

FLY ACCUMULATION & FLEECE CUTS

in Lap Former



Technical Guide

Sticky fiber particles may gather in the draw-box and drafting zones, causing irregular laps and fleece cuts that affect comber performance.

Interventions

- 1 Optimize Upstream Processes**
 - Control stickiness in fibre preparation before spinning and optimize blowroom, carding and breaker drawframe processes.
 - 2 Periodic Machine Cleaning**
 - Clean the lap former draw-box drafting zone thoroughly at every creel change.
 - 3 Conditioned Fiber Use**
 - Use fiber treated with anti-stick conditioners to minimize adhesion on metallic surfaces.
 - 4 Maintaining Optimal Spinning Conditions**
 - Maintain relative humidity (RH) at 45 ± 2 % and temperature 35–36 °C.
-

Desired Results

- Cleaner laps with uniform structure.
 - Reduction in fleece cuts and lap damage.
 - Better lap transfer to comber and smoother combing performance.
-