

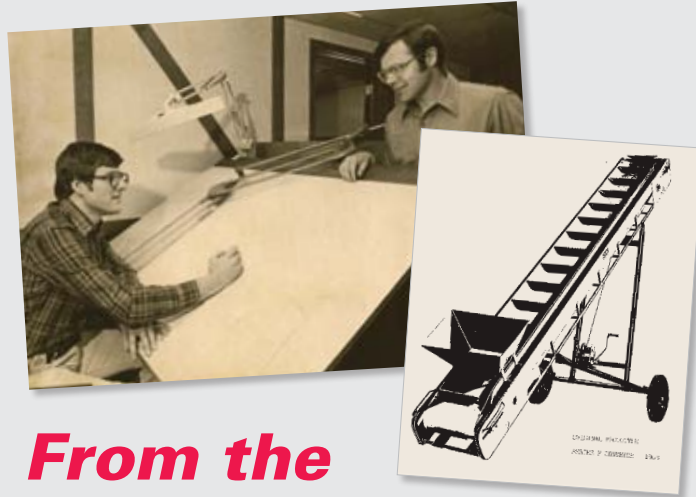
RAPAT
CORPORATION



INDUSTRIAL CONVEYORS

RAPAT
CORPORATION

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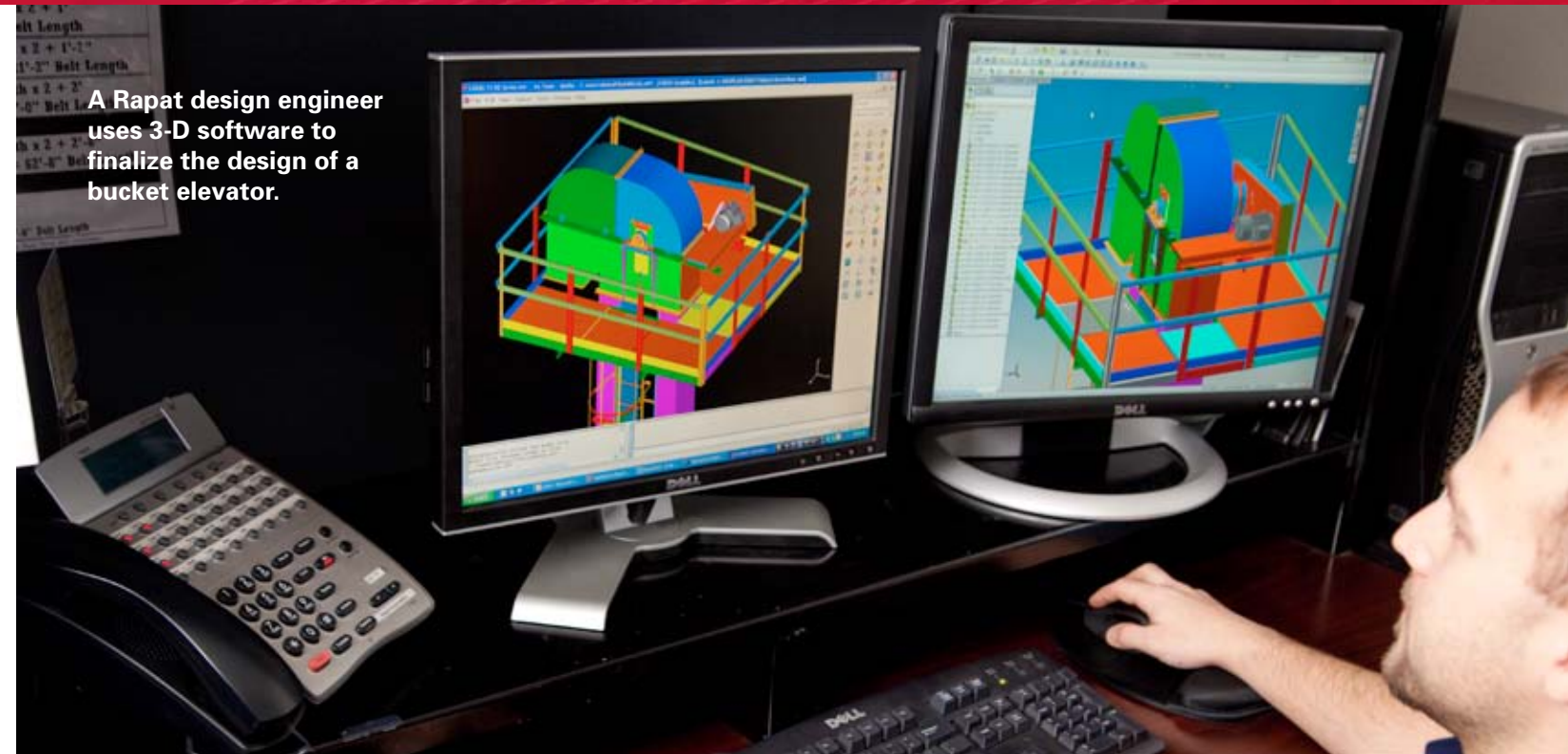


From the very beginning

Rapat started as a small facility providing custom metalwork. We have grown into a leading designer and manufacturer of material handling solutions that are shipped all over the world. We take pride in our small-town roots and still utilize the strong Midwestern work ethic. Innovative engineering and creative designs are what got us started in 1975 and those same traits remain the hallmark of who we are today.

Rapat Today

Our manufacturing facility is located in Hawley, MN. We have 90,000 square feet of space and utilize modern manufacturing equipment. Our products are made using a precision 4000-watt laser with 3-D capability and hydraulically operated computer-controlled press brakes. Our CNC equipment includes a plasma table, router, and turret punch/plasma. Our welders are AWS-certified and use flux-core equipment for all structural steel products. To produce a high-quality finish on our equipment we use a state-of-the-art finishing process that includes a washdown bay, sandblast booth and both wet enamel and powder coat finish systems. We also have a large oven to properly dry and finish the product. This provides a high quality, good looking finish that will hold up to harshest industrial environments.



A Rapat design engineer uses 3-D software to finalize the design of a bucket elevator.

Engineered Solutions

Experienced design engineering translates into quality products for each unique application. We use the latest SolidWorks 3-D solid modeling software to design our equipment. This allows our engineers to customize our products to fit your application. We don't force off-the-shelf products into unique applications. We design each conveyor to meet the specific needs of the application. Our state-of-the-art engineering software allows us to design custom equipment, produce detailed product manuals,

and create installation drawings and certified "as-built" prints. We are members of CEMA (Conveyor Equipment Manufacturers Association) and closely follow their guidelines in the design and application of our equipment. We also use Overland™ conveyor design software to ensure solid engineering principles in all our design calculations. We take pride in our engineering capabilities and it shows in everything from the approval drawing process all the way through the finished product.



It all starts with our people. We have a dedicated staff with the experience and knowledge to help you from start to finish.



We use SolidWorks 3-D design software to provide drawings and documentation of unmatched quality and detail.



A large custom coal feeder is assembled, tested and readied for shipment.



Our 3-D engineering capabilities allow you to see your equipment before it is manufactured, reducing errors and rework.



Our 4,000-watt laser has 3-D cutting capabilities and features an automatic feed table for around-the-clock production.



Quality paint starts with superior finishing equipment. We have a wash bay, sandblast booth, a wet enamel booth and a state-of-the-art powder coat system.

A frac sand facility nears completion with several Rapat conveyors, bucket elevators and support structures.



Quality

Quality processes make for quality products. It all starts with good people from top to bottom. Our staff is second to none and will stop at nothing to ensure the product we ship is top notch. We have an extensive quality standards program with dedicated personnel who make sure every detail meets or exceeds our customers' expectations. All work centers, from order entry, engineering and drafting, purchasing, welding and fabrication, painting, shipping and receiving, have documented quality procedures to ensure a quality finished product. Even our product tagging has a process that's closely adhered to. We match-mark each piece we ship with a weatherproof mylar tag that corresponds to your drawing number or customer equipment number for easy on-site identification and assembly.

Reliable industrial handling equipment

Using quality standards, in conjunction with modern manufacturing equipment operated by skilled craftsman, makes for equipment that installs and operates as intended. We build conveyors that install easily, with less labor and effort. It's easier to assemble equipment in our factory than on a jobsite, so we do as much factory assembly as possible, to save time and reduce your labor costs.



Our conveyor system accessories include structural transfer towers, transition chutes and trusses with catwalks and handrails.



Our Series FLX conveyor uses a corrugated sidewall belt for conveying up steep inclines.



A-frame structural support bents support a trussed conveyor feeding a raw material storage pile.



This transfer tower and enclosed trussed conveyor are designed to move product from bulk storage to processing.



Steep incline, dual chain drag conveyors provide positive conveyance for bulky, difficult to handle products such as wood waste.



Bucket elevator shown with head service platform, handrail and custom discharge transition.

Service

Knowledgeable customer service is critical in mechanical conveying systems. Rapat has a department dedicated to helping our customers with technical support, installation and maintenance questions, because we understand not everyone is an expert in the operation or assembly of conveying equipment. That is why we have people available to help with any number of questions from belt tracking to field assembly. We even offer on-site start-up assistance and installation supervision. Our experienced service staff works closely with our engineering group to effectively and efficiently resolve questions from the field.



Rapat has a dedicated customer service department that is available for in-house or on-site service assistance.



A Rapat bucket elevator is shown filling silos at a fly ash storage facility.



Stainless steel conveyor housing with stainless bearings and shafts are available for highly corrosive applications.



Trussed transfer conveyors move raw material to and from bulk storage.



The FLX conveyor is custom designed to fit within the space constraints of your project.



Smooth galvanized covers protect the conveyor and product. Hinges allow for easy access for belt inspection and maintenance.

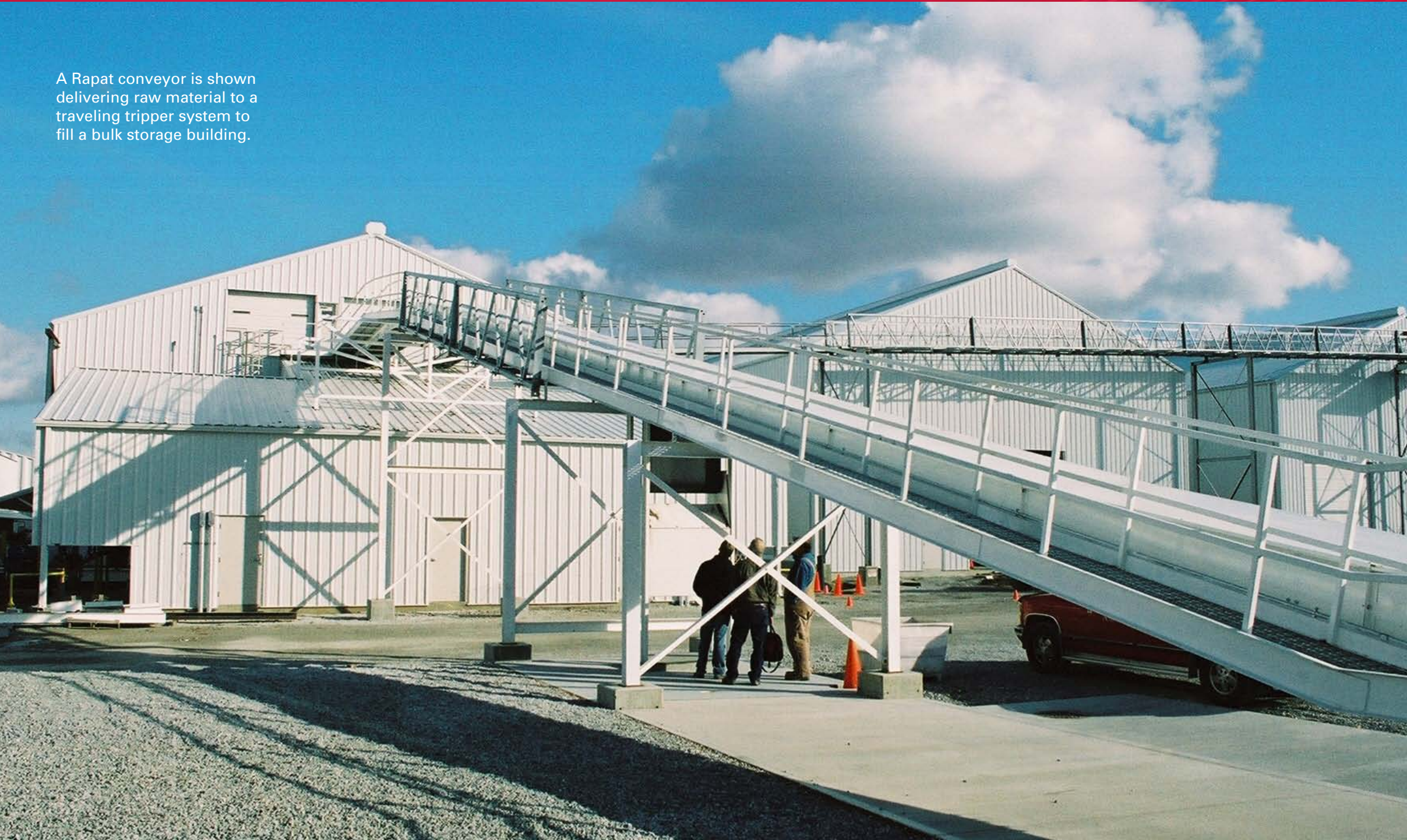


Totally enclosed conveyor discharge with easy access inspection door for tracking and maintenance.



Our trussed CTR conveyor is shown taking product to truck load-out.

A Rapat conveyor is shown delivering raw material to a traveling tripper system to fill a bulk storage building.



Reliability

When you combine advanced design, a quality product and solid customer service, you get a reliable installation and a successful project. These are the segments that we pull together seamlessly to provide you with conveyors that work day in and day out. Conveyors aren't designed to improve your image, they are designed to efficiently and smoothly move products from point A to point B; that's all we do and we do it right. We've been successful all these years because we design products that work well and save you money. We do not cut corners in our process. It is our goal to add value into every conveyor and handling system we design and manufacture. Let us put our experience and knowledge to work for you. We will help you with a solution to your problem and provide a system that will give you years of trouble-free service. You can count on Rapat.



Rapat's Quality Assurance Team reviews and inspects all components prior to shipping.



A traveling tripper with side discharge works well for filling large bulk storage areas.



A bucket elevator is shown filling limestone into a large industrial storage silo.



The almond industry uses our bucket elevators for gently moving almonds and their by-products.



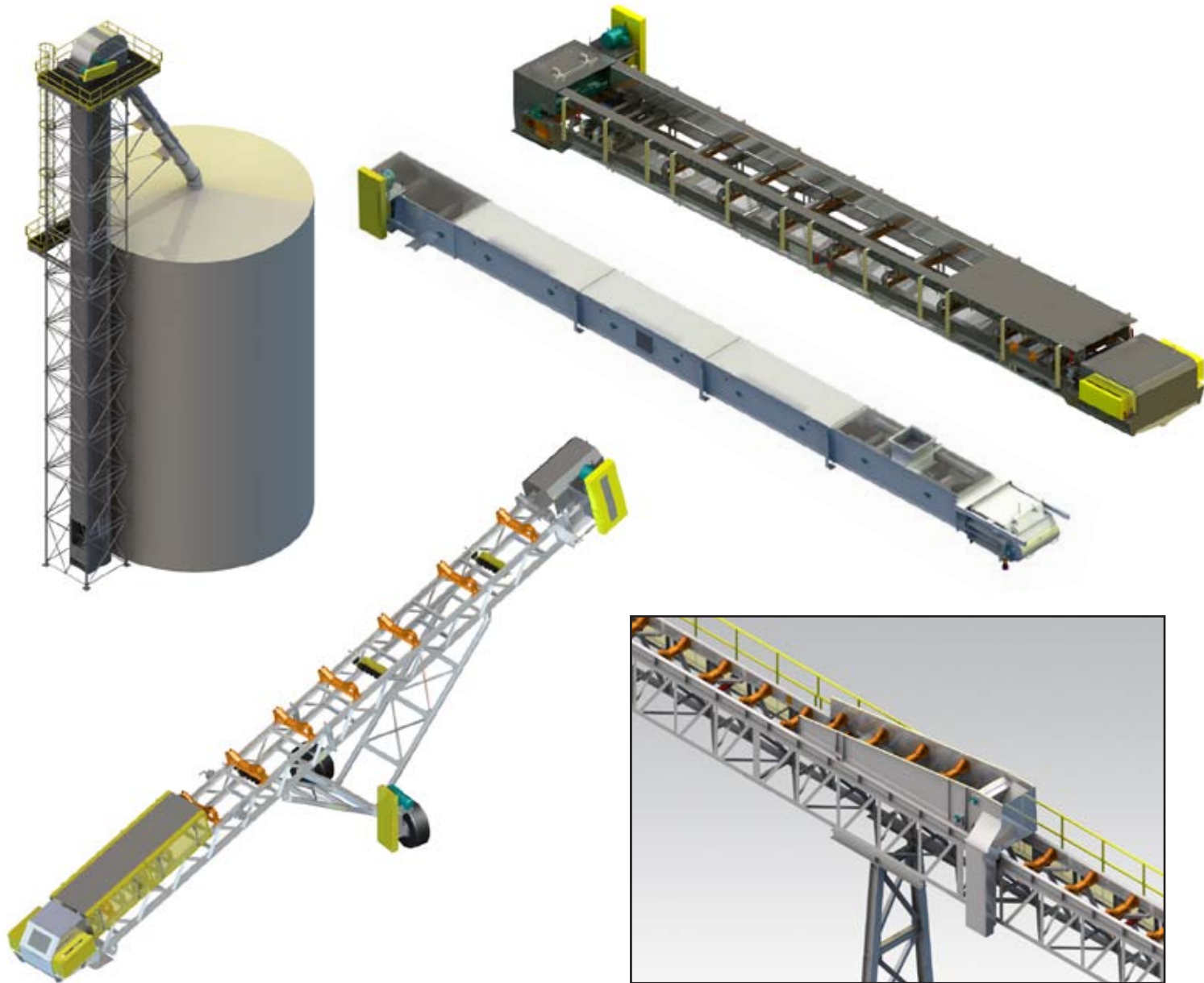
A reversing and shuttling conveyor transfers a sticky clay material into one of several storage tanks.



A trussed Rapat conveyor and transfer tower are shown moving limestone at a processing facility.



Two bucket elevators transfer fly ash from rail receiving into bulk storage tanks.



Special applications demand special options—Build it your way!

A conveyor used to handle coal will differ greatly from one designed to handle powdered detergent. At Rapat, we understand those differences and design each conveyor for your specific use.

Although it may not be obvious at first glance, a custom-designed material handling solution is more cost effective than cobbling together off-the-shelf components.

Custom Conveyors will save you time and money.

By designing a system to fit your application, you're assured an easier installation. This reduces your labor costs and saves valuable installation time. All the pieces are designed to fit in their appropriate places and function for the task at hand.



Series CTR

Rapat Corporation has been custom engineering and building the finest material handling systems available for more than 35 years. We are a preferred supplier for some of the best-known corporations in the world, including:

- 3M
- Alcoa
- BASF
- Boise Cascade
- Consumers Energy
- Eveready Battery
- Excel Energy
- Fairmont Minerals
- Ford Motor Co.
- GE
- Graymont
- Headwaters Inc.
- Monsanto
- Morton Salt
- Nestle Purina
- Ocean Spray
- POET Design & Construction
- Purina Mills
- Scotts Fertilizer
- Southern Company
- Sutter Home Winery
- Unimin
- Weyerhaeuser
- Zachary Construction