

C 67 – HORIZONTAL CNC CONTOUR CUTTING CENTRE SPECIAL DESIGN FOR EASY SMALL-BATCH PRODUCTION

The C 67 fully automatic horizontal CNC contour cutting machine can be expanded with a special, reinforced hold-down device with gripper units.

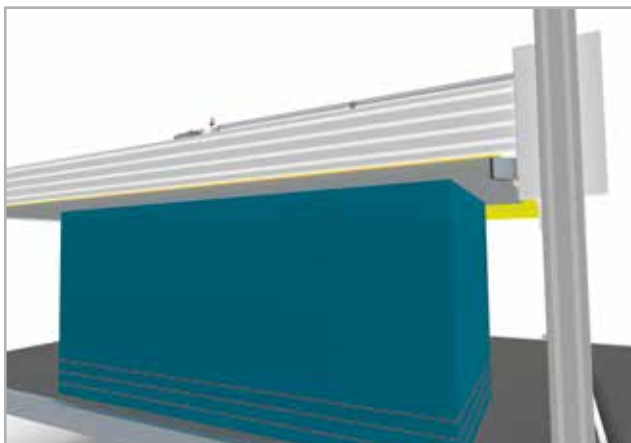
Layers, contours or mattress cores cut in the bottom section of the block can be separated by lifting the rest of the block, before being automatically unloaded and transferred to the next production step. This could be processing on a F 62 vertical CNC contour cutting centre, transporting finished parts to a packaging machine, or taking the bottom skin to a waste bailor. After unloading the cut parts, the block continues to move downwards if required. The machine is ready for the next job.

This special hold-down device design with gripper units is available for working widths of 2300 mm and 2500 mm, and a work height of 1300 mm.

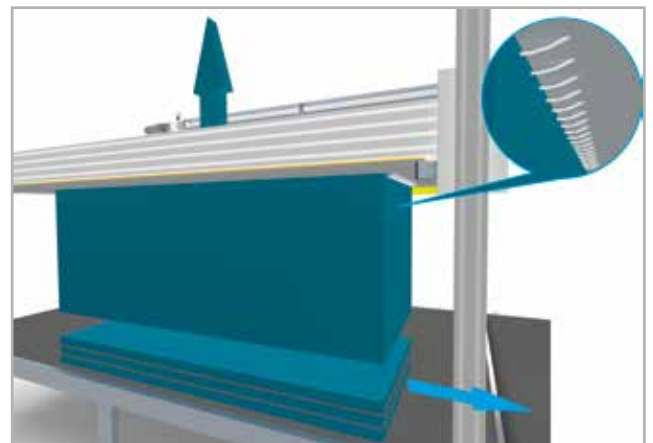
Functional principle

The system uses gripper units with purpose-built needles that are designed to gently handle the material without damaging or deforming it.

The special separating unit can be used in single or automatic cutting mode. This machine design with needle gripper can be used just like a conventional C 67 with or without rotary table function.

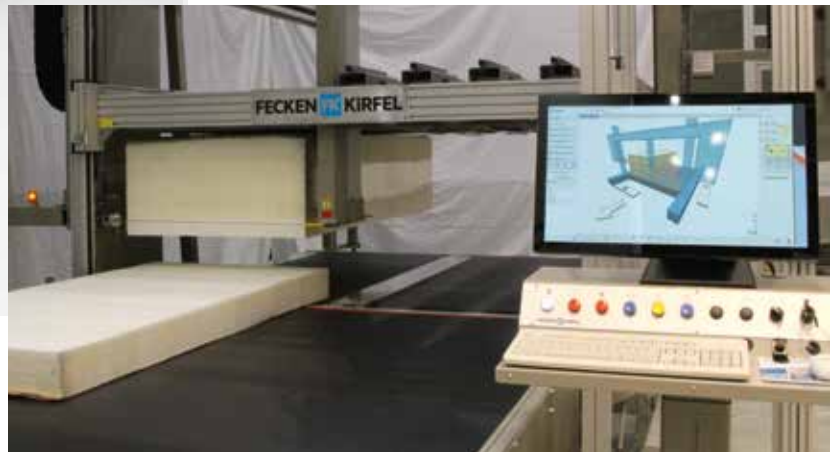
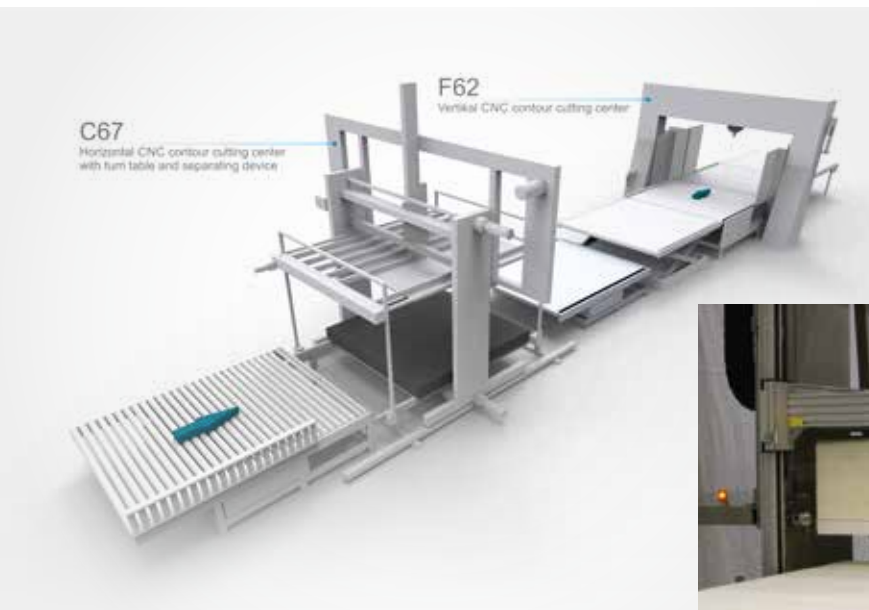


Sheet ready for unloading



Separating unit ready, remaining block gets lifted, sheets get unloaded

Endless possibilities in processing of PU foam



- Just like the well proven W 22 + F 62 combi system, the C 67 + F 62 system can be used to cut blocks in stacks of layers and then transport those to the F 62. Additionally, horizontal contour cuts are possible.
- The separating unit allows users to automatically transfer the precise number of stacks of layers for each order to the F 62 vertical contour cutting machine.
- The combination of the C 67 with special separating unit and downstream F 62 vertical contour cutting machine offers users a virtually unlimited number of possibilities in processing.
- Using the separating unit makes handling the machine easier and enables more flexible production. In custom production (individual or two to three mattresses), the cut parts are easy to separate and allocate to the respective order.
- This equipment allows users to combine the C 67 with a D21/D31 profile cutting machine to cut individual layers.

The C 67 machine is ideal for processing a range of materials, especially extremely soft foams. It allows users to produce perfectly vertically aligned stacks and automatically transfer them for further processing.

Processed materials

- Conventional PU foam
- HR foam
- Latex
- Visco-elastic foam
- Hyperflex foam
- Melamine foam
- Semi-rigid foam
- Rebonded foam

➔ Our team will be happy to help you if you need any more information.

Fecken-Kirfel GmbH & Co. KG | Prager Ring 1 - 15 | 52070 Aachen | Germany

Postfach 10 08 54 | 52008 Aachen | Germany | Tel. +49 241 18202-100 | Fax +49 241 18202-752 | info@fecken-kirfel.de | www.fecken-kirfel.de