

FECKEN **FK KIRFEL**

Always a cut above – since 1870

Fully automatic cutting machines T 8

Type | **T 8**





Fecken-Kirfel produces precise and efficient cutting machines to process a wide variety of different plastics, rubber and similar materials. Founded in 1870, this family-owned company today leads the way on technology and quality in its field worldwide. Using its large pool of engineering knowledge and expertise, Fecken-Kirfel works together with customers to keep on developing its range of machines further. We produce 100 % of our cutting machines at our main base in Aachen, Germany.



Founded in 1870

Independent family-owned business

Cutting machines "Made in Germany"

Machines process wide variety of materials

Leading the way on technology and quality worldwide

HELLO AND WELCOME!

When you need to cut, split and trim blocks of foam, the T 8 machine concept offers a great solution. The T 8 machine cuts soft, hard or even sticky materials with speed and precision. To ensure that the T 8 machine supports your production process in the best way possible, we work closely with you during the design stage of the machines. Together we outline your requirements and develop cutting machines based on your production requests, our many years of experience and our engineering expertise. These machines will increase your productivity and help you to maximise performance.

FULLY AUTOMATIC CUTTING MACHINES FOR CUSTOM-MADE BLOCKS

Precise, cost-effective cutting to size. Trimming. Variable dividing of short and long blocks: these are all tasks managed comfortably by the T 8, T 8/5 and T 8 S cutting machines, with optimum results.

Area of application: Cutting to size, trimming and dividing of a wide range of different-sized blocks, e.g. for the mattress, furniture and automotive industries.

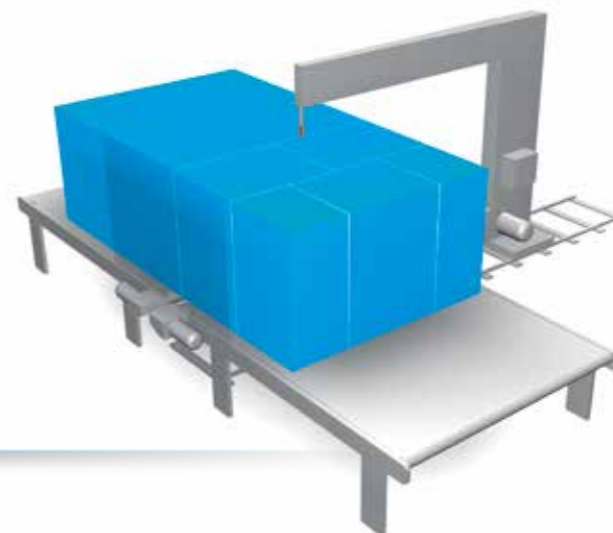
Materials: Flexible PU foam, viscose foam, bonded foam, PE, semi-rigid and rigid foams.

Cuts: Cut short blocks to various lengths and widths, and split long blocks. The machines cut the foam blocks exactly to their final size according to your needs.

Technical data	T 8	T 8/5	T 8 S
max. working range (L x W; optional in each case)	2600 x 2400 mm 3000 x 2400 mm 4000 x 2400 mm	2600 x 1800 mm 3000 x 2400 mm	2600 x 1400 mm 3000 x 2400 mm
Cutting height	1350 mm, 1650 mm	620 mm	650 mm, optional: 820 mm, 1020 mm
Cutting speed	2-20 m/min optional: 4-40 m/min	2-20 m/min optional: 4-40 m/min	0,5-10 m/min
Cutting angle	- 90°, 0, 90°, 180°	- 90°, 0, 90°, 180°	- 90°, 0, 90°
Knife/Saw ground on both sides	yes	yes	no
Can be integrated into a cutting line	yes	yes	yes
Nearly dust-free	yes	yes	no



Cesar Avila Castro
After-Sales Service engineer



Precise cutting to size and trimming

Flexible dividing of short and long blocks

Processing of hard materials

Available either with toothed band knife or as a saw

SUITABLE MODEL FOR YOUR CUTTING TASK

With the fully automatic cutting machines in our T 8x series, you can be sure to find the right machine for your task. The three variants, T 8, T 8/5 and T 8 S, differ in their design and the cutting tool they use.

T 8 - with a rotating band knife, smoothly ground on both sides. With this variant it is possible to cut both in the forward and return run of the cutting device as well as in the forward and return run of the conveyor belts. This minimises unproductive empty running, which makes the T 8 an extremely effective, high-performance tool. Using this machine, you have an enormous amount of flexibility when it comes to splitting short blocks, especially cutting parts to different widths.

T 8/5 - the compact option. Due to the reduced cutting height of this machine version you can also process many different technical foams.

T 8 S - the bandsaw version. The saw in this variant can process extremely hard materials with minimum effort.

Operation: Using a Windows user interface, you set the different lengths and widths of the blocks, number of units and speed, an easy, convenient use.

Commissioning: We start up all functions on the machines at our factory before delivery. When everything is working perfectly, installation and commissioning can then take place on your premises.

Integration: We integrate both machines into your production process. We set individual control parameters which are a perfect fit for your requirements, whether in a cutting line or as stand-alone machine.



Existing machines are easy to integrate

Large number of cutting programs can be run

Combined with a shuttle, T 8 supply multiple cutting installations

Later extensions can be added without difficulty



Daniel Carreño Torres
Sales



Your blocks can be processed from the long block instead of from the short block – a sensible and efficient way of working. The long block is cut to its final dimensions directly. The advantage: it saves you the trimming work.

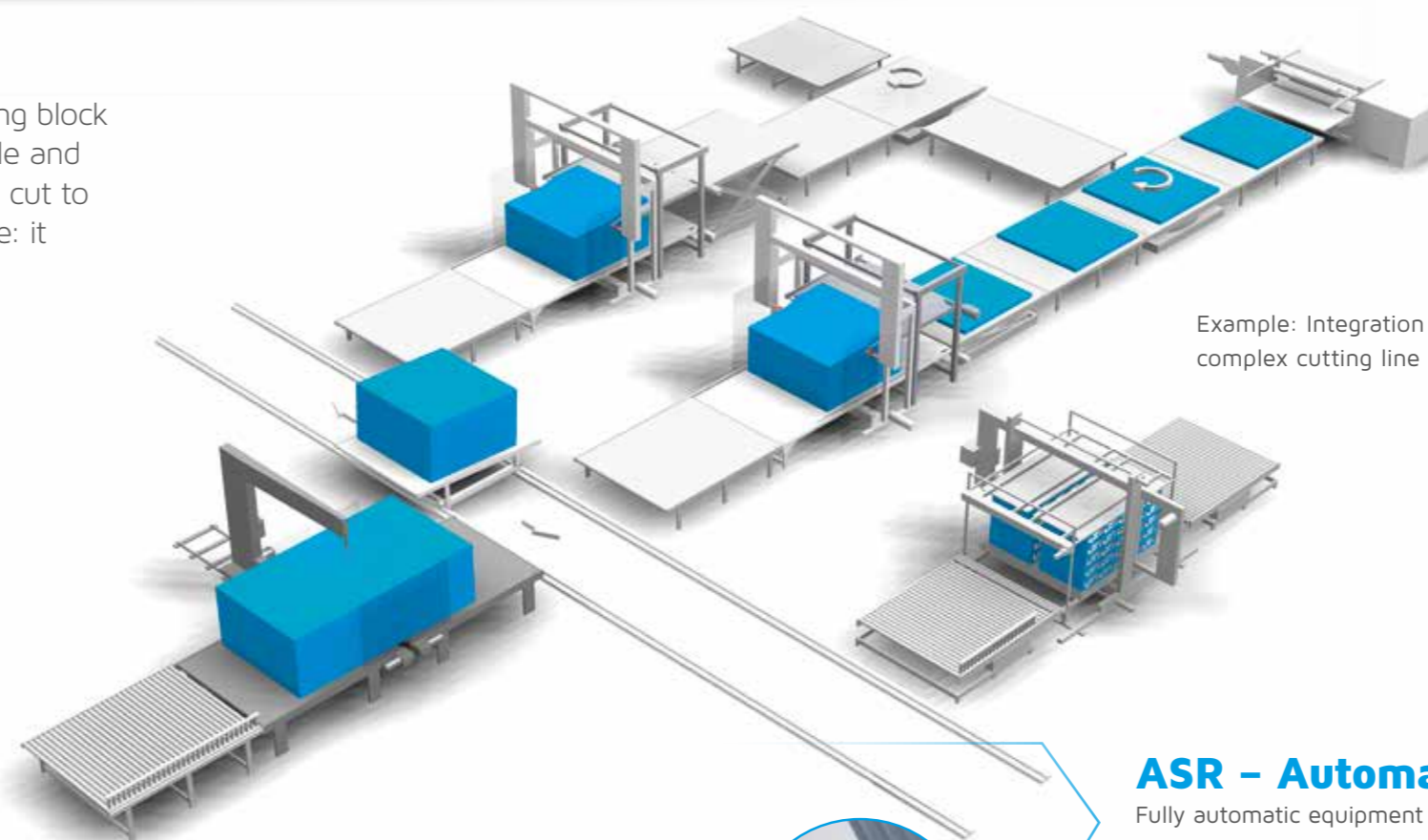
STRAIGHTFORWARD INTEGRATION INTO ALL TYPES OF CUTTING LINES

The T 8 cutting machine is frequently used in both simple and complex cutting lines – often subsequent to a short or long block storage. The advanced control technology of the machine makes this possible: you can execute an almost unlimited number of cutting processes.

Used in combination with downstream, transversely movable transport conveyor (shuttle), the T 8 is therefore an ideal machine when it comes to supplying multiple cutting lines with blocks arranged on a gauge block.

The process

1. The T 8 cutting machine splits the block and/or trims it.
2. Depending on the information entered in the operating terminal, the block is transferred to one of the following machines, e.g.:
 - a. CNC contour cutting centres
 - b. Horizontal splitting and stacking machines
 - c. Profile cutting machines
 - d. Packaging stations or other downstream machines
 - e. ...



Example: Integration of the T 8 in a complex cutting line

ASR – Automatic Scrap Removal

Fully automatic equipment that removes the trimmed layer on the opposite side to the operation.



Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

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