

Martin Roller Tracker

You need following tools for installation:

- M12 Punch/13dia Drill
- 2x 19mm Wrenches
- Tape measure

Follow all legal and local safety regulations, before, during and after installation

Scope of supply:

- 1x Roller Tracker
- 1x Bracket set
- 2x U-Bolts
- Various other required nuts and bolts



1. Remove return belt idler where MRT is to be installed
Remove idler brackets.



2. Mark new holes to be punched and punch or drill new holes.



Installation procedure

3. Ensure brackets is facing the correct way (arrow to point in the direction of the return belt).



4. After holes have been punched, fasten brackets using M12 bolts & nuts provided.



5. Set height of Roller Tracker approximately 5 mm higher than the removed return idler.
Ensure Roller Tracker is in the center of the stringer (use stringer as guide and NOT the belt).



Installation procedure

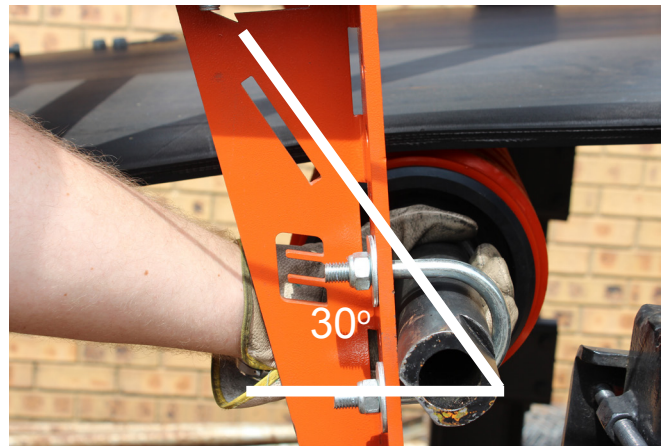
6. Place U-bolt into holes on either side.



7. Loosely fasten the Roller Tracker using the U-bolts equally on both brackets.



8. Rotate central shaft of Roller Tracker so the machined flats on the shaft are parallel with indicator on bracket (approximately 30 degrees towards the direction of the return belt).



9. Securely fasten all bolts, nuts and U-bolts. Installation is now finished



Frequently Asked Questions (FAQ):

- **Is the MRT serviceable?**

No

- **What belt sizes?**

500 – 1500 belt width

- **Will it work on a reversible belt?**

Yes, but install the tracker machined flats in a horizontal position.

- **Will it work on a belt speed of 5m/s?**

Yes. High quality bearings ensure safe working speeds.

- **Can it fit in normal return Idler frames?**

No. replacement brackets are supplied with each unit.

- **Will it work on clip joints?**

Yes. The large diameter of the Tracker Roller ensure safe operation with all mechanical splices.

- **How will it work if you got troughed return frames?**

No not effectively.

- **What tension should it be to the conveyor?**

5 mm higher than the return idler.



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