

## Bandknife Splitting Machine H 24 G

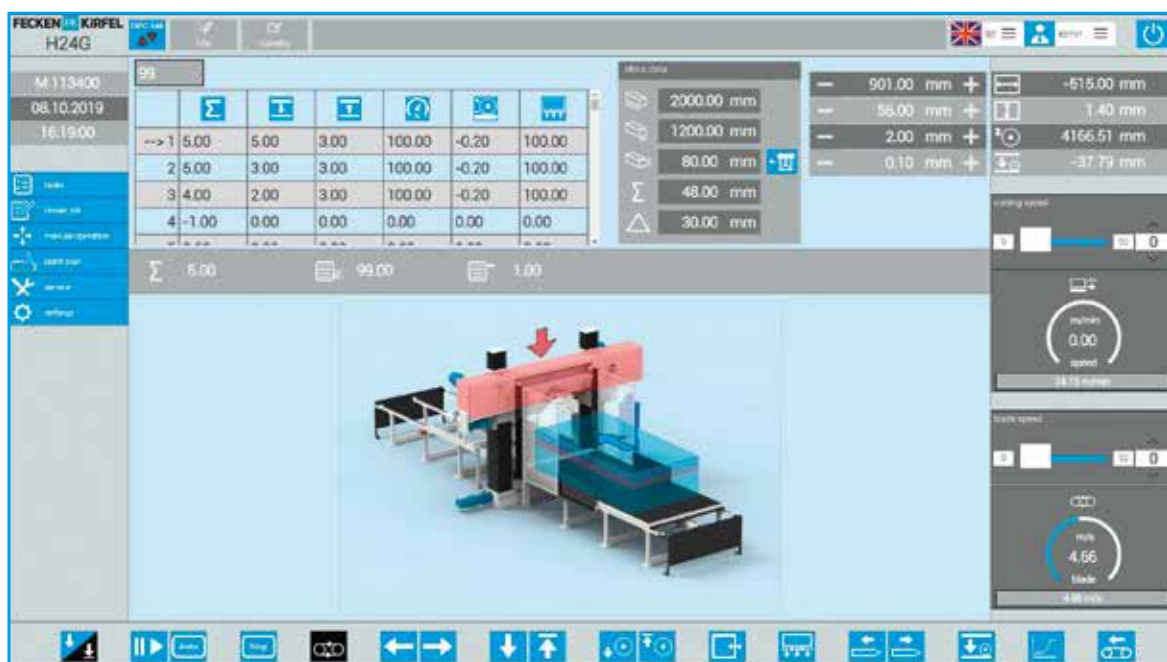
## | H 24 G

### FOR SPLITTING HARDER MATERIALS

We developed our proven Bandknife Splitting Machine H 24 G specifically for splitting materials with a hardness between 30 and 70 Shore A Scale (depending on the material). Now we have refined it and optimized it further for our customer's applications.

The H 24 G has a solid cast iron machine frame offering the ability to split harder materials. The combination of the reinforced table construction of the machine, the high vacuum power and the additional back-up roller of the feeding roller allows to split harder materials with tolerances of +/- 0.1 mm. This combination during the splitting process makes it possible to achieve a perfect surface structure without waves.

Furthermore, due to the high vacuum power it is possible to trim the upper skin of the raw material to get an even surface. Our H 24 G is equipped with a new Windows based control, allowing for an easy operation of the machine. Thanks to the FK operating concept with well-known symbols, the machine can be operated intuitively and ergonomically. On the touch-capable user interface, familiar Windows features such as network connection and Internet connection are available as well. A visualization of the cutting parameters makes the handling of the H 24 G even easier.



Because of its reinforced construction, our H 24 G machine can split harder materials without any problems, such as:



- Reconstituted / recycled bonded rubber up to 1100 kg/m<sup>3</sup>
- Harder cellular rubber, EVA and polyethylene
- Hard foams PU, PET and PVC
- UHMW
- Rubberized cork
- Similar materials

Particularly hard materials can be heated up prior to splitting. A heating table is an option we can provide in order to help maintaining the optimal temperature during the cutting process.

If delicate materials are to be split on the H 24 G, it is recommended to equip the machine with a feeler roller for the layer thickness adjustment.

This electronically controlled feeler roller detects accurately the thickness of the material and adjusts the layer thickness fully automatically. An additional advantage of this feeler roller is that the compression ratio of the upper feeding roller is automatically adjusted as well. This way, a constant quality and thickness of the layer is guaranteed.

Technical data	H 24 G
Working width	1400 mm / 1600 mm / 2000 mm
Table length	2400 mm, extendable by multiples of 1200 mm
Max. block height	up to 250 mm, optional up to 610 mm or 1000 mm
Knife beam	20°
Vacuum power	600 mm water column
Bandknife speed	1.6–4.2 m/s infinitely adjustable, optional 1.0– 8.0 m/s
Feeding speed	4–40 m/min,
Tolerance in mm	+/- 0.1
Remaining layer thickness	2 mm
Driven pressure roller	yes
Auto. bandknife adjustment	yes
Take away conveyor	optional



➔ For further information on the H 24 G our team will be pleased to be at your service.