

Compact spinning  
COMPACTapron

A detailed 3D cutaway rendering of the COMPACTapron Advanced machine. The machine is primarily grey and black, with several prominent purple rollers and a red component. A white fiber is being processed through the machine. A dark blue semi-transparent banner is overlaid across the middle of the image, containing the product name. The background is a light grey gradient.

# COMPACTapron Advanced

The next generation of lattice  
apron compacting technology

# COMPACTapron Advanced

3D COMPACT technology with the best tenacity values and newly designed compact zone geometry for optimized yarn values

With COMPACTapron Advanced, SUESSEN marks a new milestone in compacting technology. This next generation of lattice apron compacting technology displays unbeatable values: a higher tenacity with an additional 0.5 to 1 cN/tex\*, up to 20% lower IPIs\*, up to 60% energy savings for compacting or up to 10% lower conversion cost\*. The newly designed Advanced hairiness package provides maximum flexibility, featuring interchangeable inserts with different slot types for a wider count and material range.

## OUTSTANDING ADVANTAGES

### Unmatched yarn tenacity

COMPACTapron Advanced achieves higher values with an additional 0.5 to 1 cN/tex\*

### 3D COMPACT

Transport of the fibers in the condensing zone over the suction slot at a distinctive distance to the mesh apron so that all fibers are compacted

### Highest flexibility

Interchangeable inserts for a wider count and material range.

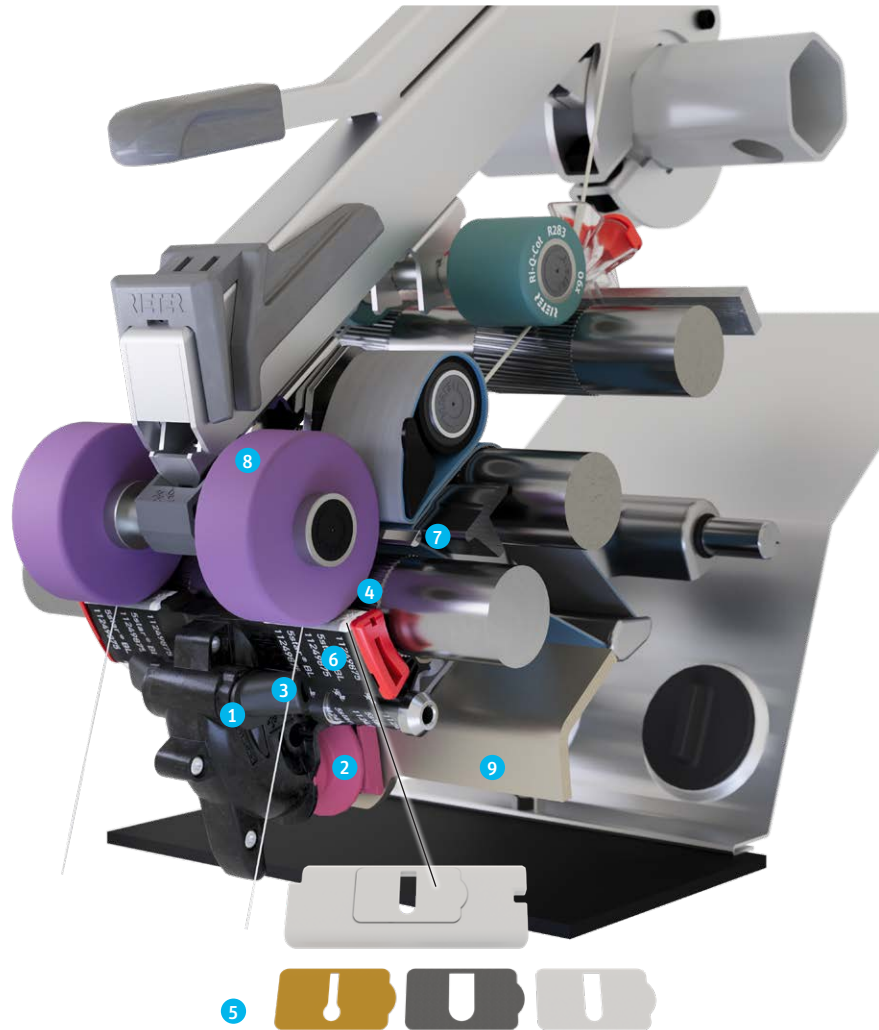
Fast plug in/out ability to switch between conventional and compact spinning

### Low conversion cost

Due to low energy, maintenance and spare parts requirements

### Insensitive to spinning geometry and free yarn length

Available for many machine types and most common materials



1. COMPACTapron Advanced unit
2. Negative pressure supply
3. Pneumafil (yarn break) suction
4. Compacting area with slots
5. Interchangeable inserts
6. Lattice apron
7. New designed PINSpacer Advanced
8. COMPACTapron roller
9. Steel rail

\*compared to EliTe

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