



**E - SPIN PATROL BIKE**

Lakshmi Ring Traveller - LRT, a part of the LMW group, is India's pioneer Ring Traveller manufacturing company. From a trend setting start in 1974 to a current phenomenal increase in the market share of Ring Travellers -our progress stands testimony to the industry's confidence in us and our leadership in the highly sophisticated and accurate sphere.

Our strong R & D and a highly involved commitment to the industry empowers you with cutting edge products designed to improve your productivity and profit. LRT products are used in over 40 countries world wide.

## INTRODUCTION

The spinning sector is an important segment in the textile industry playing very crucial role in influencing the output quality of finished fabric or garments. The sector has most sophisticated sequence of processes to convert raw Cotton into Quality Yarn.

A tune of 40 percent of employees are involved in spinning sector and most of these are designated as the SIDERS, whose core responsibility is to ensure piecing the broken yarn immediately as soon as it is detected. It is very important that there is minimum yarn breakage to ensure maximum productivity. However, breakage cannot be totally avoided and it is imperative to piece the yarn breakage in the minimum possible time. Our e-Spin Patrol Bike addresses this issue and ensures quick piecing.



## FACT

The prime challenge in today's spinning industry is the monotonous and tiresome job nature of the Ring Frame Siders because of its fatigue nature, repetitive work that leads to more attrition rate. On an average , a SIDER walks around the Ring frames to a tune of 12KM per shift in machine noise level of 90 decibels that adversely affects the efficiency of the Siders making him/her more exhausted and fatigued.

## THE SOLUTION

LRT has stringently analysed these facts and have come out with a solution and are proud to introduce - E-Spin Patrol Bike.

It's a breakthrough for the Mill owners and a boon for the Siders in spinning mills, as our E-Spin Patrol Bike ensures ease of operation and promises immediate monetary gains.

## E-SPIN PATROL BIKE

### BENEFITS - To the Siders

- Walking around the Ring Frame is completely eliminated leading to more comfort for SIDERS.
- Directly induces interest and enthusiasm to the SIDERS that brings out their increased productivity and performance.
- The reduced decibels on usage of Head phone with music works well below the factory regulations act and absenteeism rate reduces.

### FEATURES

- Customised to synchronize with all types of Spindle Monitoring System.
- Digital Display to indicate speed and battery level.
- Ergonomically designed to suit ring frame siders.
- Disc Brakes.
- No Gear, Clutch or Chain.
- Travels approx. 45 km in single charge.
- 360 degree rotation of seat.
- Easy to operate
- Light Weight and easy start Electric-Bike.
- Quick re-charging
- Low Electricity consumption.



### BENEFITS - To the Buyers

- Payback within few months
- Better operational efficiency
- Reduction in pneumafil wastage percentage
- Attribution rate of Siders will significantly reduce
- Noteworthy cost savings

## E-SPIN PATROL BIKE



AVAILABLE IN TWO VARIANTS - STANDARD AND STANDARD PLUS

### STANDARD VARIANT

Regular E-SPIN Patrol Bike

### STANDARD PLUS VARIANT

Supplied with Display unit synchronise with online Spindle Monitoring System and noise reducing head phone.



### LAKSHMI RING TRAVELLERS (COIMBATORE) LIMITED

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