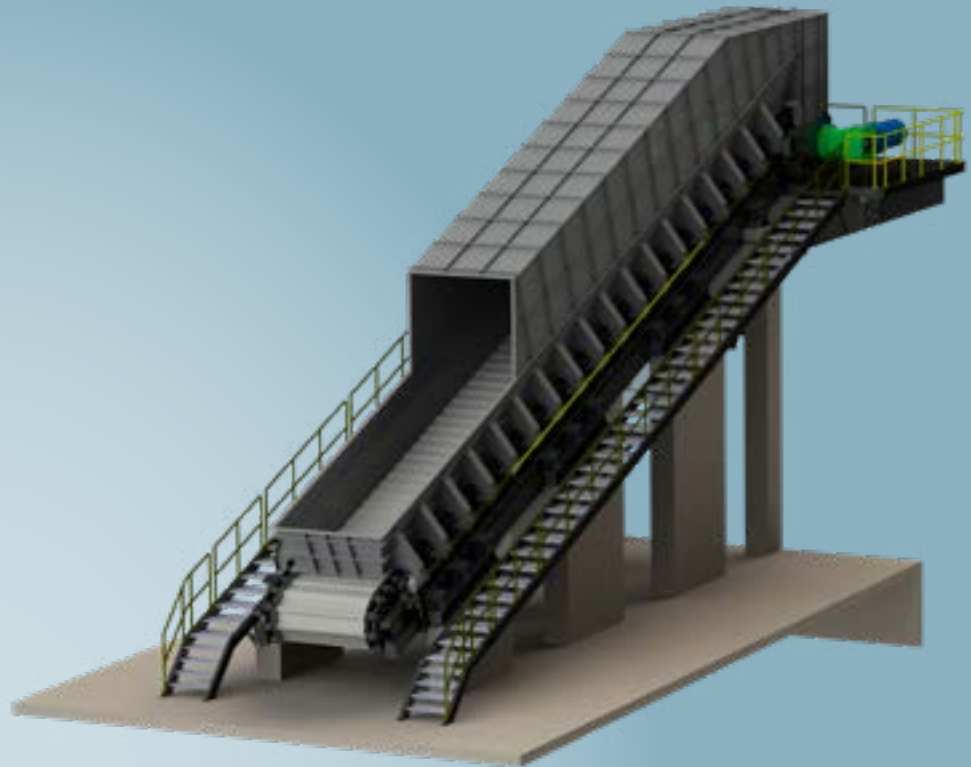


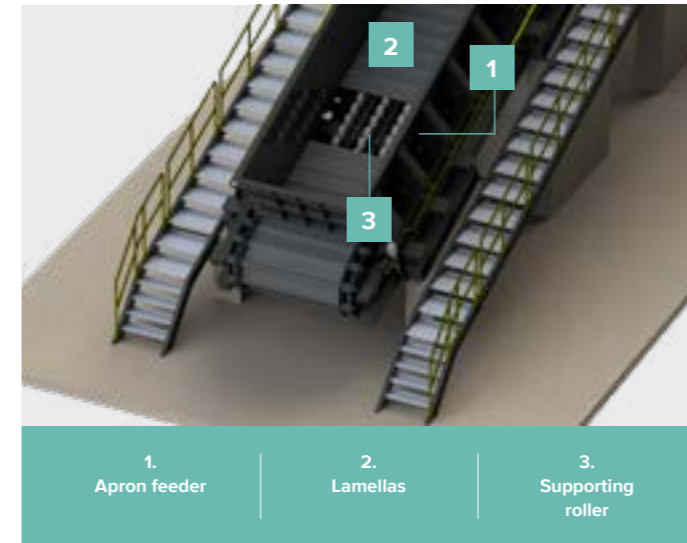
Apron feeder rollers

Extend the life of
your Apron feeder
installation



Specially designed impact rollers

With FLSmidth's specially designed impact rollers, you can improve the performance and extend the life of your Apron feeder. Rollers can be retrofitted to all types of FLSmidth Apron feeders and to most third-party feeders. We are providing the new design of support rails together with the new rollers.



Why upgrade your rollers?

With the new maintenance-free rollers from FLSmidth, you can improve the overall performance of your Apron feeder installation. They allow you to:

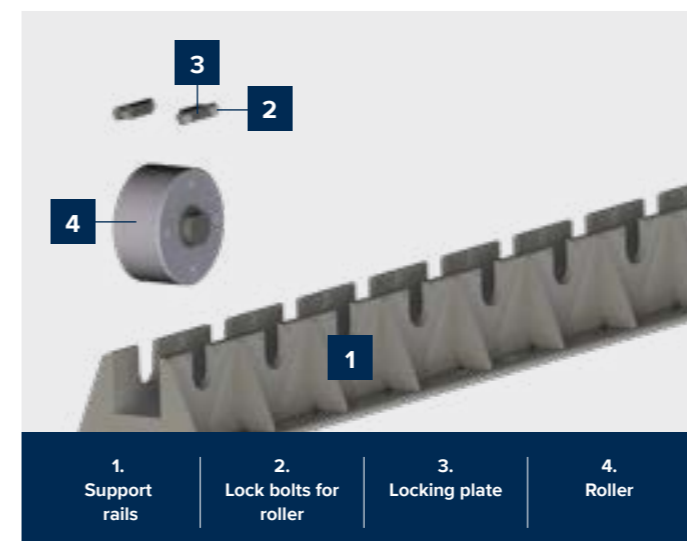
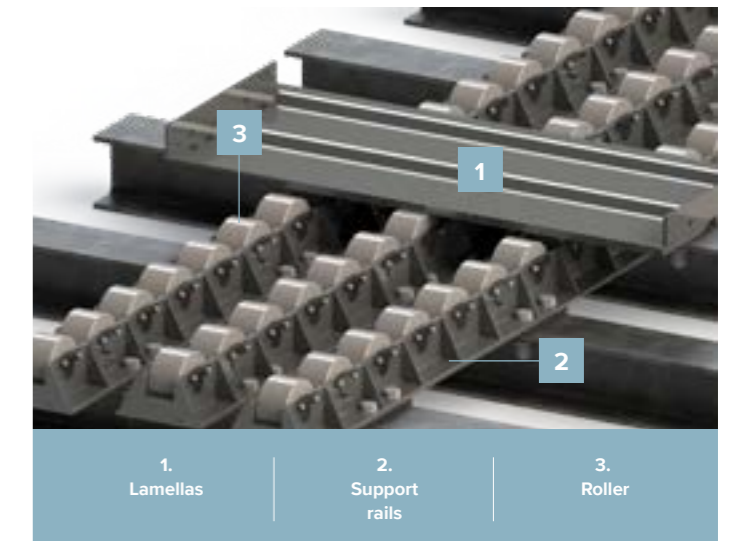
- Prolong the lifetime of bearings and rollers
- Improve Apron feeder reliability
- Reduce maintenance downtime
- Eliminate the need for lubrication
- Reduce the wear of lamellas
- Easy subsequent replacement of one or more rollers

The first installation of the new support rails and rollers takes approximately one week. Subsequent roller replacements can be executed in one or two days, ideally suited for a normal maintenance stop.

Fast initial replacement

The simple design allows fast, efficient replacement. Rollers can be replaced without moving the Apron feeder from its location to perform the upgrade, requiring only minor disassembly of lamellas from the feeder. It's an efficient, straightforward procedure.

- Remove approximately half of the apron feeder lamellas
- Remove the complete lubrication system
- Remove all existing rollers, including support frame
- Install new roller support assembly
- Insert rollers where applicable
- Re-install the Apron feeder lamellas



'Lifetime' greased bearings

With integrated bearings and tight sealing, the design ensures high performance even in dusty environments. The concentration of rollers can be optimized to cater for the load in the particular area of the feeder.

The roller support system is equipped with pre-greased roller bearings, labyrinth shaft seals and steel dust covers on both sides. Not only does pre-greasing prolong the lifetime of the bearings but it also removes the need for an external lubrication system or additional piping.

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