



# BELT CONVEYOR COILERS



**OX-n**



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**Belt Coiler/De-Coiler  
Belt Pulling Devices  
Belt Storage Stands**

## Belt Conveyor Changing Equipment

The replacement of belt conveyor is an unavoidable necessity and a major production downtime event for any plant. Conventional belt replacement procedure involves clamping and cutting of the existing old belt, leading and loading of the new replacement belt while simultaneously pulling out the old belt from the structure. At most conventional plants, this operation of belt changing is most likely carried out using earth movers, which is an unsafe, time consuming and labour intensive procedure. Further, it is essential to wind up the old replaced belt, in order to transport it away from the working zone and stored until further disposal plans.

This entire procedure is cumbersome and non productive in nature, thereby, establishing the importance of Thejo's 'OX-n' Mechanised Belt Changing Equipment.



THEJO offers complete Engineered Solutions for Belt Conveyor change out.

The 'OX-n' belt changing solutions ensures;

- Minimal down time of the conveyor system
- Minimising of manpower requirement for belt change overs.
- Easier handling and operation of belt conveyor
- Requires very less space, and
- Is safer than conventional methods adopted

Thejo's OX-n Belt Changing equipment are custom designed using state-of-the-art engineering and simulation software, so as to be capable of withstanding the punishing conditions at the site. Rugged design as well as quality components ensures long service life for the equipment.

OX-n complete solutions include design, supply, consultancy, technical support, service backup and maintenance to assure that clients obtain the best benefits at the lowest costs.

## MAIN FEATURES of 'OX-n' Solutions

The main features of OX-n Belt Coiler solutions are;

- User friendly and simple operations, reduces the dependency of skilled technicians
- Design are capable of Forward and Reverse runs of the winder
- Planetary reduction gear box compacts the size of the equipment.
- Fail safe breaking system provides for added safety of operator and equipment.
- Anti friction bearing with hinged covers for drive shaft support reduces the motor capacity required.
- Customized designs to suit the requirement of the customer.
- Available in Hydraulic or Electrical drive options



'OX-n' – Coiler cum De-coiler



- **OX-n BELT COILER**

**Belt Coiler** is primarily used for pulling and winding old belts from the conveyor structure or Belts festooned and stored on the ground.

- **OX-n BELT DE-COILER**

**Belt De-coiler** is used for maintaining the continuous feed of required length of new belt in to the conveyor system.

The size and capacity of the Coiler/De-Coiler equipment depends on various factors viz. Belt length, Weight, width & Thickness etc.

**OX-n SPECIAL PULLING DEVICE**

Heavy Pulling loads necessitate larger Drive and gears, which are expensive and increases the size of the Coiler. This leads to practical problems viz. transporting, handling and operations.



- **OX-n PONY DRIVE**

Is a specialised & compact pulling device, designed for managing heavy pull loads. It functions in tandem with the coiler and acts as the primary belt pulling device. It maintains a constant feed to the Coiler, thereby reducing the pull load required for the effective functioning of the Coiler. This enables economic options for Drive and Gear ratings of the Belt Coilers.

- **OX-n BELT STANDS**

OX-n belt conveyor stands are made to customer specific requirement. The Stands come with braking system as an option. Stands for normal Round and Race Track Spools are available.

- **COILER/DE-COILER Systems**

OX-n systems come with a versatile single combined system of Coiler & De-coiler. These systems are ideal for speedy replacement of belting, reducing the time required for these changeovers drastically.

- **PORTABLE/MOBILE Systems**

OX-n systems are available in trolley mounted mobile units options, to suit transportation within sites or to Project sites in ready to use condition, thereby reducing required mounting and assembly times.





# OX-n Coiler/De-Coiler OX-n Pulling Devices OX-n Stands

Belt Conveyor COILER/DE-COILER

Belt Conveyor Coiler

Belt Conveyor De-Coiler

Belt Conveyor Pulling Devices

Belt Conveyor Stands

Portable Systems



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