



DYNADOFF



Lakshmi Precision Technologies Limited (formerly known as Lakshmi Precision Tools Limited) is an ISO 9001, ISO 14001, ISO 45001 and 5s Certified company established in 1983. Headquartered in Coimbatore, India, the city known for textile machinery and manufacturing; LPT is associated with Lakshmi Machine Works Ltd (LMW), a world leader in textile machinery.

From inception, LPT has built renown in precision manufacturing of engineering & Medical components. Apart from this, LPT is a leading manufacturer of Speed Frame Flyers, Semi- Automatic Ring Frame Doffers, critical textile machinery components and its sub-assemblies.

LPT presents **DYNADOFF** – a doffing solution for Ring Frames that comes with a special driving mechanism. **DYNADOFF** has been inspired by our constant drive to improve the performance of Ring Frame machines with best-in-class products that feature superior efficiency, technological evolution and resource optimisation.

DYNADOFF, with its innovative technology, is a cost-effective doffing solution for every existing non-auto doffing Ring Frame machine

Many operations in the ring frame machine need skilled workers, which is becoming a difficult proposition. In such a situation, maintaining product quality becomes an issue with semi-skilled or unskilled workers - and automation is a viable alternative. **DYNADOFF** adds value by increasing productivity even as it reduces dependability on human resources. The machine comprises of an empty cops insertion chute device, a full cops doffing grippers assembly, a travelling trolley device with an electronic control panel – and can transform your production line.



Characteristics

- Rugged, robust and user-friendly construction.
- Much reduced capital investment for a complete Ring Frame doffing solution.
- Designed to be accommodated in existing Ring Frame machines.
- Electro-mechanical operated gripper ensures positive doffing of full cops.
- Less power and air consumption.
- Suitable for all spindleages in Ring Frame.
- Parameters display system through HMI.
- Running and fault indication system.

Special Features

- Suitable for 180 mm to 210 mm bobbin length.
- Performs with all kind of yarns with specified parameters setting.
- Two Auto Doffers work parallelly on the right & left sides of the Ring Frame.
- No battery power and no charging required - increasing productivity and time saving with erratic electric power supply.
- Low maintenance and superior accuracy.
- Picks 12 full cops at a time.



Specifications

PARAMETER	LPT - DYNADOFF
Full Cops Pick Up	100%
Empty Cops Feeding	≥98%
End Break in %	Less than or equal to Manual doffing
Doffing Time	3 Spindles per unit per second
Operating Mode	Power and energy chain drive
Additional Feature	Lappet turnover as per setting

Scope of Customer

- Power and compressor airline to be provided.
- Ring frame effective running parameter settings to be done.
- 135 mm separator to be fixed.
- Track chain and railing to be fixed in existing ring frame - part of supply.



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