



BELT REELER BROCHURE 01/2020

DYMOT BELT REELERS

THE FUTURE OF CONVEYOR BELT REELING

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REELER OVERVIEW

Modern Mining have created a demand to handle longer and wider belts. With less splicing preferred conveyor belts are shipped in longer lengths and equipment required to handle these are required.

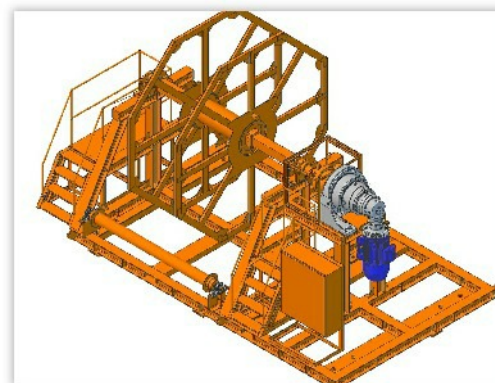
DYMOT ENGINEERING has developed Heavy Duty Conveyor Belt Reelers that can handle narrow to wide belts and can be handled with one unit that is adjustable for various belt widths. This is a great advantage for each mine as one unit can service most conveyors on site.

UNIT OPTIONS:

- Single Units
- Dual Units
(with Torque and Speed Control)
- Braked Units
- Storage Stands

FEATURES

- VFD for Speed regulation.
- Control Panel with easy operational Buttons.
- Local/Remote Feature with either Pendant/Wireless.
- Dual Reelers VFD - Torque Setting for Controlled Pay Out
- Skid Mounted Unit - Easily Moved On-Site.
- Shaft runs in Vesconite Bushing - No Lubrication Required.
- Bushing Blocks Swings Open for Shaft/Reel Removal.
- Quick Lift Out Shaft Coupling - No Bolting.
- Centralising Guides (Optional)
- Park Brake on Motor.
- Adjustable Belt Width Locators on Shaft.
- Anchoring Points in Base.
- Proven Reliability.
- Double Door Panel for component Protection.
- Stairs and Hand Railing for Bushing Access.





BELT REELERS

Dymot manufactures a variety of Belt Reelers and Belt Pulling Winches to solve your Belt Replacement or Installation needs.

CALL TODAY TO ARRANGE A SITE VISIT OR SPEAK TO ONE OF OUR EXPERTS:

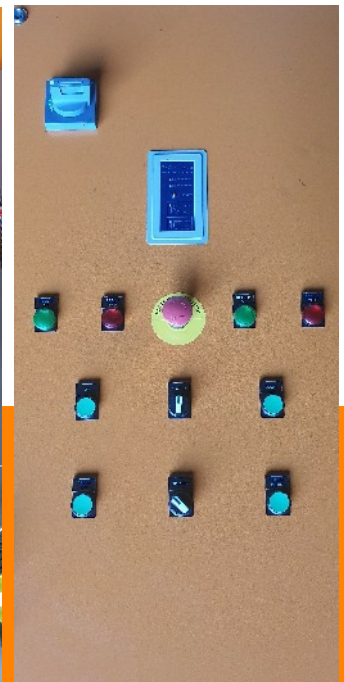
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TYPICAL SPECIFICATIONS

Belt Reeler c/w VFD Electrical Control Panel

- Width: Adjustable up to 2.1m Belt Width Max
- Reel DIA: 3 m Max
- Spool Mass: 18 Ton Max
- Capacity: 40930Nm @ DIA 500mm
- Speed: 0.172m/s @ DIA 500mm
- Force: 120000N @ DIA 500mm
- Output Speed: 6.3 RPM Max
- Control: Variable Speed 0.5 - 6.3RPM
- Reducer: 316R4 289:1 Planetary Gearbox
- Rating Mechanical: 65kW
- Rating Thermal: 45kW
- Service Factor: 2
- Max Torque: 105700Nm
- Motor: 30kW Premium Efficiency, 4 Pole with Forced Cooling
- Motor Torque: 194Nm
- Brake: FDW30 Electromagnetic Disc Brake on Motor
- Brake Torque: 400Nm
- Coupling: Rigid Flange with Open Square Insert
- Main Shaft: 150mm Square Shaft: Material EN19
- Dual Roller with Guides for Centralisation
- Skid Type Base with Mounting Holes & Forklift Access Holes

SPECIAL DESIGNS CAN BE MADE TO CLIENT REQUIREMENTS





CONTACT US TODAY

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FURTHER INFORMATION

The following information is available to view on our website WEB: www.dymot.co.za

- Winches
- Sheaves
- Counterweight Lifting Systems
- Conveyor Shuttle Systems
- Tripper Drives
- Moving Head Systems
- Lay On/Lay Off Systems
- Belt Pulling Winches
- Belt Reelers and many more

If theres anything else you'd like to enquire, don't hesitate to get in touch via the contact details above.

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