Accumulation of residual yarn on ring frame spindles at the end of every doff has been a perennial problem for the spinning industry. The accumulated residual yarn is not only a waste of material, but also needs to be manually cleaned, which involves many man-hours and also affects the productivity of the ring frames.

No more accumulation of residual yarn – with the TeraSpin Smart Yarn Catcher

Continuous innovation is TeraSpin's hallmark. TeraSpin has developed a Smart Yarn Catcher that is self-cleaning. The residual yarn left behind after every doff is expelled by centrifugal forces – putting an end to a major pain area in the operation of ring frames!

Smart Yarn Catcher = No more residual yarn accumulation ↔
No more cleaning required ↔ Saving in labour hours ↔
Better machine utilisation ↔ Better ring frame productivity
The TeraSpin **Smart Yarn Catcher** addresses the need of spinners for a user friendly yarn clamping device on every ring frame spindle.

### Features
- Automatic opening & closing of clamping faces with change in spindle speed
  - Clamping faces open at about 10500 rpm
  - Clamping faces close at about 4000 rpm
- Firm grip of yarn between upper & lower clamping faces which can align precisely with each other due to unique mechanism
- Special cutter for yarn cutting

### Benefits
- **Minimum yarn used for clamping**
- **No accumulation of residual yarn** – the flat annular clamping faces enable the clamped yarn to move out of device easily by centrifugal forces
- No cleaning of residual yarn – less labour hours
- Reduced start-up breaks
- Improved ring frame productivity
- Very long service life

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<td>Under winding</td>
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<td>Tube removal</td>
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