



FROSTED EDGE TECHNOLOGY

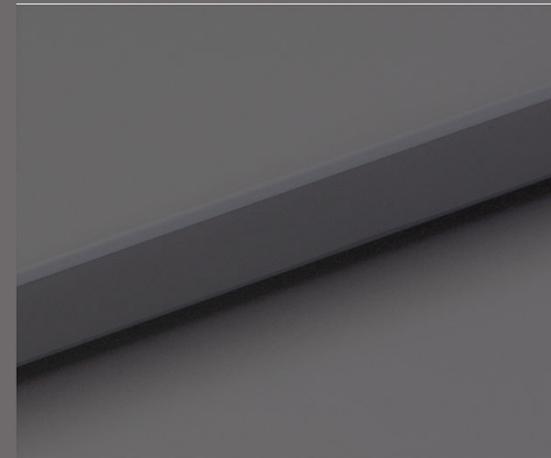


Matt is the new glossy!

For many years, high-gloss surfaces were the leading development in the field of modern furniture components. There is now a new and rapidly growing trend in the market place, as the appealing look and feel of matt decors enjoy increasing popularity.

Whilst this new trend offers the consumer exciting new options, it however presents the furniture manufacturer with technical challenges in the field of edge processing. Matt edge bands have been produced to perfectly match the matt surface, but in processing the edge banding machine will often create an undesirable glossy surface on the radius.

Whereas complex and expensive painting is often employed to rectify the situation, there is now a far more effective and economical solution, enabling the manufacturer to produce a perfect matt finish directly from the edge bander, every time.

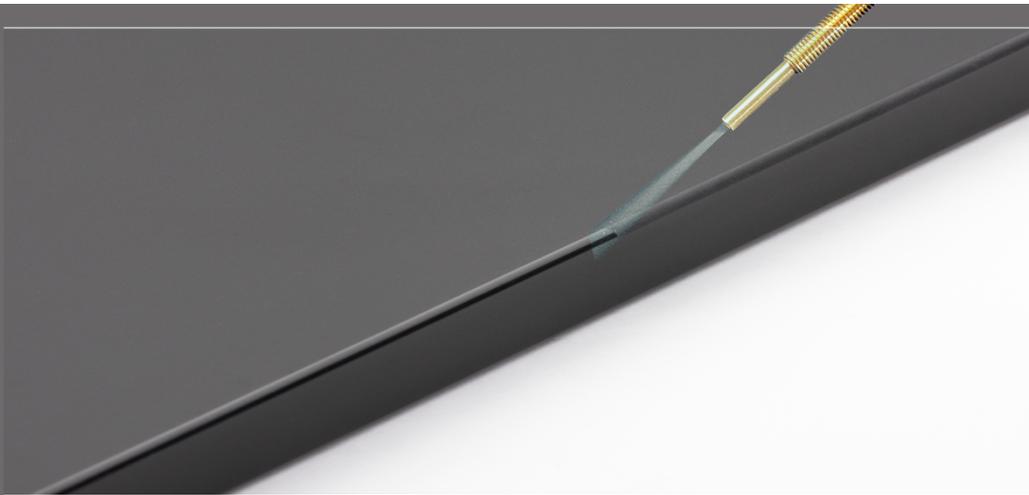


Our newest innovation:

Frosted Edge Technology

F.E.T. creates a matt radius finish and a harmonious overall impression with adapted haptics





Matt finish without varnishing

Frosted Edge Technology is introduced as the final process on the edgebanding machine, applying an environmentally friendly, specially formulated, organic blasting material through a fine nozzle to the edge band radius with pinpoint accuracy.



The special blasting material is stored in a transparent **pressure tank**.

This tank can be placed in close vicinity to the machine and simply requires an electrical and compressed air connection.

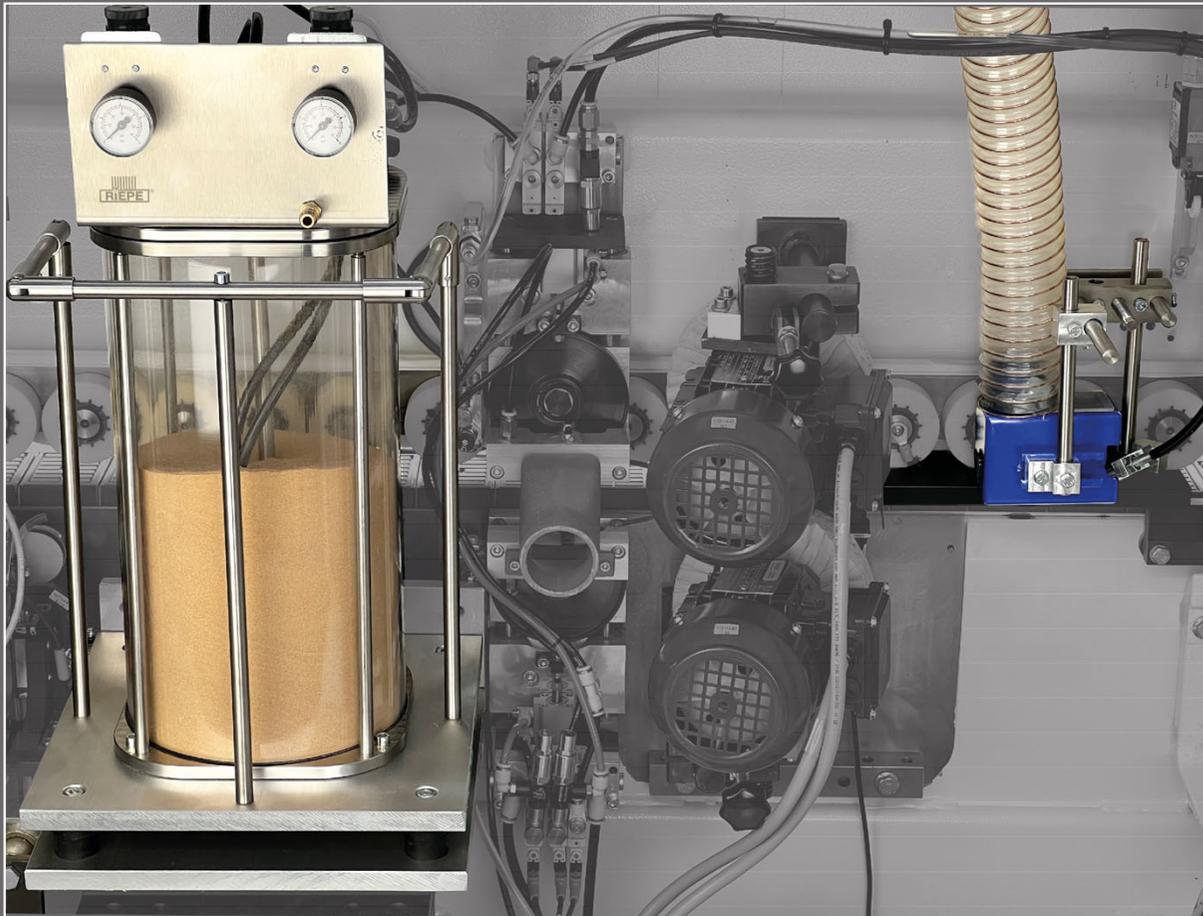
(24V/230V – 3 bar)



The **application unit** has a compact design, this means that it can usually be retrofitted even in the tightest spaces available on edge processing machines.



Installation example



The pressure tank can also be placed outside of the machine

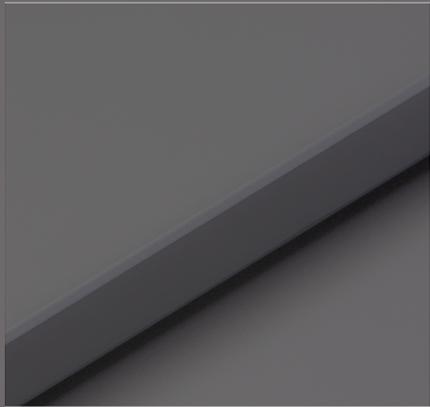


The application unit is connected to the existing machine exhaust. The switching and workpiece detection is carried out via the known RIEPE® electronics or via integration into the machines PLC by your machine manufacturer.

With one filling of blasting material (approx. 5 kg), you can run up to 2,500 linear meters at 20 m feed speed.



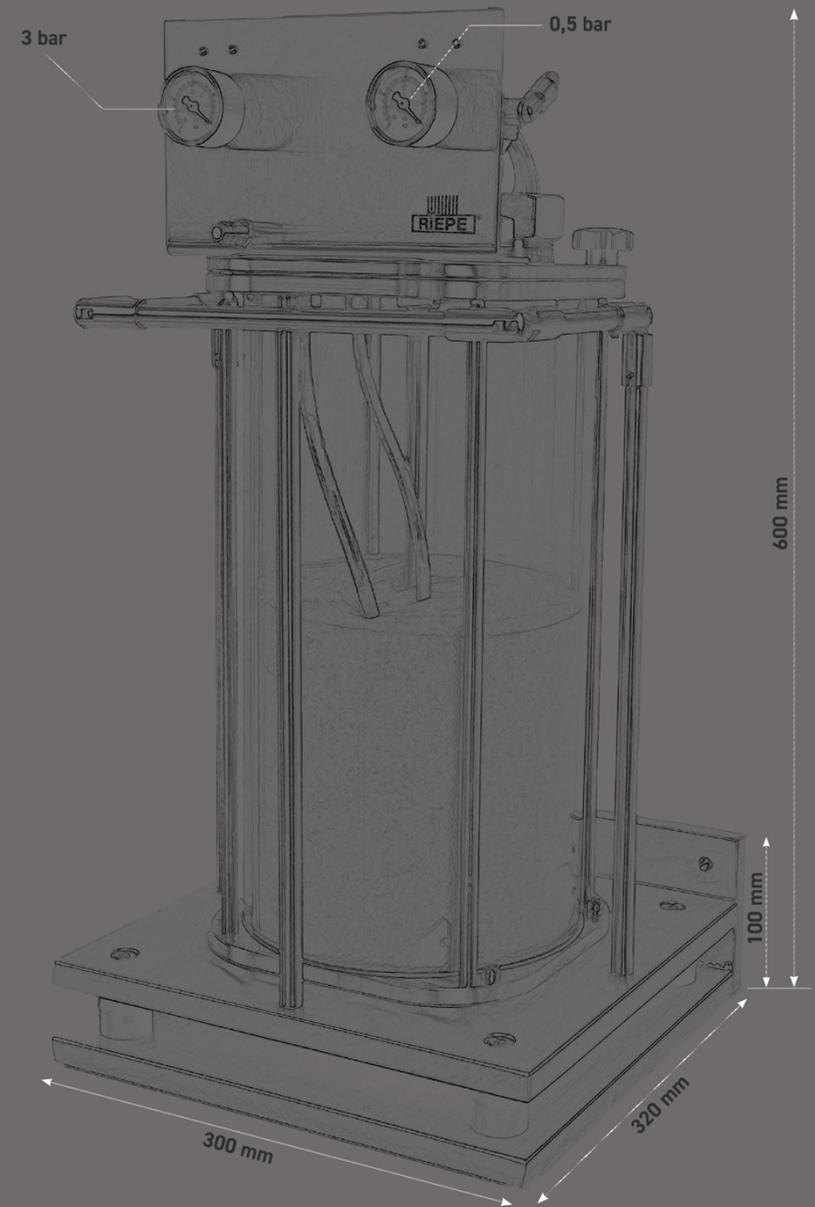
Advantages of RIEPE® Frosted Edge Technology



- Adapted haptics
- Frosted radius
- Perfect finish
- Harmonious overall impression



- Milling stroke reduction
- Process stability
- Low operating costs





Thank you very much
for your attention

RIEPE GmbH & Co. KG

Theodor-Rosenbaum-Str. 24-30
32257 Bünde · Deutschland

Telefon +49(0)5223-68 74 07-0
Telefax +49(0)5223-68 74 07-50

info@riepe.eu · www.riepe.eu