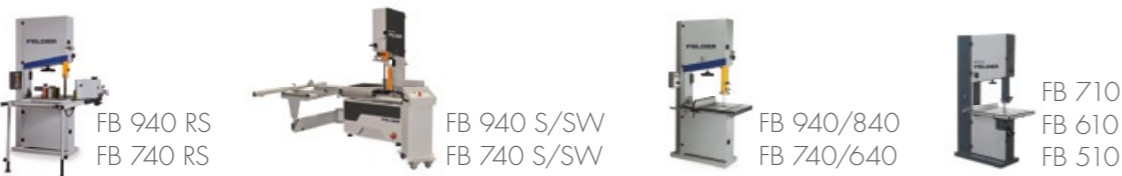
Planers



Combination  
machines



Bandsaws



Dowel Boring Machine,  
Drilling Machine and  
Horizontal Mortiser



Heated  
Veneer  
Presses



Wide Belt Sanding  
Machines



Brushing  
Machine



Belt and  
Edge Sanders



Edgebanders



Vertical  
panel saw



Extraction Units &  
Briquetting Presses





## **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.

### **FELDER GROUP**

KR-Felder-Straße 1  
A-6060 HALL in Tirol

☎ Tel. +1 866-792-5288

[www.felder.us](http://www.felder.us)

[Contact](#)