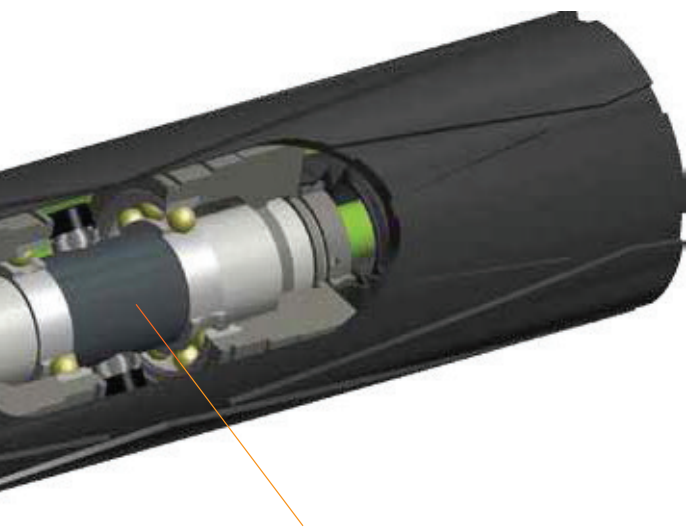




Frame and guide rollers are often the cause of belt damage, which ultimately reduces the lifetime of the conveyor belt. The Lorbrand Return Roller requires little or no maintenance. The belt Centralising Return Pulley can be manufactured to suit all belt sizes in operation, in any country. Special design requirements, such as specific shaft dimensions and lengths, are possible at little or no additional charge.

The Lorbrand Return Roller is a quality product that is made of precision machined C.N.C. components, special hardened steels and other alloys. This ensures that the Lorbrand Return Roller performs optimally over an extended period of time.



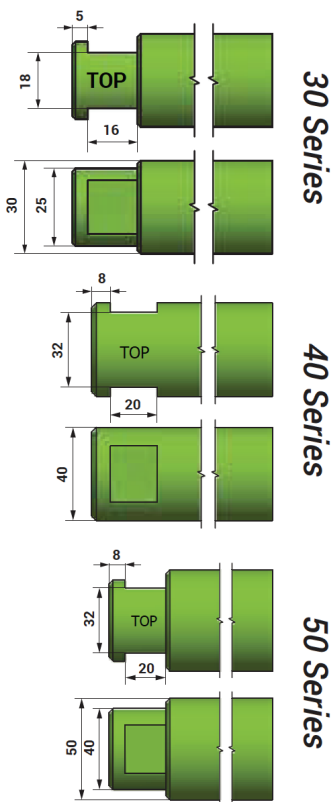
- The only recognisable product of its kind on the market.
- Designed to last longer.
- Little or no maintenance.
- Quick, uncomplicated installation.
- High performance rollers designed to endure extreme conditions.
- Immediately reacts to belt misalignment.
- Exerts little or no pressure on belt.

**Seals, O-Rings and Expansion Rings are designed to ensure the longevity, integrity and performance of the roller unit.**

# Unique Operational Features and Benefits

Through many years of analysing conveyor belt performance problems, Lorbrand has designed a Return Roller that offers conveyor systems unique features and benefits that can immediately influence performance:

- **Quick and Easy Installation** The Lorbrand Return Roller has been designed to fit into SABS1313, CEMA and DIN conveyor systems.
- **Uncomplicated Setup and Adjustment** Rollers can be easily adjusted within existing frames to ensure maximum conveyor belt performance, using the unique SPC bracket supplied with each unit.
- **Customised Sizes** Special design requirements, such as specific shaft dimensions and lengths, can be manufactured at little or no additional charge.
- **Designed to Last** Special hardened steels and precision machining are used to manufacture the rollers inner components and ensure a well sealed bearing unit. Coupled with corrosion and wear resistant materials, the Lorbrand Return Roller is designed to be durable and effective, even under extreme conditions.
- **Contribute to Conveyor Belt Life Span** Correctly installed, the Lorbrand Return Roller will instantly correct belt misalignment on the return side of the belt, thus preventing belt edge damage and structural damage from occurring.
- **Cost Effective Operations** Lorbrand Return Rollers will decrease downtime and maintenance and are designed to ensure absolute peace of mind. Reliable access to replacement products and expert advice means that your conveyor belt system can perform optimally with little maintenance.
- **Business and Operational Confidence** Competitive pricing and high levels of service ensure that personnel commissioned to manage a conveyor belt system can access products and advice when they really need it.
- All Lorbrand products are supplied with a two year warranty.



## PRODUCT SPECIFICATIONS:

### Shaft and Roller Sizes:

- 30 Series : Shaft end Ø25mm – shaft Ø30mm – Roller Ø168mm
- 40 Series: Shaft end Ø40mm – shaft Ø40mm – Roller Ø210mm
- 50 Series: Shaft end Ø40mm – shaft Ø50mm – Roller Ø235mm

### Materials:

- C.N.C components
- Deep groove ball bearings / Taper Bearings
- Rubber / Urethane Lagging

### Operational Conditions:

- Single and reversible conveyor belts
- 1.5 m/sec – 6 m/sec
- Belt widths – 450mm to 2600mm
- Operational loads – 215 kg to 780 kg
- Operational temperatures -40°C to +80 °C
- Recommended spacing along conveyor belt between 40 m to 50 m
- Suitable for all materials.



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01-LB-CS-ReverseRoller