

Laying

Fast and easy assembly

Fox, the multi-functional natural rubber key is simply inserted by hand into the pre-cut key-pockets on the rear side of the planks. Piece by piece, until the desired surface area is achieved.

Finally, the borders will be finished. You just choose the single sided Fox, which functions additionally as a support. Ready.

It really works fast – just like a board-game for children – in record time.

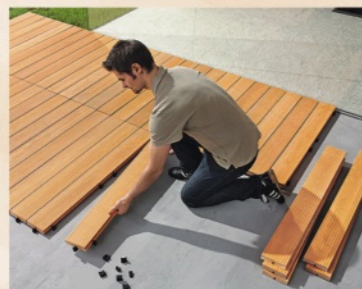
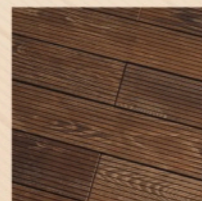
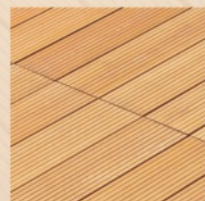
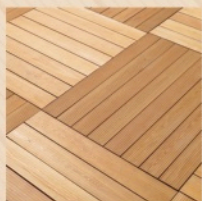
Without tools, hammers, screws, fasteners or clips. The joints are invisible. Further advantage: The routing depth of the key-pocket automatically determines the distance from the ground (drainage).

For cleaning and maintenance of the wooden floor you can dismantle it at any time: Wood parts are taken off the structure and the Fox keys are removed. Timber can be cleaned and treated with oil. Then reassembled like the first time.

Various patterns

You can decide on various patterns:

Longitudinal or lateral layouts, together, checkerboard patterns with large, small or without gaps.



foX
by HOFFMANN

Flooring made of wood is just as attractive, beautiful and natural as well as highly versatile to use.

Terrace decking, tiles on the balcony and winter gardens, garden paths, wellness areas, sun decks at pools. A beautiful and always safe floor for many opportunities.

Your visions are the goal.

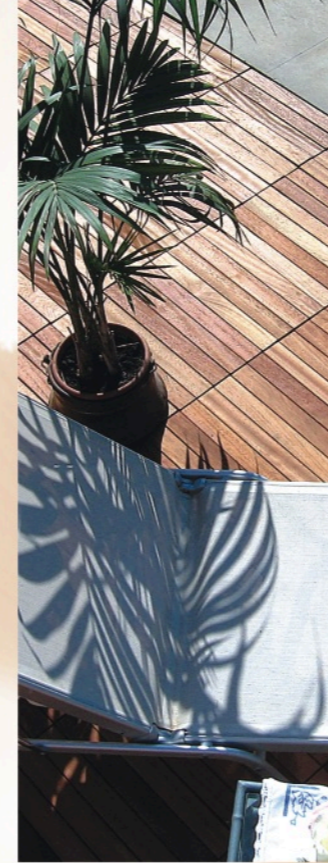
Fox is a product of the specialists Hoffmann for innovative jointing systems, the inventor of the already legendary Hoffmann-Schwalbe. Thanks to Fox the floor assembly is possible in a very short time and with only small effort. This is only possible with Fox, the multi-functional natural rubber key for wooden decks.

Hoffmann develops, designs and builds woodworking machines especially for jointing technologies used in various fields of the industry. The machine program ranges from small hand held routing machines up to CNC-controlled equipment including sawing, routing, drilling and chamfering. Just tell us your specific needs and we will provide our information.

If you have any questions, please talk to us at any time.

www.hoffmann-schwalbe.de

Appointment with:



foX
by HOFFMANN

realisierung...mantwill.com - Fotos: Tilo/Hoffmann

Aesthetics & Function

...beautiful wooden flooring easily performed with Fox

foX
by HOFFMANN

Assembly instructions



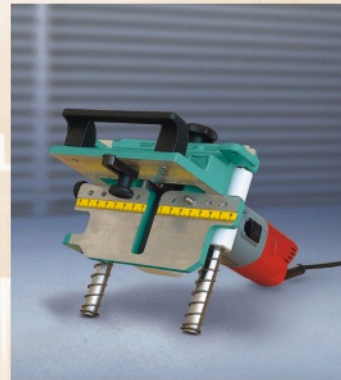
HOFFMANN

hoffmann-schwalbe.de

Routing machines for **fox** by HOFFMANN

That's the way it works

Tips & Tricks



Hand held routing machine
eXess

Flexible hand held routing machine to produce a single dovetail keyway. The ultimate starter model without compromise to performance or quality. Perfect for work on site. Includes router bit and machine tools. Available with systainer.



- > The desired Fox positions are marked on the work-piece
- > Attach the routing unit and adjust to marking
- > Adjust routing depth regarding the desired width of gap
- > Rout key-pockets by sliding the routing unit until pre-set stop



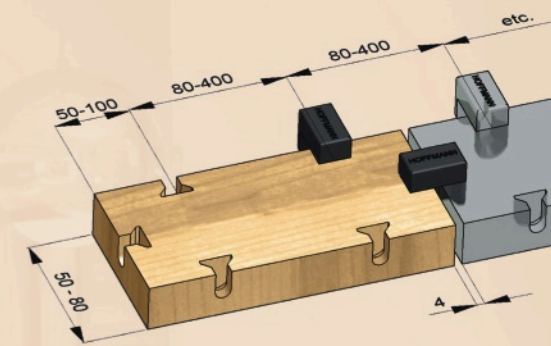
- > The desired Fox positions are set with the flip-stops on the machine
- > Adjust routing depth regarding the desired width of gap
- > Place the work-piece onto the machine table against the flip-stops
- > Rout key-pockets by pulling the handle moderately.



- > The desired Fox positions are set with the flip-stops on the machine
- > Adjust routing depth regarding the desired width of gap
- > Place the work-piece onto the machine table against the flip-stops
- > Rout key-pockets by actuating the foot-pedal.



- > Fill up the work-piece magazine, adjust routing position and depth regarding the desired width of gap
- > Upon "Start", the work-pieces are taken out of the magazine into the processing station against the pre-set stop, all selected routing units cut the keyways (longitudinal side plus face), work-piece is given free and slides out of the machine
- > The part is turned manually and placed into the machine again
- > Routing of the second set of keyways – machine runs until magazine is empty



Work-piece

The precisely defined routing position is important for the accuracy of the assembled floor area. Avoid inaccuracies, although Fox - because it is made of rubber - compensates small differences automatically. When patterns like "chessboard" are laid out, please observe matching key-pocket positions on longitudinal and lateral sides. The routing height for the key-pocket is 18 mm and is determined by the cutter. Please do not change. This ensures that the fit of the Fox-key is always correct and the wood profile can be accurately seated. During the routing sequence, the work-piece should be held flat and secure to protect it against slipping. When working with the eXess hand held router additional clamping would help.

According to the chosen timber, the feed rate should be adapted to the material. Guide rule: the harder the material, the slower the feed rate.



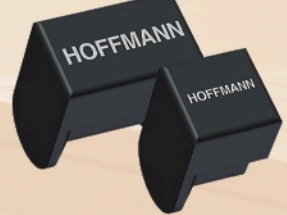
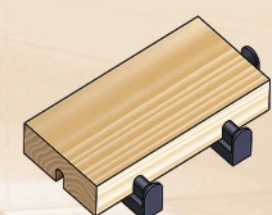
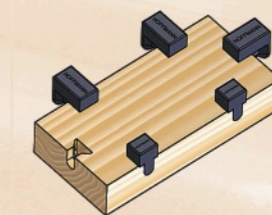
Manual dovetail routing machine
MU 2

Portable, bench-top model fitted with 1000 W motor. To produce a single keyway with each machine cycle.



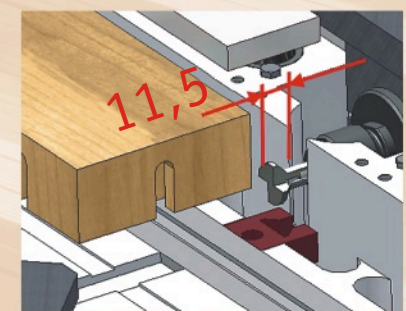
Pneumatic dovetail routing machine
PU 2

Free standing model fitted with 1000 W motor as standard. To produce a single keyway with each machine cycle. Solid cast table and large working surface.



Gap width

If you choose a gap between the profiles, you can determine the width by yourself. Gap width of 4 mm results in a cutter depth adjustment of 11.5 mm. Gap width of 6 mm results in a cutter depth adjustment of 10.5 mm.



Routing machine
S0 7.215

Automatic multi-spindle routing machine

Sub-flooring

If substructures made out of timber parts are used, we cut a rectangular groove into the upper slats. This groove serves as a pocket for the Fox-key and secures against a possible creeping / moving of the floor. The groove width should be 16 mm or more (Fox foot width = 15 mm).

