

# Series ECTR Conveyor FEATURES

## RAPAT SERIES ECTR: THE COMPLETELY ENCLOSED TROUGHING ROLLER CONVEYOR

With today's tight safety regulations and environmental concerns, completely enclosed conveyors are becoming more common. Whether it is to reduce environmental contaminants, provide a safer working environment for employees, or to maintain the integrity of your products by reducing contamination, the Rapat ECTR line of heavy-duty conveyors have the features you're looking for.

No matter what your material handling or overall capacity requirements, Rapat has a system that is easily and affordably custom tailored to suit your needs.



Above: CEMA standard 3-Roll Troughing idlers carry the load.  
Left: Snap-on cover attachment system means quick, easy enclosure access!



Series ECTR Conveyors have access hatches located at every critical inspection point, allowing easier inspection, maintenance and repair.

## WE'VE GOT YOU COVERED

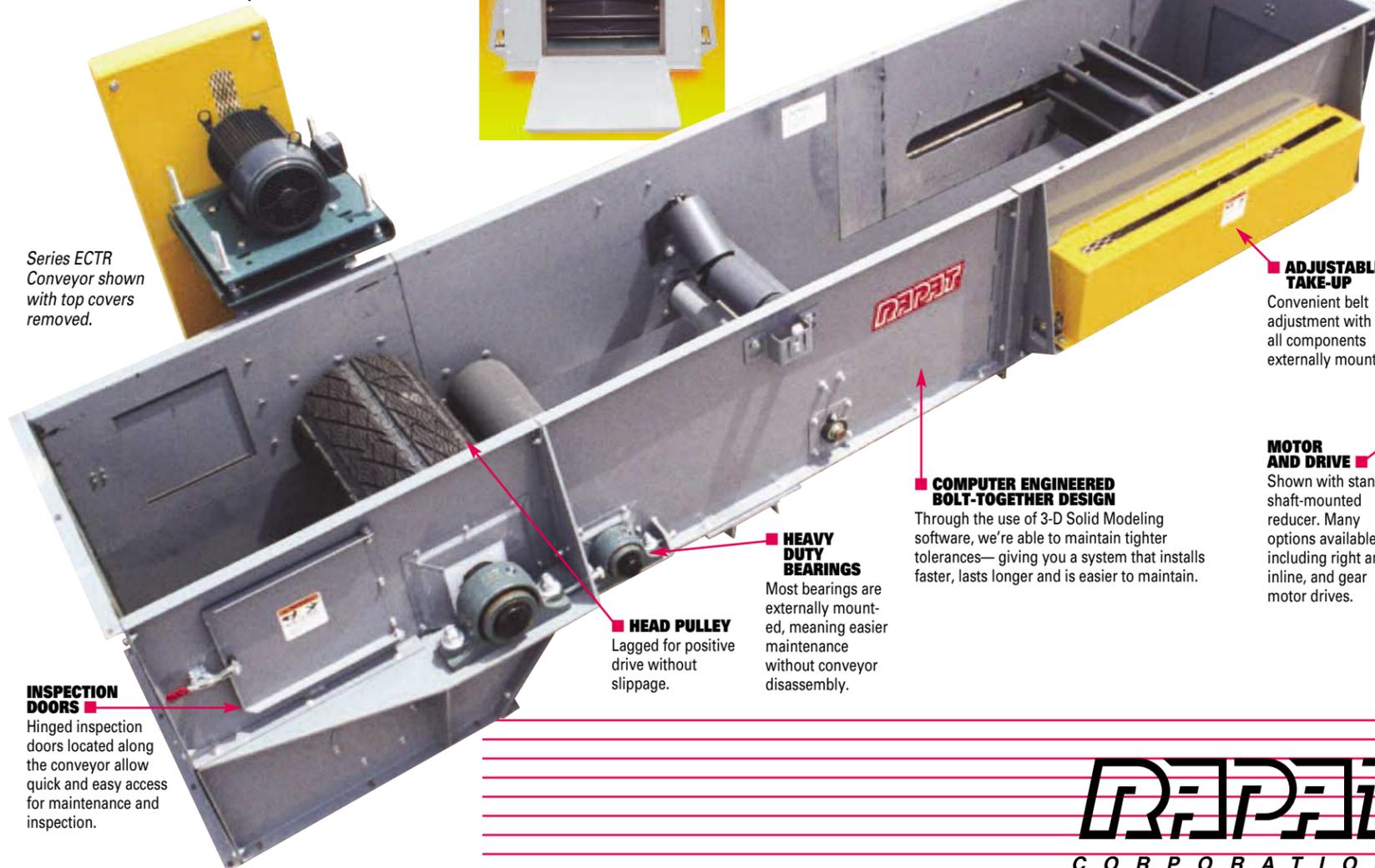
Different installations have different requirements. Maybe you would like to keep the wind and weather away from your product, and require enclosure on the sides and top only? Our ECTR Conveyor will suit you perfectly! Or perhaps your installation is in a dust-sensitive area, and you need to keep potentially hazardous dust to a minimum— requiring a fully enclosed and sealed conveyor. In this instance the Rapat ECTR conveyor will provide the containment you need without sacrificing durability or performance.



Series ECTR Conveyor shown with top covers installed for weather-tight operation.

## TROUGHING ROLLERS CARRY THE LOAD

Our Troughing Roller system is designed to reduce friction and shape the belt to form a "U" shaped trough, allowing higher capacities and lower maintenance.



Series ECTR Conveyor shown with top covers removed.

### INSPECTION DOORS

Hinged inspection doors located along the conveyor allow quick and easy access for maintenance and inspection.

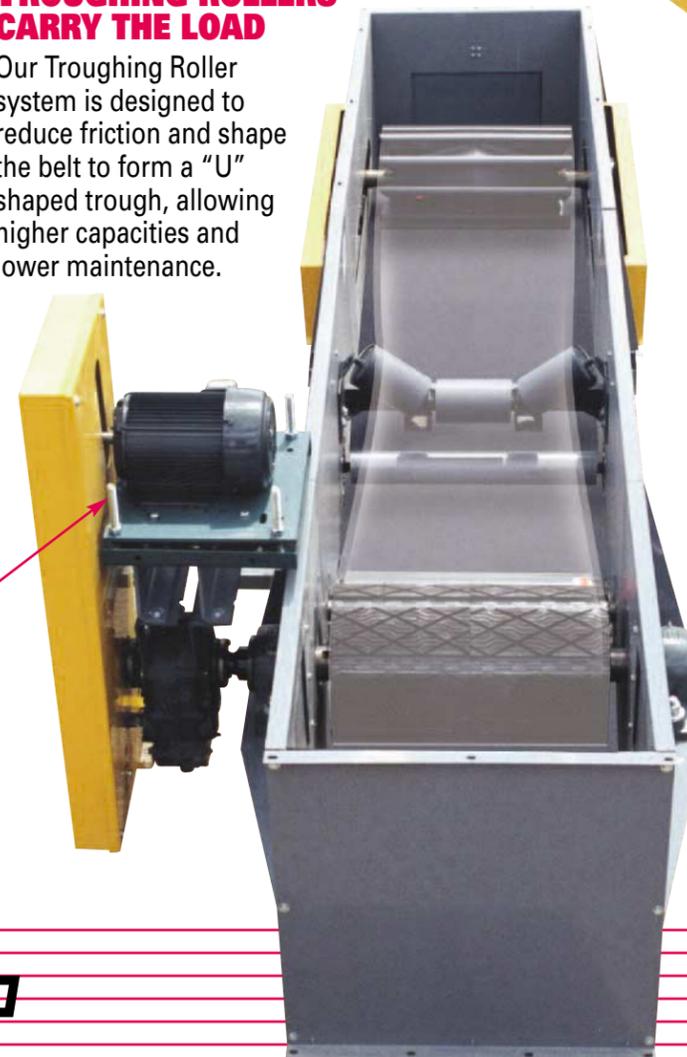
**HEAD PULLEY**  
Lagged for positive drive without slippage.

**HEAVY DUTY BEARINGS**  
Most bearings are externally mounted, meaning easier maintenance without conveyor disassembly.

**COMPUTER ENGINEERED BOLT-TOGETHER DESIGN**  
Through the use of 3-D Solid Modeling software, we're able to maintain tighter tolerances— giving you a system that installs faster, lasts longer and is easier to maintain.

**ADJUSTABLE TAKE-UP**  
Convenient belt adjustment with all components externally mounted.

**MOTOR AND DRIVE**  
Shown with standard shaft-mounted reducer. Many options available, including right angle, inline, and gear motor drives.



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- Enclosure keeps dust and emissions contained within the enclosure for a safer, cleaner work environment.
- Inspection doors located at head and tail as well as throughout the enclosure to provide quick, simple access for inspection, cleanout and maintenance.
- Allows for dusty, dirty or dangerous products to be moved without affecting the environment immediately surrounding the conveyor.
- Can be supplied with or without bottom covers for a partially enclosed or totally enclosed system.
- Utilizes CEMA standard components such as carrying & return idlers and head and tail pulleys.
- Conveyor frame is built in 10' sections for easy handling, shipping and installation. Each 10' frame section is jig welded with structural angle flanges to ensure a strong, square fit consistently on every section.
- Head & tail shafts are sealed with UHMW & felt seals to prevent excess dust and product from escaping through the shafts.

**RAPAT**  
CORPORATION