

BELT REELER

Simple Operation

Convenient for Belt
Extraction/Installation

Operated with Belt Clamping
Station to provide Rapid Belt
Removal

Slewing and Luffing

Hydraulic and Electric
Versions

Australian Conveyor Engineering manufactures belt reelers to assist in removing or inserting belt.

We have units designed for electric or hydraulic operation for differing belt widths. All units maintain an overall height suitable for underground mining. Belt reelers have capacities up to 250m of belt storage or 10 tonnes in belt mass.

All units are designed to quickly and safely reel belt during belt retraction or installation.

Belt retrieval can either be from a reeling unit providing tension for reeling, or from a separately driven pinch roll drive unit.

Hydraulic belt reelers are simple in operation, requiring manual control of hydraulic valves. Electric units provided extremely accurate tension and speed control during reeling. Reeling speed is fully adjustable to enable precise reeling of the belt.

All belt reeler designs are capable of luffing, slewing and winding belt. All standard units permit a minimum 190 degree rotation, with increased rotation available on request.

The reelers provide a minimum of 20kN reeling tension throughout the winding range of the belt roll ensuring correct reeling even at maximum roll diameters.



Pinch Roll Drive



TECHNICAL DETAILS

The belt winding unit is as follows:

Welded steel belt winding frame complete with luffing hydraulics
Pinch roll assembly, complete with clamping cylinders and pinch roll drive
Slewing drive

The belt clamp station includes:

Fixed clamp assembly located inbye of the belt reeler
Fixed clamp assembly located outbye of the belt reeler