



Loop Control™

The Cut Pile Looper for the processing of soft fiber yarns

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The processing of soft fiber yarns with extremely fine filaments (< 6 DPF) are placing new demands on the cutting behavior of tufting tools. The behavior of these new yarns can result in the loop moving out of the cutting zone, causing partial or dry (missed) cuts. The result is an uneven carpet surface. Groz-Beckert has developed a solution for this: the Cut Pile Looper with Loop Control™.

Features and characteristics:

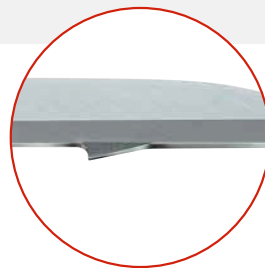
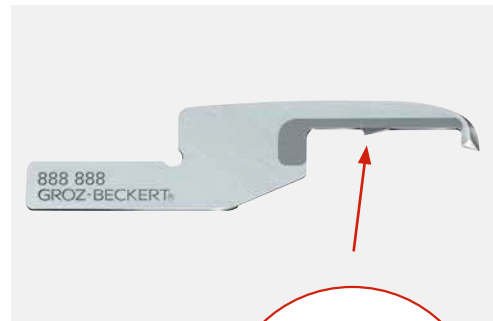
- Controlled guidance of each loop into the cutting area
- Fixing of the loop by Loop Control™
- Controlled cutting of the loop by a single stroke of the knife
- Can be reground several times
- Also suitable for standard yarns

Advantages/customer benefits:

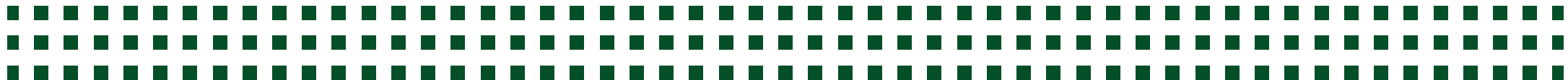
- Uniform surface appearance
- Process reliability
- For universal use
- Long service life with the Groz-Beckert system
- Increased productivity



Cut Pile Looper with Loop Control™ (staggered)



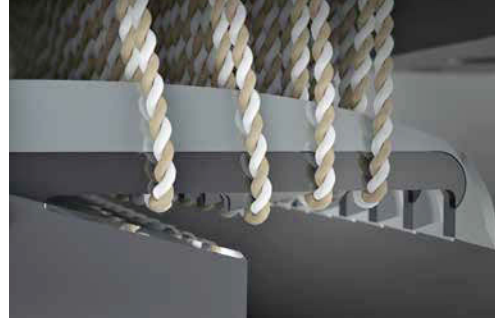
Trendy carpets made of soft fiber yarns



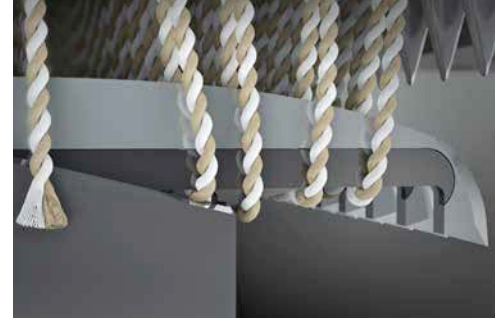
Functional principle of the Cut Pile Looper Loop Control™



Pick-up of the loop by the looper



Loop gliding into the cutting area



Complete and controlled cutting of the fixed loop by a single stroke of the knife



Uniform cut and homogeneous product appearance thanks to Loop Control™

The Groz-Beckert system concept in the tufting technology – ideally matched components for a reliable process over a long period and optimized cutting behavior.

Everything from a single source – with the system concept, Groz-Beckert sets the standard. As producer of all tufting tools (tufting needles, knives, loopers, and reed fingers) Groz-Beckert combines materials, tolerances and functions that are matched to one another. The perfect interaction of the tufting tools guarantees a flawless product appearance, high process reliability, reduced wear and, therefore, an excellent price-performance ratio.



Groz-Beckert tufting system



Cut Pile Looper module with Loop Control™