



Roller Chain Belt Conveyors

/ Collaborate / Create / Convey





Copyright

The Document and its content is copyright of Fluent Conveyors LLC © Fluent Conveyors LLC. All rights reserved. Any redistribution or reproduction of part or all of the contents in any form is prohibited other than the following:

- You may print or download to a local hard disk extracts for your personal and non-commercial use only.
- You may copy the content to individual third parties for their personal use, but only if you acknowledge Fluent Conveyors LLC as the source of the material.

You may not, except with our express written permission, distribute or commercially exploit the content. Nor may transmit it or store it in any form of electronic retrieval system.

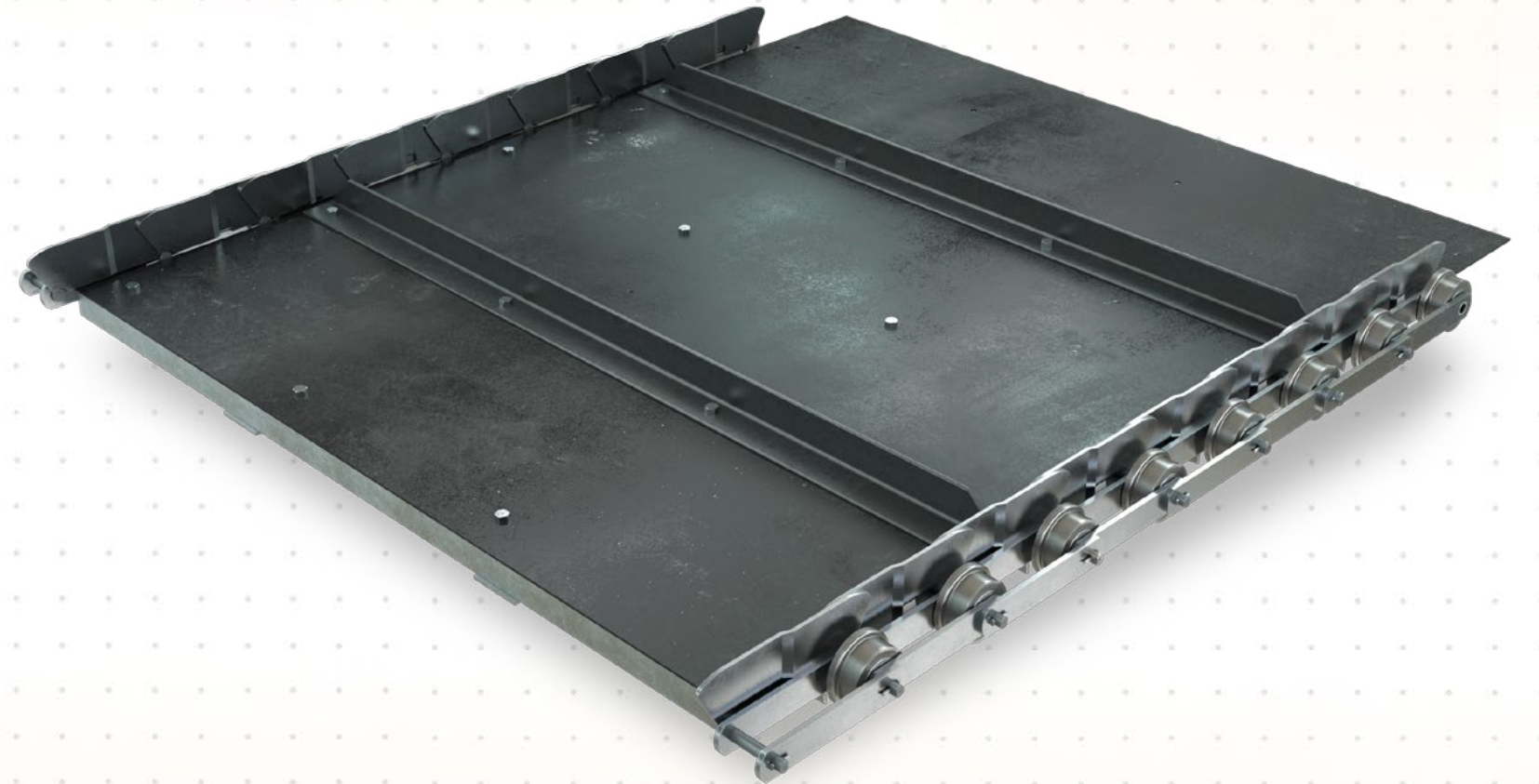


Table of Contents

Calculated Design & Performance

Best in class machinery designed for top level performance. The ultimate upgrade, we design conveyors with laser precision and flawless systems. All our machinery is built with an eye towards the future, using precise processes and components that keeps you leagues ahead of the rest.

Fluent Conveyors designs and manufactures Roller Chain Conveyors according to your unique needs – we're here to equip you in taking your business to the



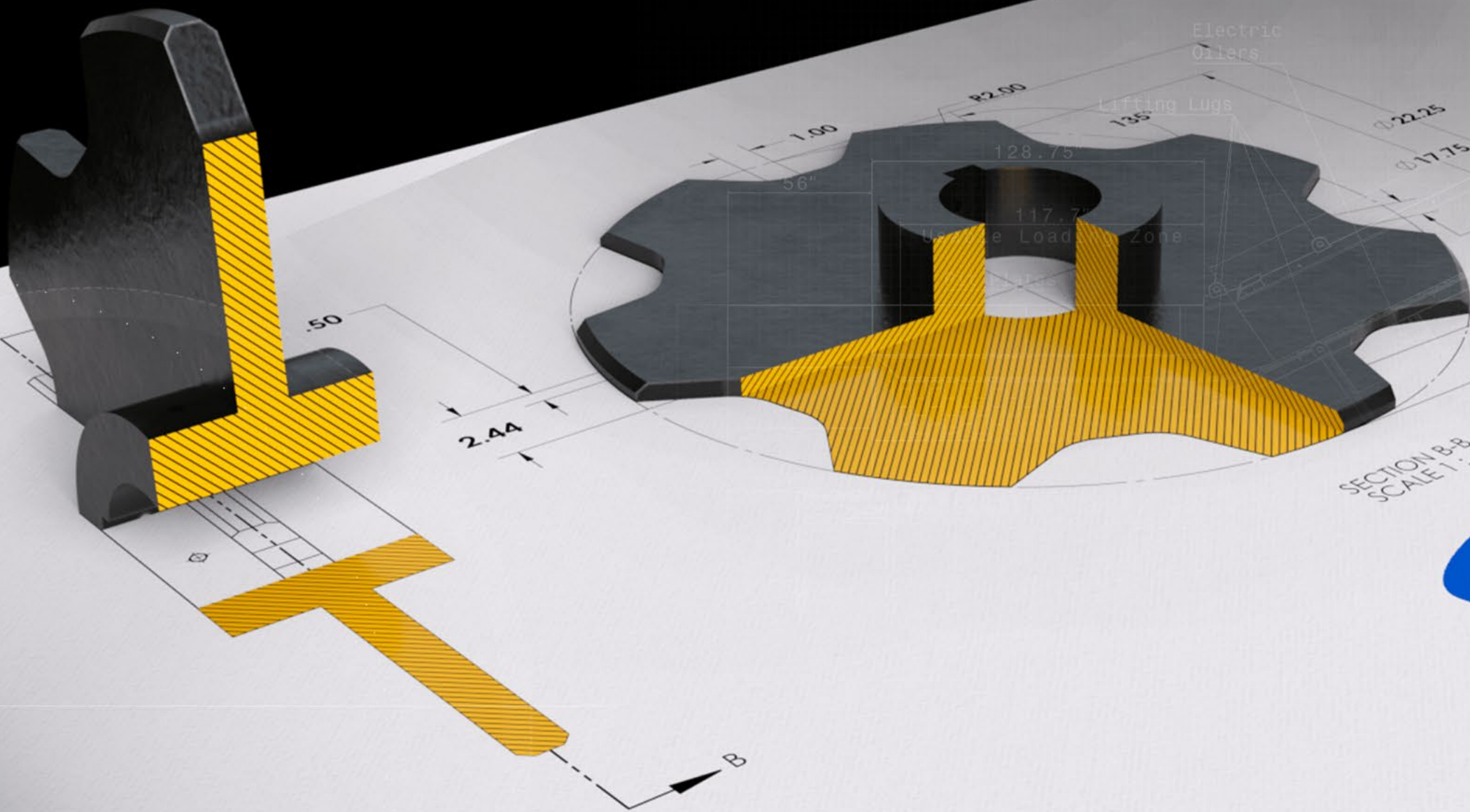
next level. Our Roller Chain Conveyors come in standard widths of 36", 48", 60", 72", 84", 96", 108" as well as custom widths to match the customer needs. Fluent offers standard load depths of 12" in the loading area and 36" for the transfer portion of the conveyor.

At Fluent Conveyors, we custom-tailor machinery to fit your unique needs. Each piece, transforming and merging your systems to work as one smart, seamless operation. The Fluent Roller Chain Conveyors can be designed from the ground up to be a perfect match for the material types and volumes being run, as well as built to fit in existing systems.

Created to fit all industry standards, while delivering high performance results that are anything but standard. Custom incline angles can be made to ensure proper fitment with existing pits, shredders, balers, building features and existing equipment. All our machinery is made from the highest quality materials for optimal performance.

Our top-of-the-line machinery does all the heavy lifting. Giving you the confidence to do your job right. Fluent Conveyors Roller Chain Supports are fully boxed for strength and knee braced to the frame to increase rigidity. The RC Series is MIG welded with certified welders and validated with a seamless QA process to ensure structural integrity.

Made for smooth delivery, the Fluent Roller Chain Series Conveyors are sand blasted prior to paint, connected with grade 8 hardware (resist corrosion and increase strength). Ensuring your machinery is made to last.



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
FLUENT CORPORATION. ANY REPRODUCTION
IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF FLUENT
CORPORATION IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:	DRAWN	CHECKED	DATE	FILE
DIMENSIONS ARE IN INCHES				
FRACTIONS: 1/16				
ANGULAR: MAX. 1/8 IN. ± .001				
TWO PLACE DECIMAL ± .001				
THREE PLACE DECIMAL ± .001				
INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5-2009				
MATERIAL: Hardened Steel				
FINISH				
DO NOT SCALE DRAWING				

9-37100TH Spool

SHEET PART # **B**

Design &
Engineering

Detailed & Customized Engineering

FLUENT CONVEYOR DESIGN GUIDELINES

Fluent Conveyors Roller Chain Series Conveyors are designed with cutting edge software to be ahead of the curve. Giving you an edge above the rest. All machinery is validated using premium 3D CAD software and manufactured to industry leading tolerances and standards. After completion of a design, the engineering team releases to quality assurance, allowing secondary engineers to validate critical dimensions, calculations and manufacturability. After initial and secondary engineering approvals, projects are released to purchasing and the manufacturing facility by the lead manufacturing engineer. Our experts only approve the highest caliber work to ensure you're working with nothing but the best.

FLUENT CONVEYOR MANUFACTURING GUIDELINES

Fluent Conveyors Roller Chain Series conveyors are made in innovative facilities to equip you to level up your business. With all the industry leading equipment and processes, Fluent Conveyors production team has over 100 years of combined experience paired with a facility of more than 85,000 square feet. The core facility has a paint booth, 40,000 square feet of dedicated assembly, 6 – welding stations, CNC fabrication equipment, 10 – overhead cranes and more. Parts are cut/machined on CNC Routed machines and bent on CNC Brakes for the best in industry tolerances. Every weld is tacked and re-measured for accuracy then completed by the staff of certified welders. Once manufactured, every conveyor passes through a 3-step finishing process ending with high grade paint. Ensuring you're working with smart, flawless machinery.

CONVEYOR TESTING OVERVIEW

All conveyors are delivered to you ready for work. Assembled and released to a detailed quality assurance checklist to make sure your machinery can hit the ground running. This includes key validations such as; weld examination, sub-assembly QC, 10 hours of tested run time, head shaft height validation, frame levelness, frame width validation, overall height/length, belt speed, belt tracking, belt and conveyor alignment, electrical requirements, incline and nose over angle verification and all other major specifications. Making sure your machinery is set up for long term success.

SHIPPING OVERVIEW

We ship the smartest way possible, to make your job easy. Fluent Conveyors Product shipments are carefully planned in CAD software to be loaded in an organized, space saving, and safe manner ensuring that all products arrive on-site the same as when they left our facility. Loose items are boxed and marked, assembled parts and components tightened to endure the rigors of freight and shipping. We're here to make sure every step of the process is seamless.

Alpha Of Conveyors Validation Method

FINITE ELEMENT ANALYSIS

We're here to transform complex problems into simple solutions. Structural analysis gives Fluent Engineers instant access to solve complex engineering problems. These tools give the Fluent Engineering Team the ability to make better, faster design decisions. With the finite element analysis (FEA) tools the Fluent Engineering Team can customize and automate solutions for your unique application and parameterize them to analyze multiple design scenarios. Optimizing your systems to level up your performance.

STRENGTH ANALYSIS

Upgrading to the highest-grade machinery means giving your business the strongest systems possible. The strength of components is a key requirement in understanding a product's performance, lifecycle and possible failure modes. Max conveyor loads, thermal stress, bolt tension, pressure conditions, belt chain pull, and rotational acceleration are just some of the factors that will dictate strength requirements for materials and designs. Fluent Conveyors Engineering Team leverages software to predict the strength required for maximum stresses under full loads. We only give you the strongest machinery to make sure you never have to stress about its performance.

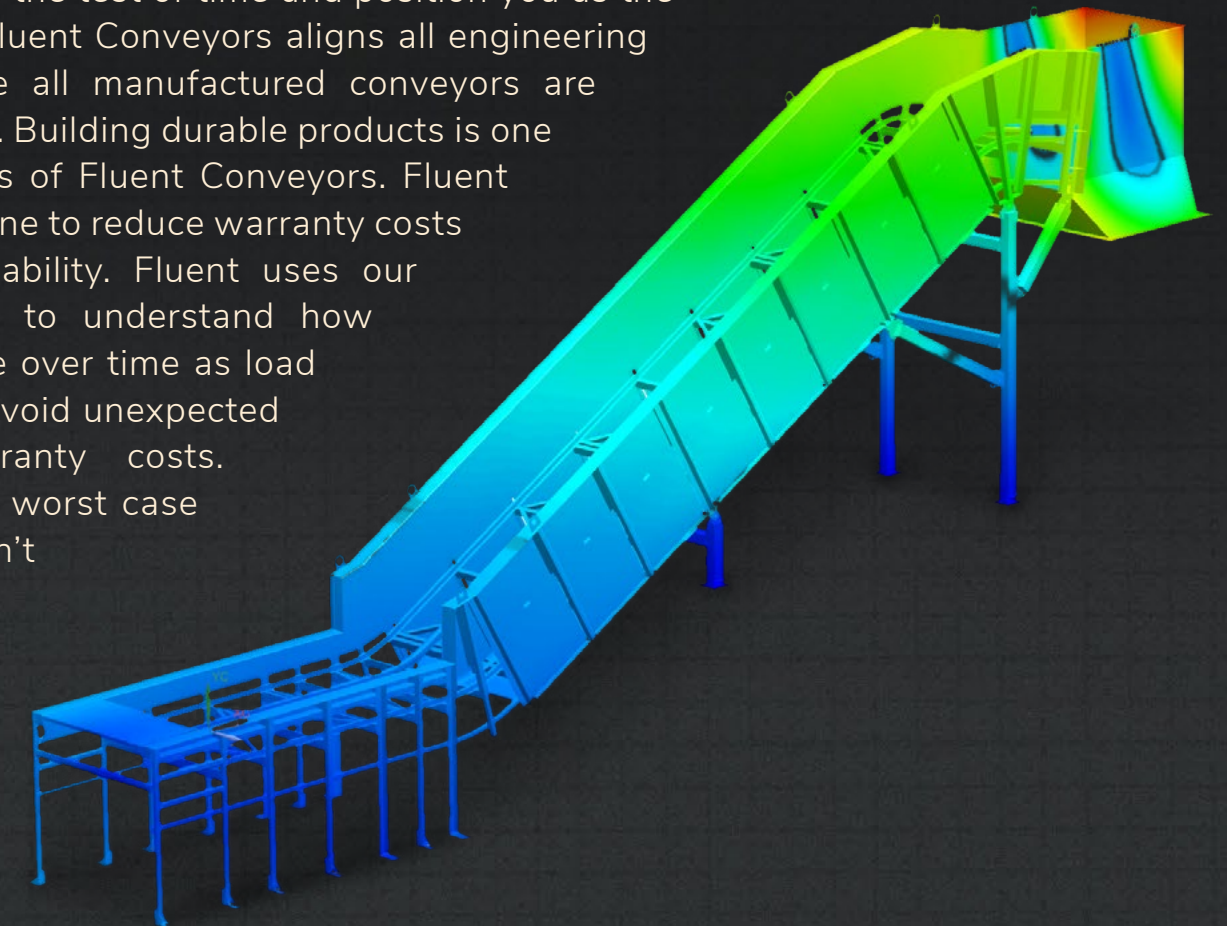
REAL-LIFE IMPACT ANALYSIS

Our Fluent Conveyors Engineering Team designs for real-life impact. We use cutting edge impact analysis testing to calculate the forces between the material being conveyed and the conveyor as well as the resultant deformation or damage. Ensuring each conveyor is designed from the ground up to handle

the real-life stresses for specific materials and applications. Engineered with grit for years of impact.

DURABILITY & ENDURANCE

Designed to endure the test of time and position you as the King of longevity. Fluent Conveyors aligns all engineering processes to ensure all manufactured conveyors are tested for durability. Building durable products is one of the main focuses of Fluent Conveyors. Fluent designs each machine to reduce warranty costs and increasing reliability. Fluent uses our modeling software to understand how designs will behave over time as load cycles increase to avoid unexpected failures and warranty costs. We plan for all the worst case scenarios, so you don't have to worry about them.



Our Process Of Perfection

COLLABORATE

At Fluent Conveyors, we look for partners over clients. Your success is our success. Every step along the way, through dynamic collaboration, we ensure high-end experience from pre-sales engineering to install.

The process starts with a detailed system design meeting in which Fluent sales and engineering staff complete a pre-project kick off call with our customer to gather all necessary info and gain a detailed understanding of their specific needs. The Engineering team designs a unique solution while working with each customer to ensure accuracy and detailed approval drawings. Ensuring your vision comes to life.

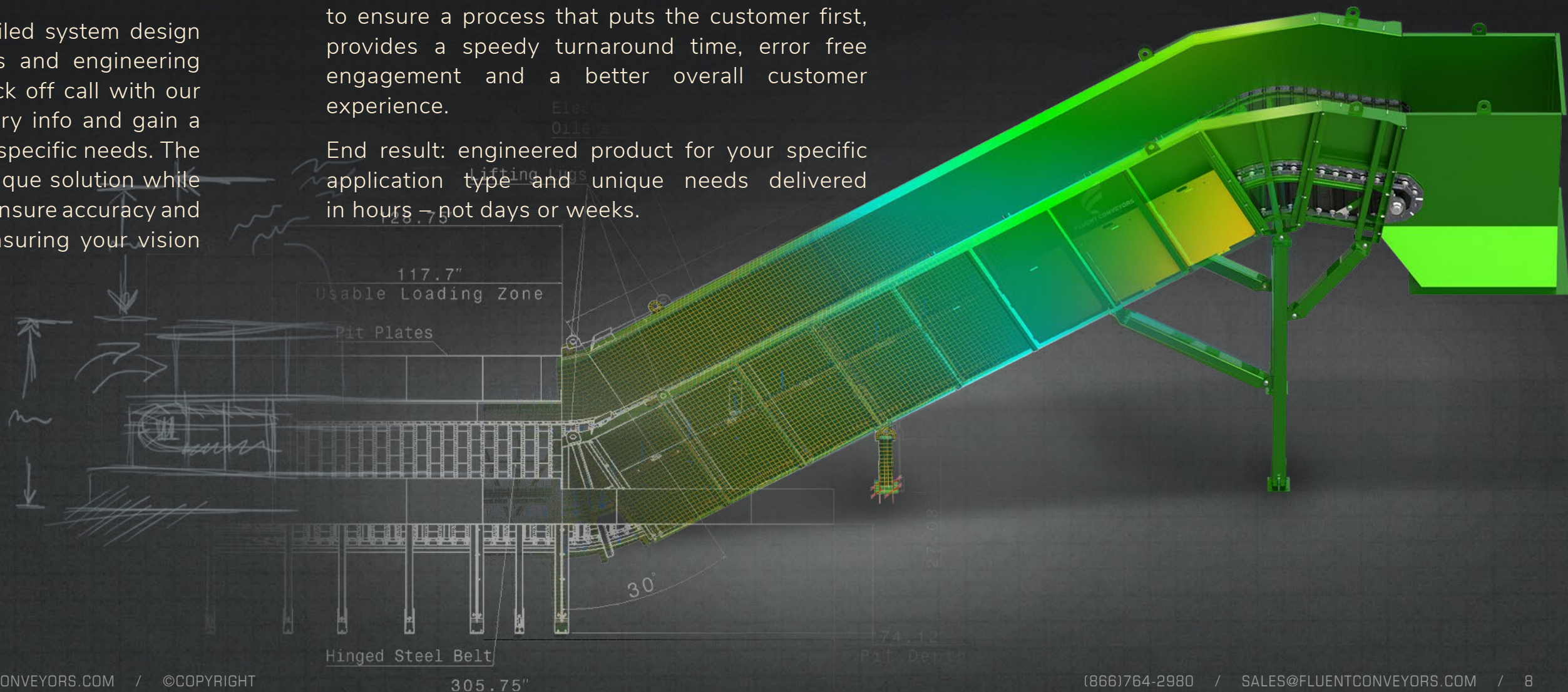
CREATE

Our open creative process ensures you're always in the driver's seat. We blend technical expertise with visionary thinking to ensure your expectations are not only met, but surpassed. Fluent Conveyors uses leading edge 3D CAD and automation tools to ensure a process that puts the customer first, provides a speedy turnaround time, error free engagement and a better overall customer experience.

End result: engineered product for your specific application type and unique needs delivered in hours – not days or weeks.

CONVEY

Our processes ensure 100's of customers across the World precise, efficient, and smooth operations. Each conveyor is tested, validated and approved to verify structural and mechanical operability. It's just that simple.



MOTORS, GEARBOXES, SHAFTS, BEARINGS AND SPROCKETS FOR POWERFUL OUTPUT

DIRECT SHAFT MOUNTED MOTORS & GEARBOXES:

Fluent Conveyors specs only premium components to complete our equipment and provide a high-quality solution. Fluent Specs Nord Gear Drive units for their quality reputation and exemplary products. Fluent Conveyors can use any specific manufacturer of motors/ gearboxes upon request.

COLD ROLLED SHAFTS:

Fluent Shafts are made from cold rolled steel rod and turned to the tightest tolerances in the industry. Every shaft is made custom to fit your specific conveyor.

HEAVY DUTY BEARINGS:

Fluent Conveyors uses bearings that boast cast iron housing, wide inner races providing for larger load capacity than standard duty, B type seals for smooth function and protection against the elements, and the bearings are sized to greatly exceed L10 life hours for the machine load.

FLAME TREATED & HARDENED SPROCKETS:

Fluent Conveyors uses abrasive applications with high shock loading. The inherent strength and flame hardened teeth of these sprockets provide maximum service in the most severe environments. The versatility of flame cut sprockets allows for specialized designs for a variety of customer requirements.



The Blue Collar Conveyor, Getting Down & Dirty Pit Roller Chain Conveyor

MEET THE FLUENT RC SERIES – THE ALPHA OF CONVEYORS.

Your instincts are right... You're looking at the most robust series of conveyors we offer. Top-of-the-line engineering created with the industry's highest manufacturing tolerances, our advanced RC Series delivers exactly what the market requires.

The Fluent Roller Chain Series is made to play in the big leagues. Fluent Conveyor's Pit Infeed Roller Chain Belt Conveyors are found in robust applications and best utilized for new and existing pits.

This model delivers exactly what the market requires for high volume rigid and abrasive material as well as high-temperature and other extreme applications. All designs are made to order and customizable. This model requires $\frac{3}{8}$ -inch-thick or $\frac{1}{2}$ -inch-thick pit plates and material is typically fed onto the conveyor with a skid steer, bobcat, front-end loader, etc. Only the best machinery, transforming your systems and business.

The King of Efficiency & Strength

ABOVE GROUND ROLLER CHAIN CONVEYOR

The Above Ground Roller Chain Conveyor is created to drastically increase productivity and keep your business running at an optimal pace.

This series of conveyors is the most robust series of conveyors we offer. This model delivers exactly what the market requires for high volume rigid and abrasive material as well as high-temperature and other extreme applications. All designs are made to order and customizable. You will always get the perfect machinery for your unique needs.

This model is available in inclined, flat, L and S shapes to fit all types of applications. This model is guarded with expanded metal on the lower horizontal (loading area) to allow for visual inspections of cleanliness and function. Flawless engineering for flawless performance.



Long Distance, High Torque

TRANSFER ROLLER CHAIN CONVEYOR

The Transfer Roller Chain Conveyor ensures smooth operations. It is made to last with easy maintenance, ensuring your system is never lagging.

Fluent Conveyor's Above Ground Transfer Roller Chain Belt Conveyors are found in robust applications and best utilized to transfer bulk materials spanning long distances and different elevations. This model delivers exactly what the market requires for high volume rigid and abrasive material as well as high-temperature and other extreme applications.

Our conveyors are extremely durable and built for high-performance that stands the test of time. All designs are made to order and customizable. This model is available in inclined, flat, L and S shapes to fit all types of applications. This model primarily used to transfer material from a "feed" conveyor or piece of equipment to another conveyor or piece of equipment.

Uniquely designed to transform your systems into one sleek, seamless operation.



Key features

OPTIONAL LOWER
HOPPER EXTENSION

SHAFT MOUNTED
GEARBOX

ELECTRIC
OILERS

Lifting Lugs

REMOVABLE TAIL
GUARDS

CUSTOM DISCHARGE
HOPPERS

ADJUSTABLE
FOOT PADS

COLD ROLLED
SHAFTS

HEAVY DUTY
BEARINGS

FLAME CUT &
HARDENED SPROCKETS

EXPANDED METAL
GUARDING

Key Features

ADJUSTABLE INCLINE FOOT PADS

ADJUSTABLE PIT FOOT PADS

CLEVIS MOUNT SUPPORTS

ELECTRIC OILER

GRADE 5 HARDWARE

GRADE 8 HARDWARE

CARRYING RAIL

LIFTING LUGS

SHAFT MOUNTED MOTOR

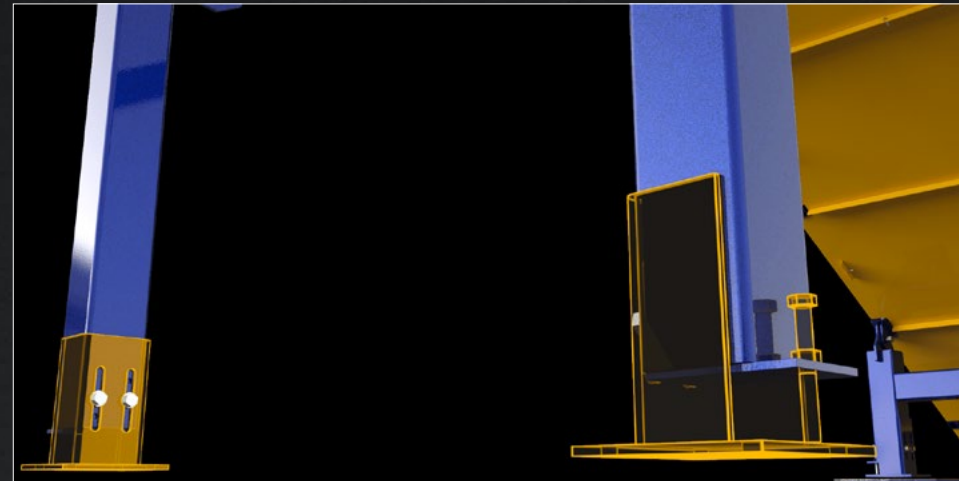
NOSE OVER ANGLE

REMOVABLE TAIL COVER

METAL EXPANDED GUARDING

SAFETY GUARDING

HEAVY DUTY FRAME SECTIONS



Adjustable Incline Foot Pads

Delivered with everything you need for seamless installation. Fluent Conveyors provides each conveyor with supports that can adjust +/- 1.75" on the above grade supports. These come standard with jacking bolts to allow for easier leveling and install. Giving you a seamless experience.



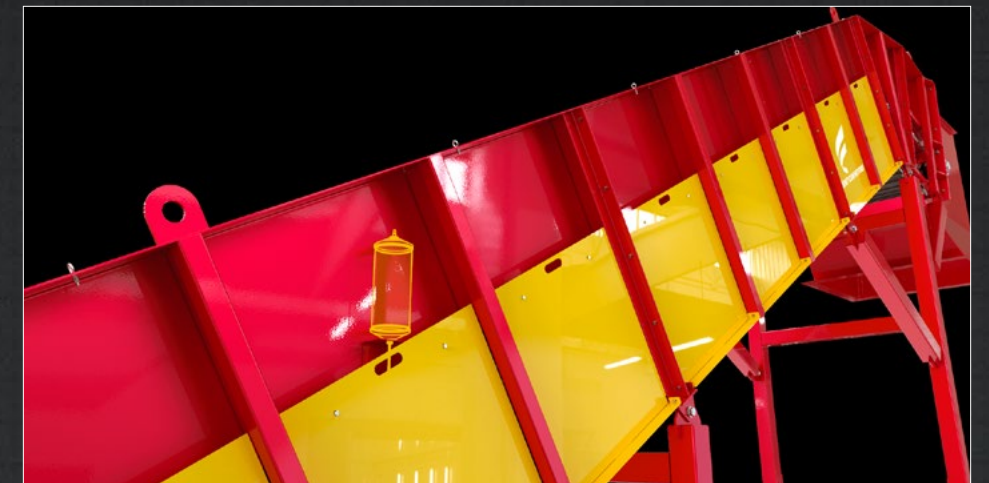
Clevis Mount Supports

Robust components to take on the heavy lifting. Fluent Conveyors supplies our conveyors with supports and knee braces that are clevis mount using $\frac{3}{8}$ " and $\frac{1}{2}$ " thick plate steel. These connections are designed to be robust and simplify install. Making your job as simple as possible.



Adjustable Pit Foot Pads

Precise installation for a level foundation. Fluent Conveyors provides each pit section with +/- 1" Adjustable Foot Pads with jacking bolts spread evenly throughout to allow for easier leveling and install. So you can get moving faster.



Electric Oiler

Simplifying long term maintenance for systems that outlast the rest. Fluent Conveyors supplies solenoid driven auto oilers paired with a nylon brush wheel to ensure even and consistent oil distribution on the rollers and chain. This is to simplify maintenance and increase the life of the machine up to 30x longer. Top-of-the-line performance built to stay ahead of the rest.

Key Features

ADJUSTABLE INCLINE FOOT PADS

ADJUSTABLE PIT FOOT PADS

CLEVIS MOUNT SUPPORTS

ELECTRIC OILER

GRADE 5 HARDWARE

GRADE 8 HARDWARE

CARRYING RAIL

LIFTING LUGS

SHAFT MOUNTED MOTOR

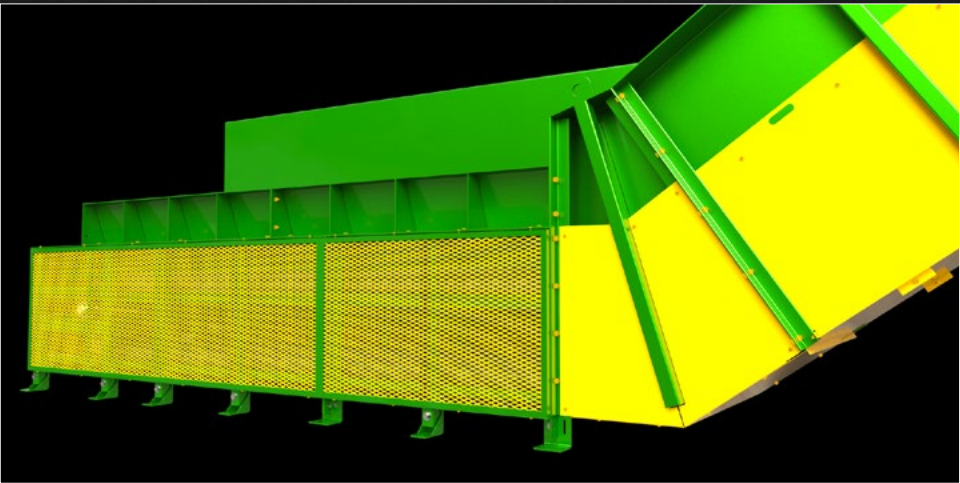
NOSE OVER ANGLE

REMOVABLE TAIL COVER

METAL EXPANDED GUARDING

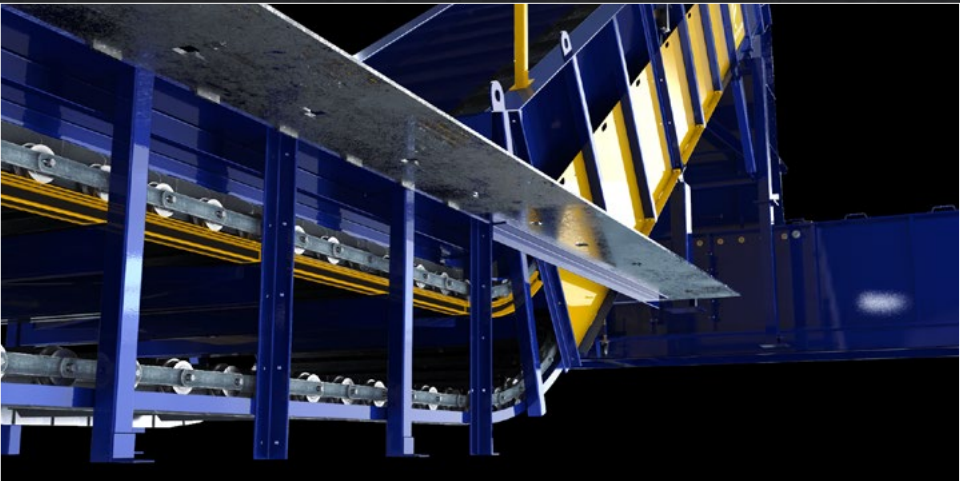
SAFETY GUARDING

HEAVY DUTY FRAME SECTIONS



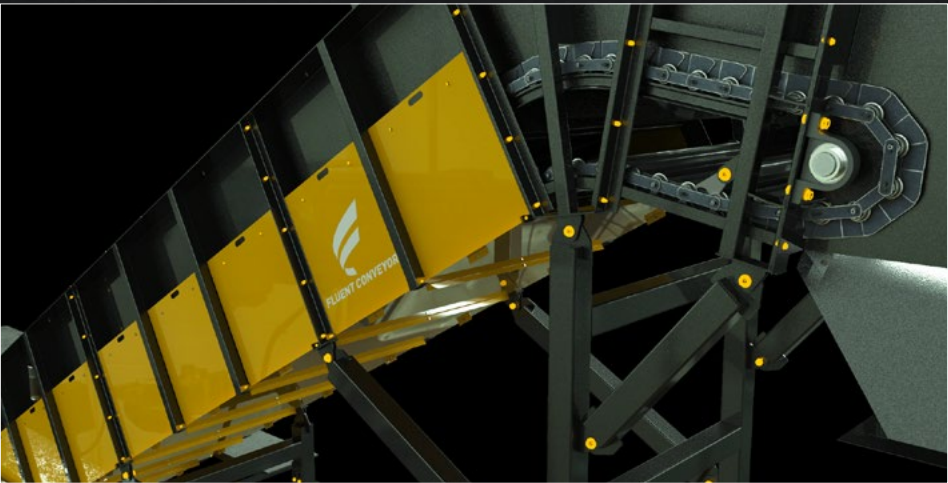
Grade 5 Hardware

Fluent Conveyors provides Grade 5 Hardware for non-load bearing connections such as side guards and bottom guards.



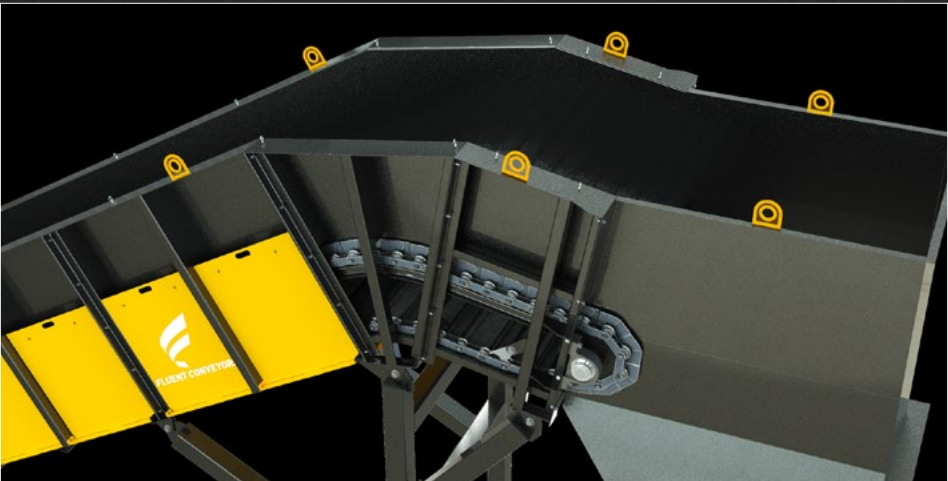
Carrying Rail

Load bearing guides for seamless performance. Fluent Conveyors roller chain conveyors use custom rolled and formed 25lb rail for our carrying track.



Grade 8 Hardware

Top grade hardware you can trust. Fluent Conveyors uses only Grade 8 Hardware for all load bearing and mechanical connections. This hardware is hardened and plated to provide a more robust and extreme element resistant solution.



Lifting Lugs

Strategic engineering for simplified maneuvering and installation. Fluent Conveyors provides all equipment with strategically located 1/2" thick plate steel lifting lugs to simplify rigging and install.

Key Features

ADJUSTABLE INCLINE FOOT PADS

ADJUSTABLE PIT FOOT PADS

CLEVIS MOUNT SUPPORTS

ELECTRIC OILER

GRADE 5 HARDWARE

GRADE 8 HARDWARE

CARRYING RAIL

LIFTING LUGS

SHAFT MOUNTED MOTOR

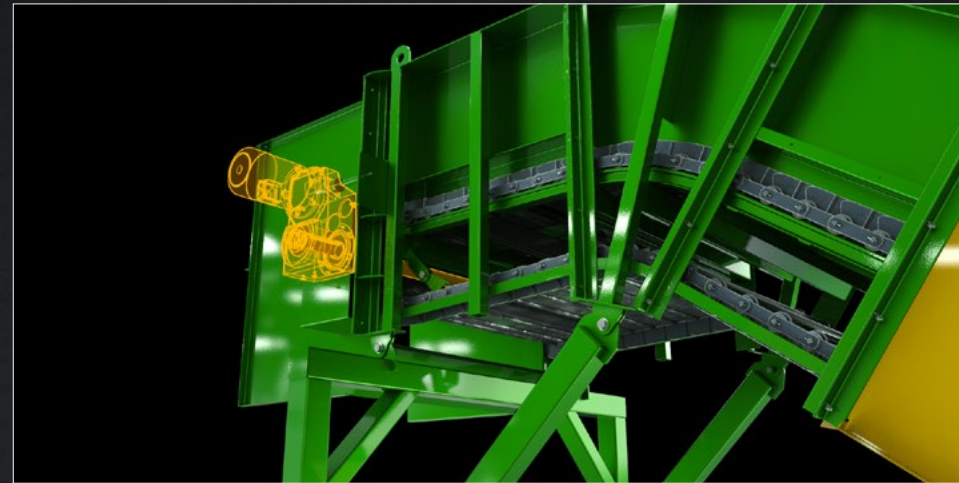
NOSE OVER ANGLE

REMOVABLE TAIL COVER

EXPANDED METAL GUARDING

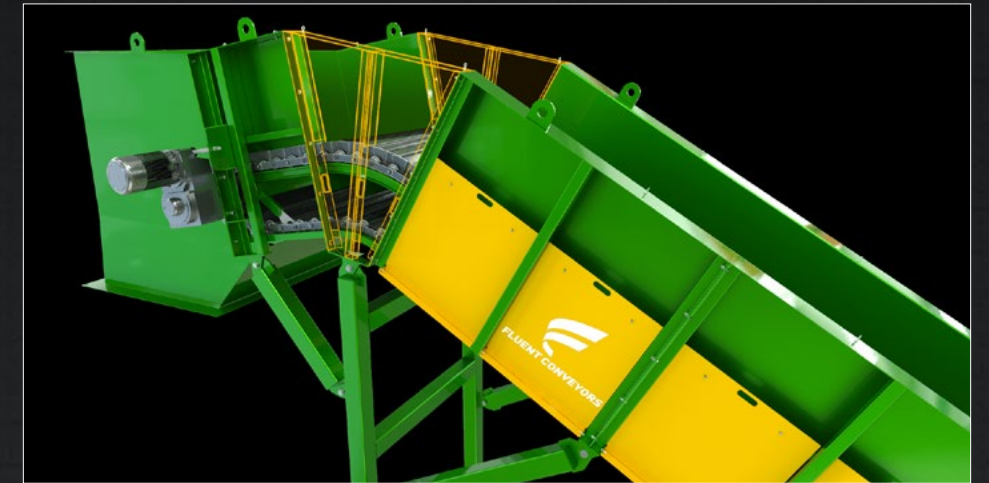
SAFETY GUARDING

HEAVY DUTY FRAME SECTIONS



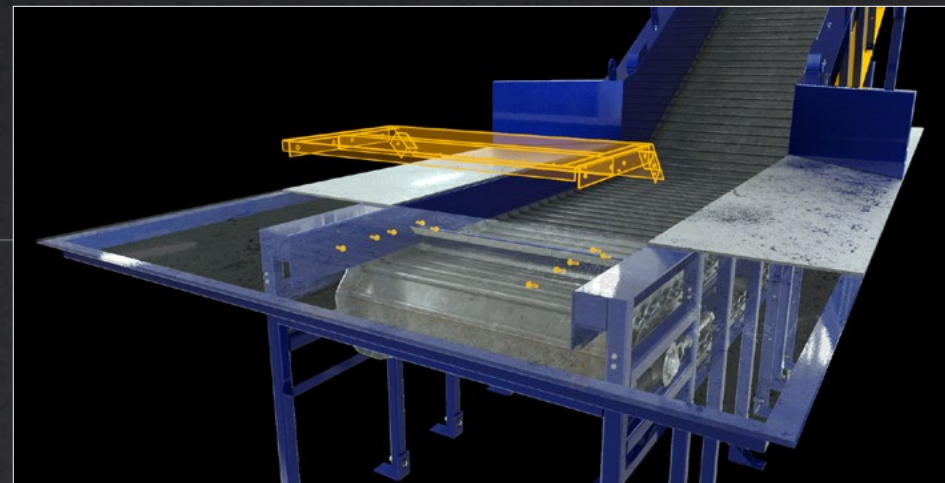
Shaft Mounted Motor

Smooth drive guaranteed. Fluent Conveyors Specs Nord Gear drives and motors to provide a premium quality drive unit. *Other drive unit manufacturers can be supplied upon request.



Nose Over Angle

Custom tailored to maximize your throughput. Fluent Conveyors custom designs each machine to the customer needs. We can provide incline and nose over angles from 0 to 45 deg.



Removable Tail Cover

Easy access for effortless maintenance. Fluent Conveyors RC series machines are designed with robust removable tail covers (10 bolts) to provide easy access for belt removal/replacement.



Expanded Metal Guarding

Fluent Conveyors provides all above ground RC series conveyors with expanded metal guarding on the lower horizontal to keep your employees safe.

Key Features

ADJUSTABLE INCLINE FOOT PADS

ADJUSTABLE PIT FOOT PADS

CLEVIS MOUNT SUPPORTS

ELECTRIC OILER

GRADE 5 HARDWARE

GRADE 8 HARDWARE

CARRYING RAIL

LIFTING LUGS

SHAFT MOUNTED MOTOR

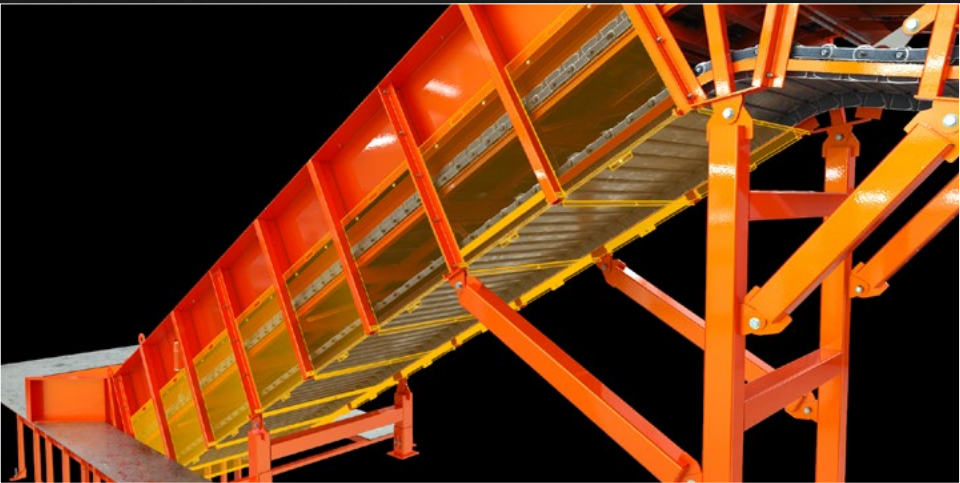
NOSE OVER ANGLE

REMOVABLE TAIL COVER

EXPANDED METAL GUARDING

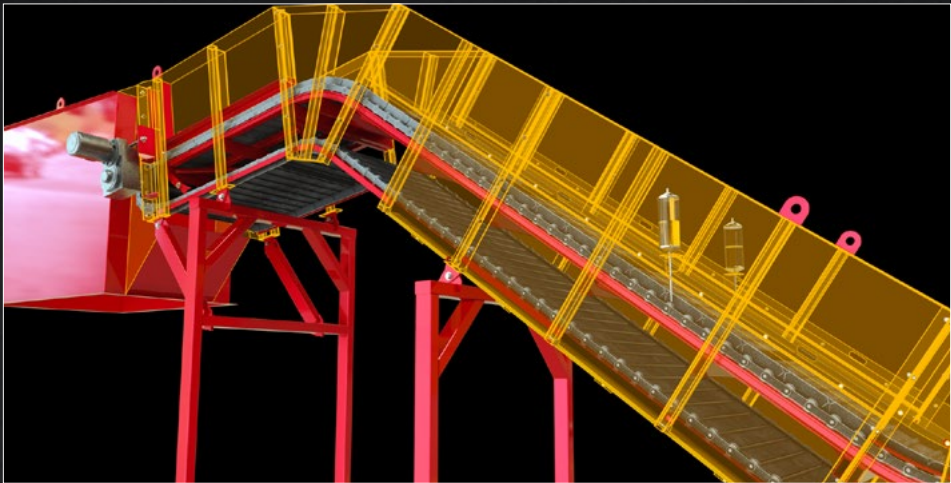
SAFETY GUARDING

HEAVY DUTY FRAME SECTIONS



Safety Guarding

Ensuring your team stays safe on the job. Fluent Conveyors provides 10 gauge formed sheet safety guarding up to 8' above the floor standard. It is optional to have a fully guarded conveyor or use expanded metal guards.



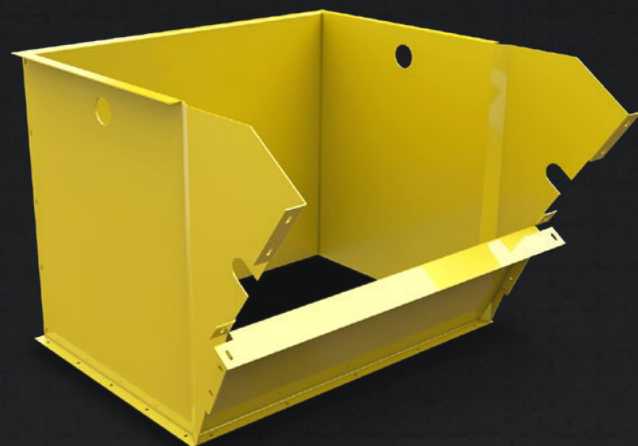
Heavy Duty Frame Sections

Designed to optimize endurance for years of heavy lifting. Fluent Conveyors builds the RC series machines using ASTM A-36 Steel $\frac{3}{16}$ " wall structural tubing and $\frac{1}{4}$ " thick formed steel plates with 25lb rail and precisely positioned gussets.

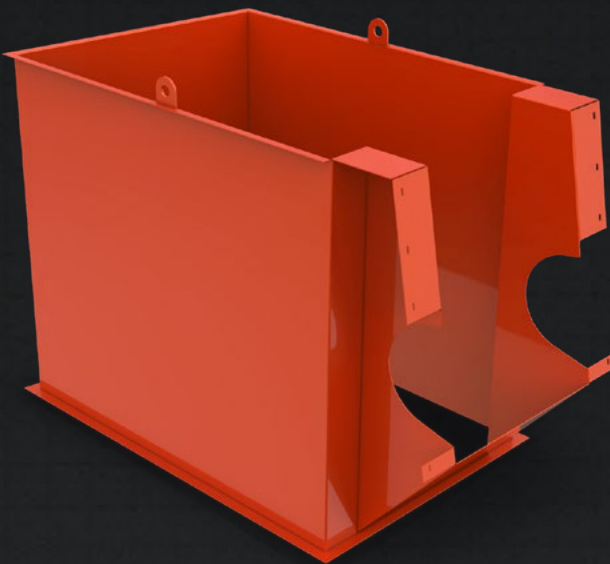
Optional Custom Discharge Hoppers

/ Collaborate / Create / Convey

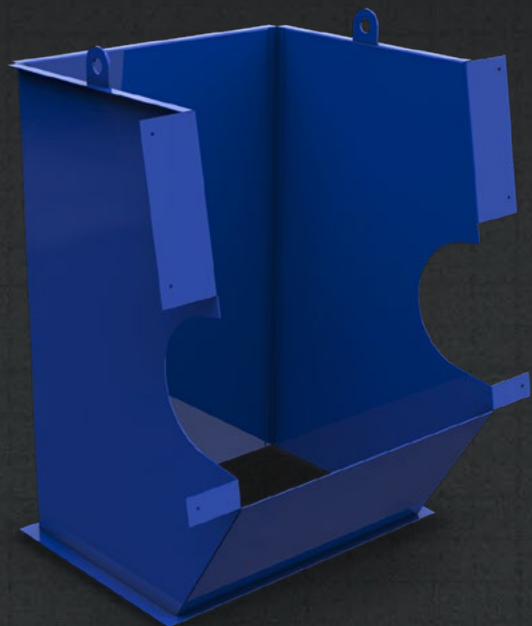
Small
Discharge Hopper



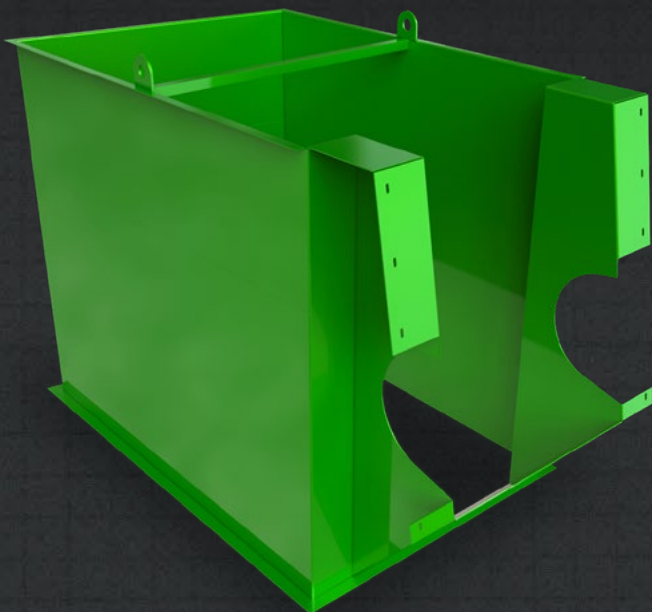
Medium
Discharge Hopper



Large
Discharge Hopper

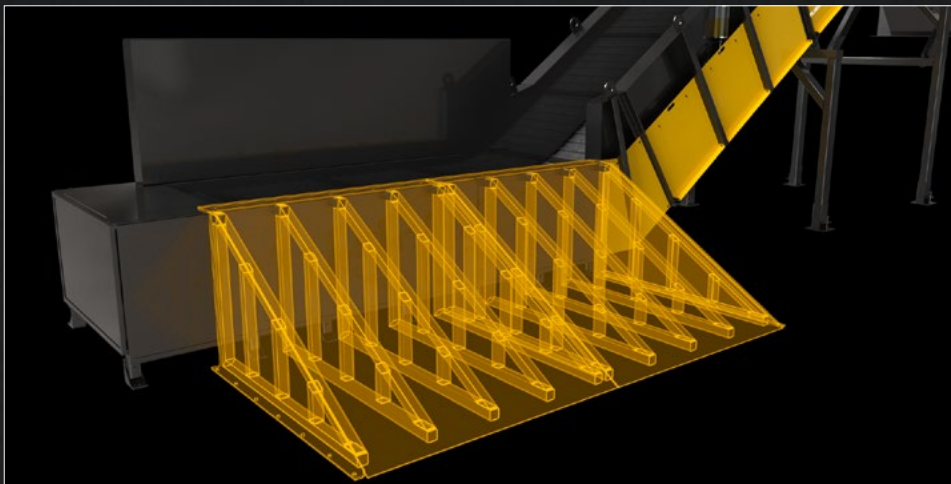


X-Large
Discharge Hopper
with Window

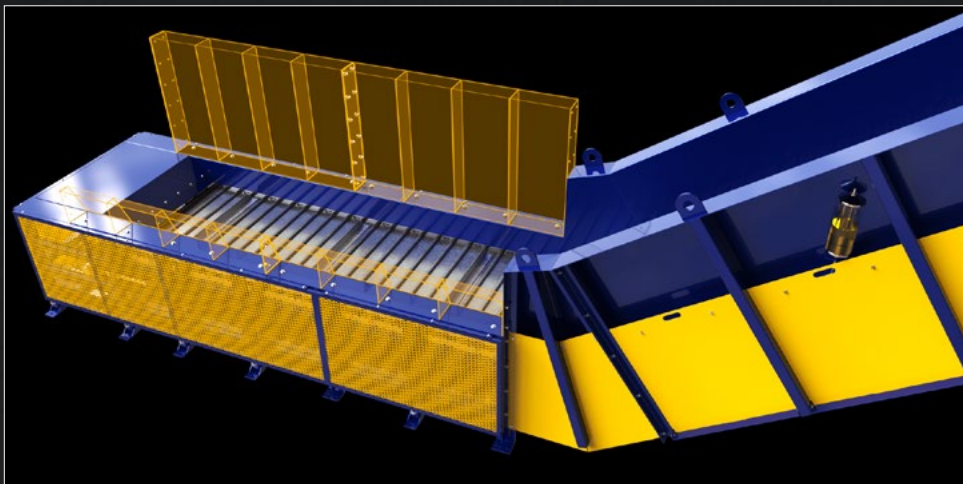


Additional Requested Custom Roller Chain Options

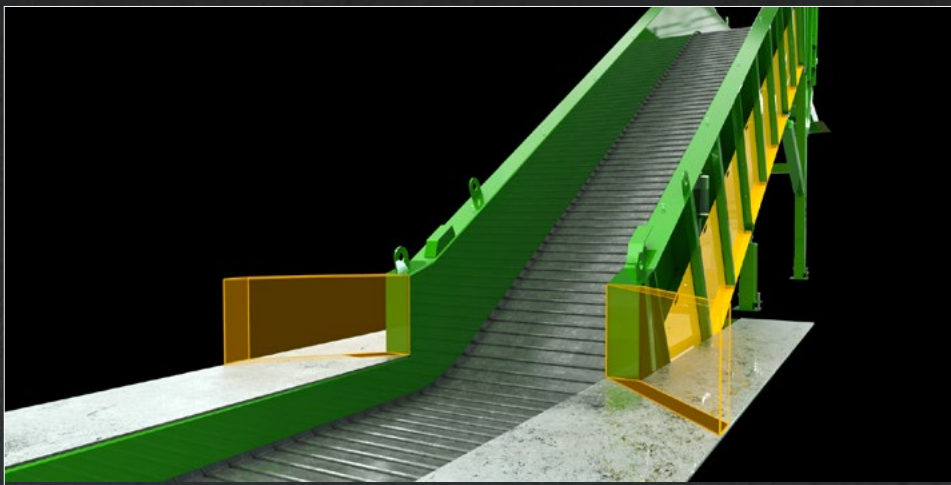
/ Collaborate / Create / Convey



Heavy Duty Push Up Ramps



Heavy Duty Lower Load Hopper



Heavy Duty Side Wings



$\frac{1}{2}$ " Thick or $\frac{3}{8}$ " Thick Pit Plates
(Keyed or Non-Keyed)



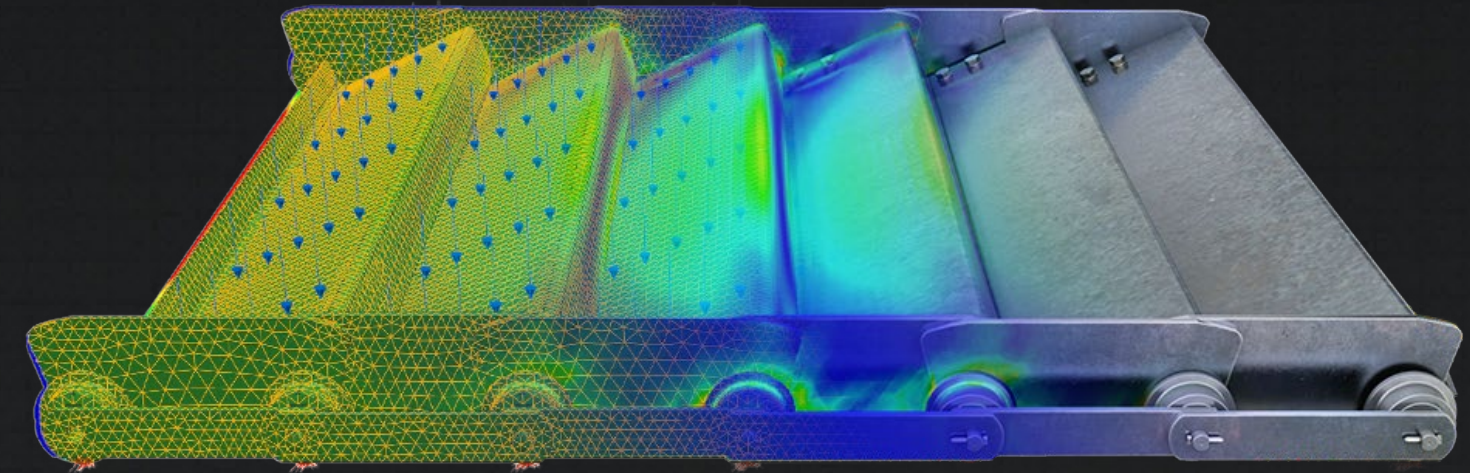
FLUENT ROLLER CHAIN CONVEYOR REPLACEMENT BELT SERIES

Z PAN | APRON PAN | RUBBER COMBO | HINGED STEEL

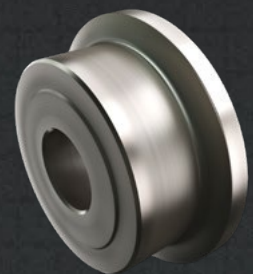
Z-Pan Replacement Conveyor Belts

Fluent Z-Pan conveyor belts are our heavy lifters. Created for smooth performance while carrying the brunt of a load. Making sure your operations stay flawless through years of the most intense conditions. Designed to be heavy-duty, high impact, high temperature resistant belting that is ideal to be used in recycling, slag handling, ferrous and non-ferrous, mixed solid waste, mining, foundry, sheared scrap, refuge, glass and many other robust and extreme applications.

Z-Pan belts come in 6", 9" and 12" pitch options up to 108" wide. 1/4" - 1/2" Thick Precision formed Z style pans, precision die punched wings, single flanged and sintered steel rollers, solid locking pins and add-on options such as cleats, upgraded chain, larger rollers and more. Robust pieces designed with precision to last.



Solutions / Replacement Belt Parts



Hardened Sintered Rollers



Assembled Z-Pan Section



C1045 Precision Chain

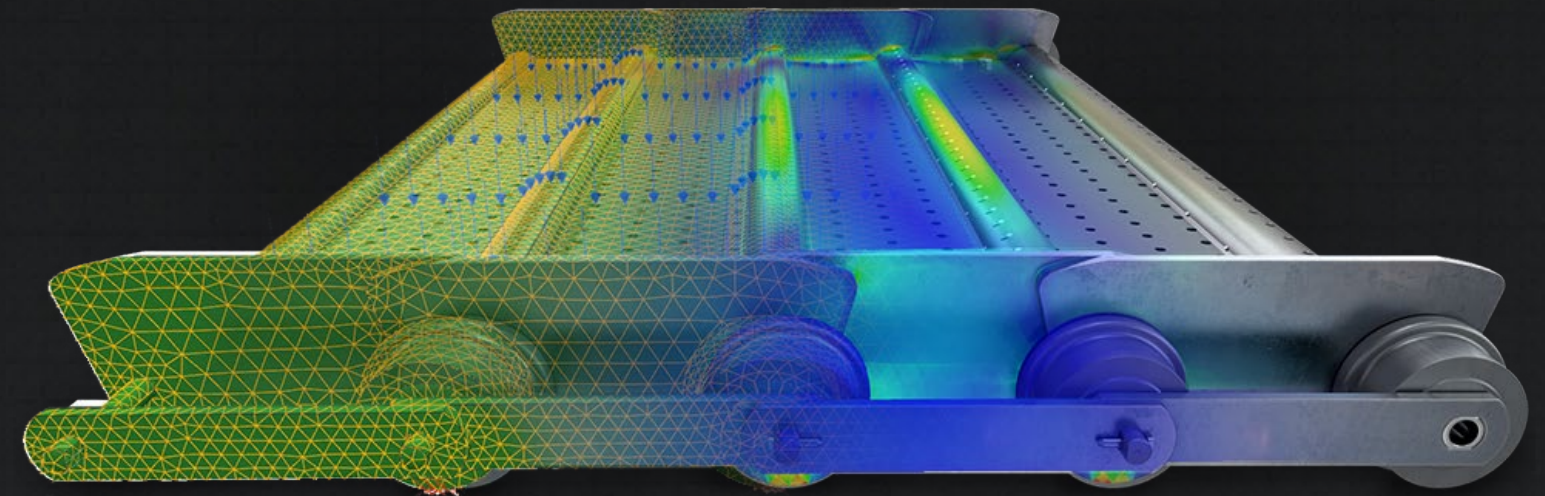


1/4", 3/8" Thick Coped Angled Cleats

Apron Pan Replacement Conveyor Belts

Fluent Apron Pan conveyor belts are designed to make system maintenance as easy as possible. Made to be heavy-duty, high impact, high temperature resistant belts that is ideal to be used in recycling, slag handling, ferrous and non-ferrous, mixed solid waste, mining, foundry, sheared scrap, refuge, glass and many other robust and extreme applications. These are better suited with fines verses z-pans. These belts do all the heavy lifting.

Apron Pan belts come in 6", 9" and 12" pitch options up to 108" wide. 1/4" - 1/2" Thick Precision formed beaded apron style pans, precision die punched wings, single flanged and sintered steel rollers, solid locking pins and add-on options such as cleats, upgraded chain, C-Channel backing, larger rollers and more. So you're never out of options.



Solutions / Replacement Belt Parts



Hardened Sintered Rollers



Assembled Apron
Pan Section



C1045 Precision Chain



Heavy Duty
C-Channel Backing

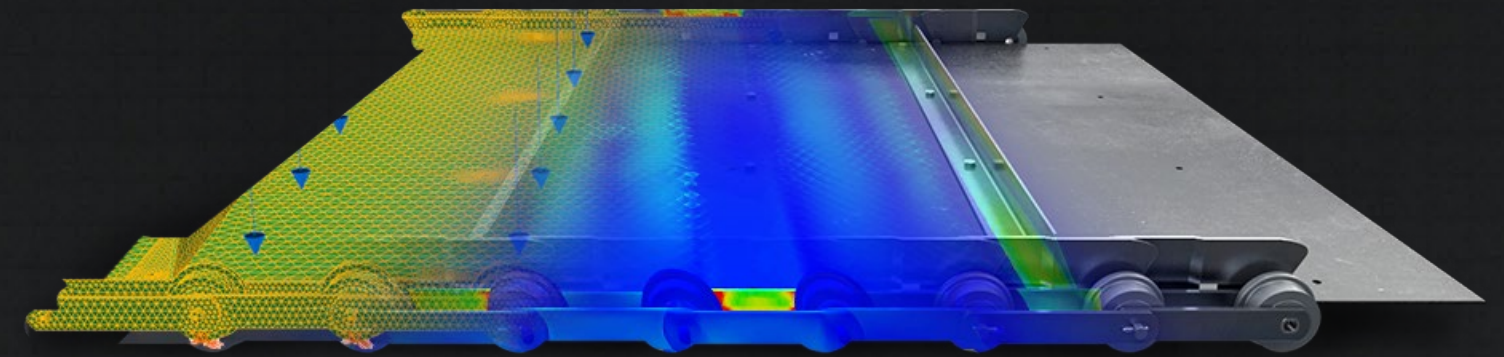


1/4" or 3/8" Thick
Coped Angled Cleats

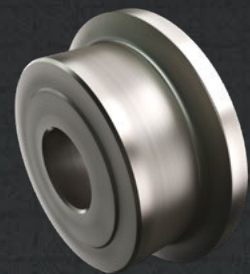
Rubber Combo Replacement Conveyor Belts

Fluent Rubber Combination conveyor belts are as heavy-duty as they come. These C-channel reinforced belts are the perfect mid-weight applications for processing cardboard, paper, old newspaper, plastics, shredded paper, and more.

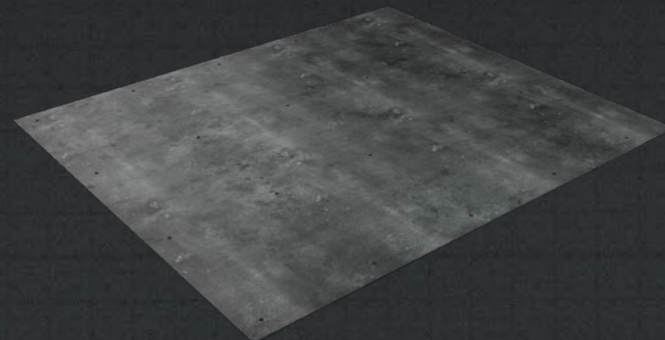
Rubber combo belts come in 6", and 9" pitch options up to 84" wide (optional larger). 2 Ply 220# and 3 Ply 330# belting, precision die punched wings, single flanged and sintered steel rollers, solid locking pins C-Channel backing and add-on options such as cleats, upgraded chain, larger rollers and more. These belts deliver smooth operations time and time again.



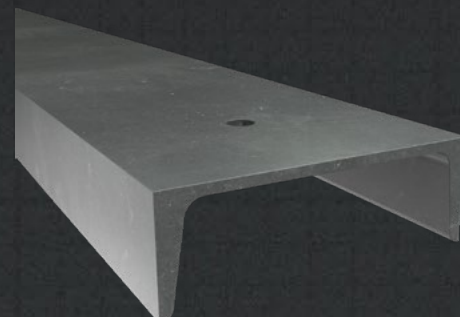
Solutions / Replacement Belt Parts



Hardened Sintered Rollers



2 Ply 220# or 3 Ply 330# Rubber Segments



Heavy Duty C-Channel



C1045 Precision Chain

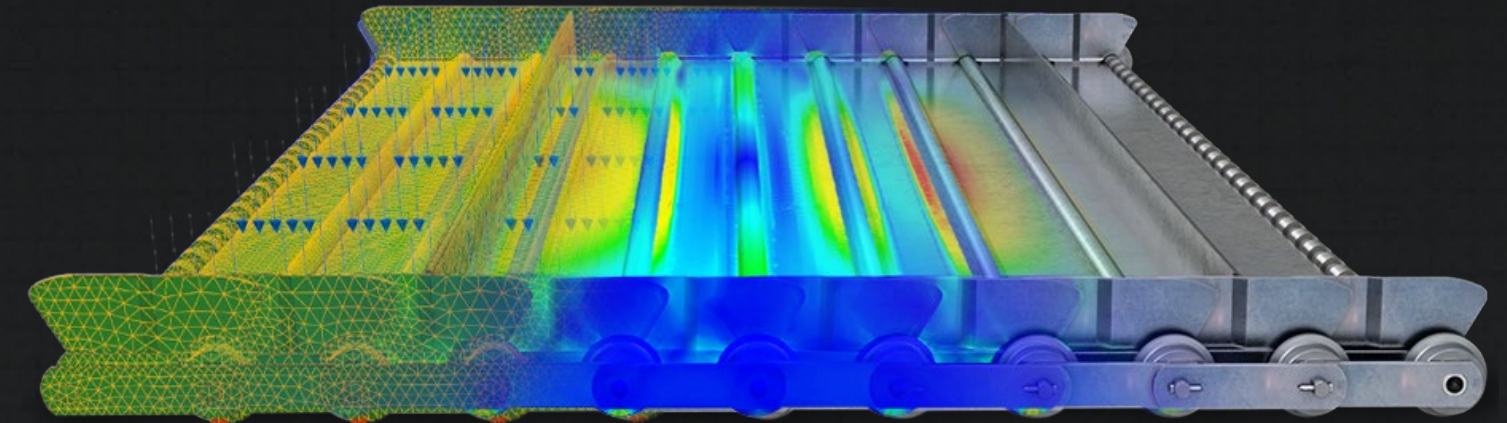


Assembled Rubber Combo Segments

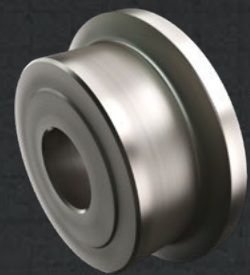
Hinged Steel Replacement Conveyor Belts

Meet our most flexible chain belt made. Designed to mold to your unique systems. Fluent hinged steel conveyor belts are ideal for recycling, ferrous and non-ferrous, mixed solid waste, sheared scrap, refuge and nearly all other applications with less than 10% glass shards.

Hinged steel belts come in 4", 6" and 9" pitch options up to 96" wide. 1/4" - 3/8" Thick Precision formed pans, precision die punched wings, single flanged and sintered steel rollers, solid locking pins and add-on options such as cleats, upgraded chain, C-channel backing, larger rollers and more.



Solutions / Replacement Belt Parts



Hardened Sintered
Rollers



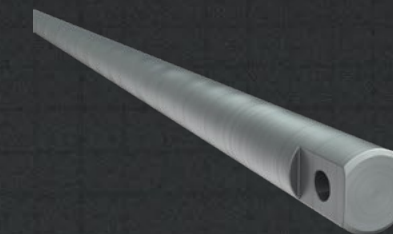
Assembled Hinged
Steel Section



Heavy Duty C-Channel



C1045 Precision
Chain



Hinge Sleeve



1/4" or 3/8" Thick
Coped Angled Cleats



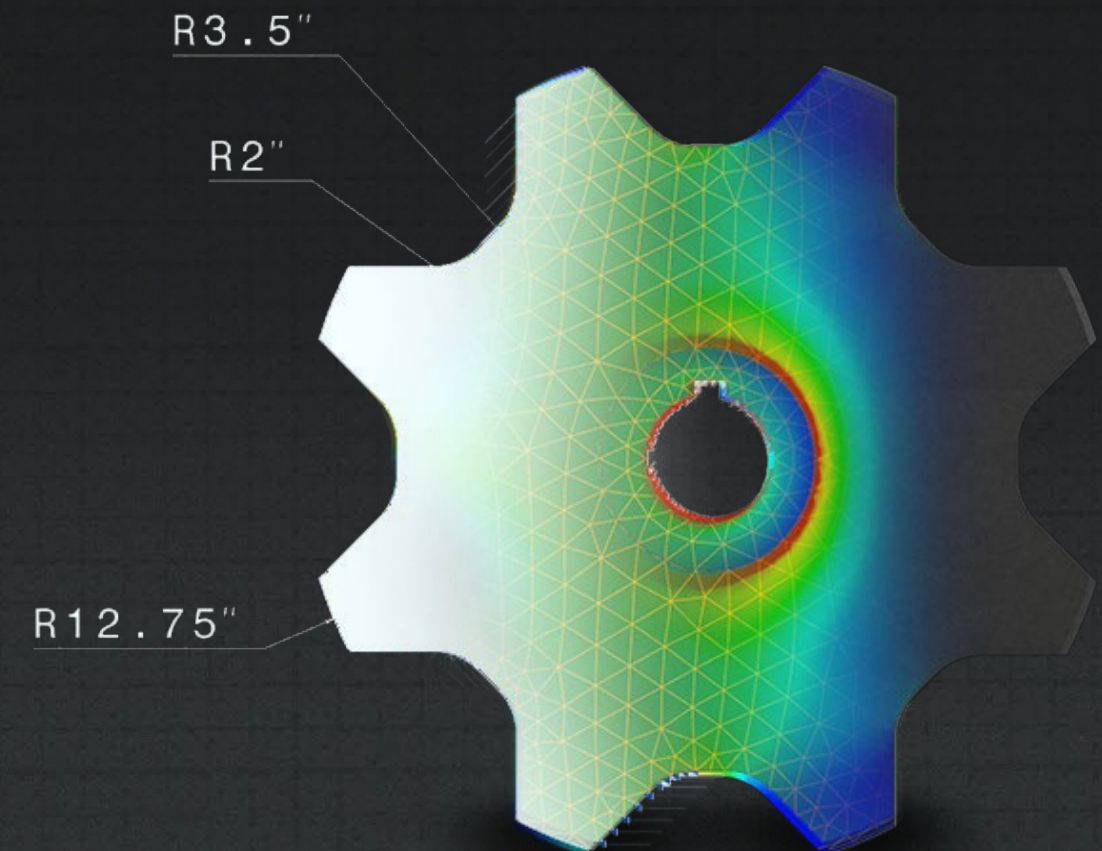
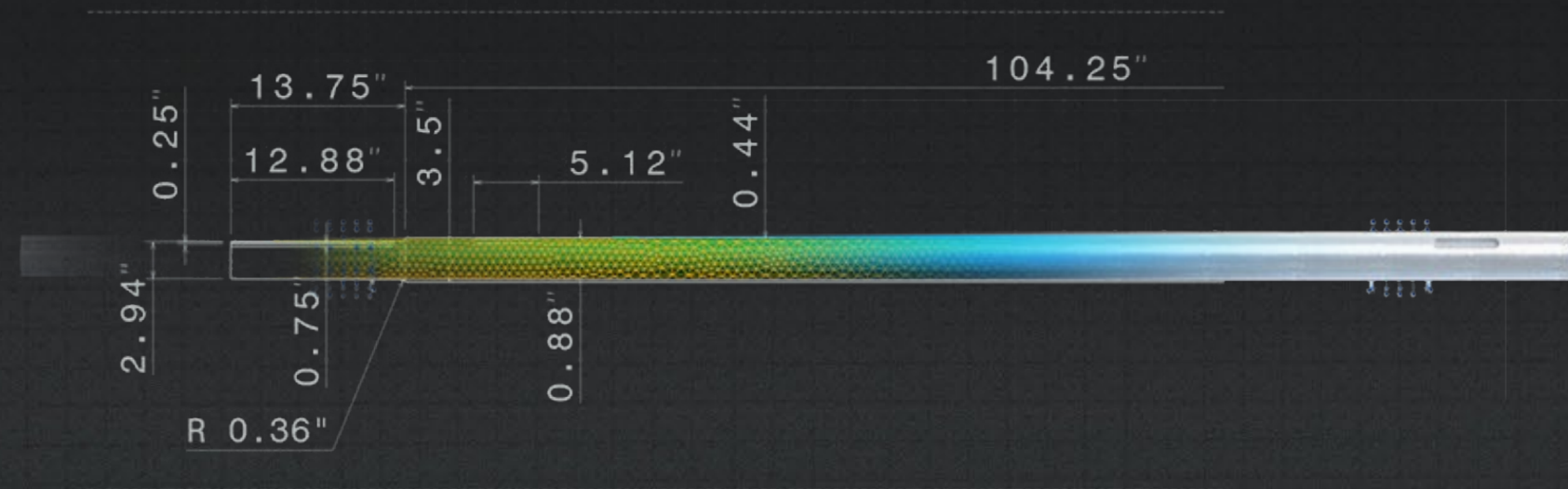
The image displays a wide array of industrial conveyor components. At the top, several long metal shafts and rollers are visible, some with black rubber or polyurethane covers. Below these, there are three electric motors of different sizes, some with mounting brackets. In the center, there are several large, colorful structural frames in red, purple, and green, which appear to be part of a larger conveyor system. To the right, there are more rollers, some with yellow and blue covers, and a large black gear. The background is a dark, textured surface, possibly a workbench or a display area. The text 'FLUENT REPLACEMENT CONVEYOR PARTS' is overlaid in the center in a bold, orange font.

FLUENT REPLACEMENT CONVEYOR PARTS

Roller Chain Conveyor Replacement Parts

If you ever need a replacement – we've got your back. Fluent Conveyors offers a complete line of roller chain replacement parts including E-stops, pull-cords, sprockets, bearings, shafts, motors, oilers, safety equipment and most other required components to get you back up and running.

All replacement parts are OEM heavy-duty, high quality, replacement components made to fit your specific conveyor requirements. Just say the word, and we'll be on it.



Roller Chain Conveyor Replacement Parts

/ Collaborate / Create / Convey

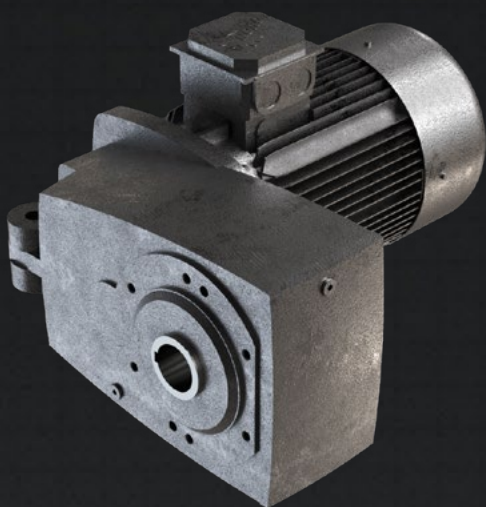
Flame Cut &
Hardened Sprockets



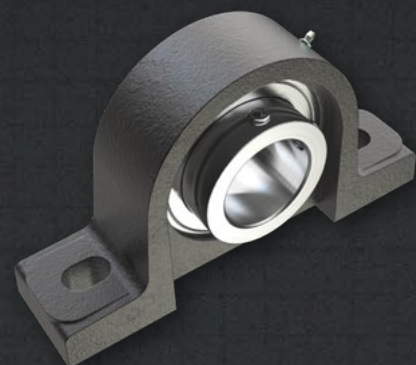
Cold
Rolled Shafts



Shaft Mounted
GearBox / Motor



Heavy
Duty Bearings



Automatic
Electric Oilers



E-Stops
& Pull Cords



Additional Fluent Conveyors Products

/ Collaborate / Create / Convey



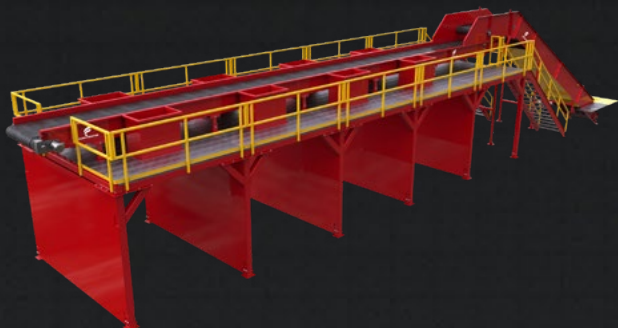
Light Duty Roller Chain Conveyors



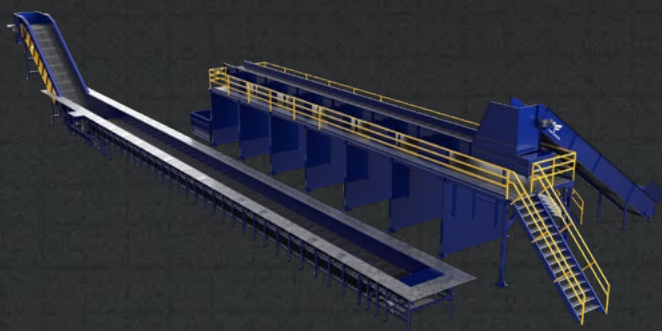
Slider Bed Conveyors



Trough Idler Conveyors



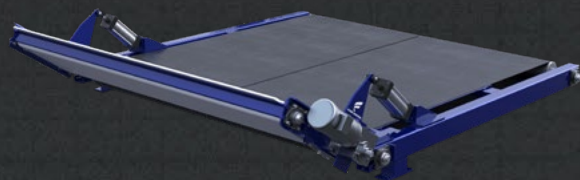
Standard Sort Systems



Custom Sort Systems



Package Handling Conveyors



Custom Conveyors



Flat Idler Conveyors

Technical Specs

Conveyor Layout Options	<ul style="list-style-type: none">• In Pit• Above Ground	<ul style="list-style-type: none">• Nose Over• Transfer	
Frame	<ul style="list-style-type: none">• ASTM A-36 Steel• 3/16" Wall Thickness Square and Rectangular Tubing	<ul style="list-style-type: none">• 25lb Rail on Carrying Track• 1/4" Formed Sheet Metal• 10 Gauge Gusset Plates	<ul style="list-style-type: none">• Standard Removable Tail Cover• Load Depth from 12" to 60"
Supports	<ul style="list-style-type: none">• ASTM A-36 Steel• 6" Square 1/4" Thick Tube Boxed Supports	<ul style="list-style-type: none">• Clevis Mount Supports & Knee Braces for Ease of Install & Alignment	<ul style="list-style-type: none">• +- 1.75" Adjustable Incline Supports• +-1" Adjustable Pit Section Supports
Loading Hopper	<ul style="list-style-type: none">• Custom Loading Hoppers Available• Formed Steel 10 Gauge-1/4" Thick Steel	<ul style="list-style-type: none">• Made for Skid Steer Loading, Cart Tipper, Push On, Hand Loading	
Discharge Hopper	<ul style="list-style-type: none">• Custom Discharge Hoppers Available• Formed 10 Gauge Steel	<ul style="list-style-type: none">• Angle Iron Frame• Custom Fit Per Specs (CAD drawings required)	
Custom Loading Hoppers	<ul style="list-style-type: none">• Formed ASTM A-36 10 Gauge – 1/4" Thick Steel Made for Above Ground Loading		
Pit Plates	<ul style="list-style-type: none">• 3/8" or 1/2" Thick Pit Plates• Optional Pit Plate Wings	<ul style="list-style-type: none">• Optional Removable Pit Plates with Chain Mount and Key	<ul style="list-style-type: none">• Custom Options
Safety Guarding	<ul style="list-style-type: none">• Side Guard and Bottom Guard to 8' Above Grade	<ul style="list-style-type: none">• 10 Gauge Formed Sheet Standard, Expanded Metal Optional	<ul style="list-style-type: none">• Full Conveyor Guarding is Available
Lifting Lugs	<ul style="list-style-type: none">• 1/2" Thick Plate (Welded)	<ul style="list-style-type: none">• 2-1/2" Diameter Eyelets For Easy Unloading/Loading/Installation	

Technical Specs

Belt Options

- 48" to 96" Widths Available
- 4", 6" and 9" Pitch Chains Available
- 1.75", 3", 4" and 5" Rollers Available
- 9,000lbs to 25,000lbs Chain Pull Available
- Rubber Combo Belts With 2 Ply 220 and 3 Ply 330 (84" Width Max Standard Width)
- Hinged Steel Belts $\frac{3}{16}$ " and $\frac{1}{4}$ " Pan Thickness
- Apron Pan Belts $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " Pan Thickness
- Z-Pan Belts $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " Pan Thickness

Motor/Drive

- 5.0Hp - 25Hp Shaft Mounted Drives
- *Std. High Efficiency Motors
- *Optional Ultra High Efficiency/Wash Down/Corrosion Resistant
- *230-460V 60Hz
- *575V 60Hz, 208V 60 Hz, 400V 50 Hz,115-230V 60 Hz (1 Phase) (10245, Image Motor)

Safety Equipment

- Standard E-Stops,
- E-Stop Pull Cords
- Dead Man Plate
- Safety Halo
- Personal Safety System
- Motor Overload
- Outdoor Rated Electronics

Control Options

- Integrated to Baler Controls
- Optional VFD
- Optional Custom Control Panel
- Remote IOS/Android Controls
- Optional Motor Brake with Reversing Conveyor

Miscellaneous Options

- Back Side Push Wall, Pushing Ramps, Solid Lower Horizontal Decking, Mezzanine Structures, Maintenance Walkways, Lower Horizontal Guarding, Fully Enclosed, Dust Removal System Flanges, Rail Guards, Feed Hopper, Variable Speed Drive, Photo Eyes, Belt Brush/Wiper, Custom Load Depth

Paint Options

- Standard Fluent Gunmetal Grey
- Color Match with RAL Available Upon Request

Material Applications

- 3-7 Plastic, Aluminum, Bagasse, Bio-Waste, Bulk Materials, C&D, Card-Stock, Coal, Concrete, E-Waste, Ferrous, Foam, Foundry, Glass, Hay, HDPE, Iron Ore, LDPE, Medical Waste, Mixed Paper, MSW, Non-Ferrous, OCC, OCN, Other, Paperboard, PET, Rubber, Refuge, Sheared Scrap, Single Stream, Stone, Stover, Textiles, Tires, Tissue Paper, Wood Products

