CASE STORY

CONVEYOR BELT REELER

CUSTOMER

Bosch Rexroth Ltd Australia
The Drive & Control Company

RCR Resources Ltd. Australia
Mining Technologies and Equipment

BACKGROUND

Today Mining companies operate very large Overland Conveyors and can extend over many kilometres.

The management of these Conveyor Belts require handling large Reels of Conveyor Belt.

Sections of Conveyor Belt are transported on purpose built Reels and then installed using the Conveyor Belt Reeler.

The spooling of Conveyor Belt, either On or Off the Conveyor is tension controlled.

APPLICATION

A Dellner SKP 95 Spring Applied, Hydraulic Released Brake is mounted on both Shafts.

The Master Drive Reeler, shaft driven by a Hagglunds Compact CA Motor complete with Dellner Disc Brake.

The Secondary Tension Control Reeler, Shaft with Disc Brake only.

Five Dellner SKP 95-27’s with Braking Force of 33,500 N (7,531 lbf) controls and maintains Conveyor Belt tensions during Installation and ongoing maintenance requirements.