



CUSTOMER

**Bosch Rexroth Ltd and
RCR Resources Ltd, Australia**

BACKGROUND

Today's mining companies operate huge overland conveyors that can extend for many kilometres.

Managing these conveyors involves the handling of large sections of conveyor belt which are transported on purpose built reels and then installed on the conveyor using a conveyor belt reeler.

The spooling of the conveyor belt is tension controlled.

APPLICATION

The conveyor belt reeler has two shafts with a Dellner SKP 95 spring applied, hydraulic released brake mounted on each one.

The master drive reeler shaft is driven by a Hägglunds compact CA motor and has a Dellner disc brake, whereas the secondary tension control reeler shaft has a disc brake only.

In addition, five Dellner SKP 95-27s, with a braking force of 33,500 N (7,531 lbf), control and maintain conveyor belt tensions during installation and during ongoing maintenance.