



Conveyor
Application
Systems

SuperTrack



CAS® QUALITY

All CAS® Slingers are made in the U.S.A.

- The on-road CAS® SuperTrack is the **ONLY** Slinger to proudly wear the designation, **Made in the USA**. With manufacturing and service facilities in Indianapolis, IN and Eugene, OR, which is where CAS® Slingers have been manufactured since 2004, CAS® locations are strategically located to support our customers.

SLINGER INNOVATION

A decade plus worth of innovated refinements upon a proven design, is **today's SuperTrack!**

- The CAS® SuperTrack was the first to eliminate chain & sprocket on the placing conveyor, reducing owner down-time and maintenance costs.
- Feeder chain lube systems to reduce chain wear and keep the feeder system running at an optimal rate.
- Remote drive and placing systems with Frequency Hopping Spread Spectrum (FHSS) technology
- Patented worm gear pivot to decrease movement and increase accuracy.

SUPER-TRACK DURABILITY

- All parts are powder-coated for durability.
- Hopper body is HMW lined, which wears 10-15 times slower than carbon steel.
- HD specialty-coated wear and abrasive resistant belts.
- Hydraulic pressure and return filtration system.
- HD feed conveyor chain with over 25-tons of pulling strength.

CAS® PERFORMANCE

- Two different sizes: 20 cubic yards or 24 cubic yards.
- 14" Placing conveyor belt with ½" cleats that provides 50% more traction rubber.
 - Industry standard belts have only 3/8" cleats.
- CAS® proprietary slinging mechanism can "sling" material at distances 20-30% greater than the competition.
- OMNEX radio & receiver control package with remote control/wireless placing control function.
- Amazing Versatility! One Slinger to carry all types of material.

From the first trucks that were built, over 14-years ago, we have continuously improved upon a proven design to offer a reliable Slinger truck that is so efficient and effective that we put it to work every day in our own business.



“The CAS® Slinger system is so adaptable that I can put it on a new truck chassis or retro-fit to one of my older ones.
”

“When I think of CAS® Slingers, I think of Made in the U.S.A!
”

CAS® Super-Track = Innovation, Durability and Performance!



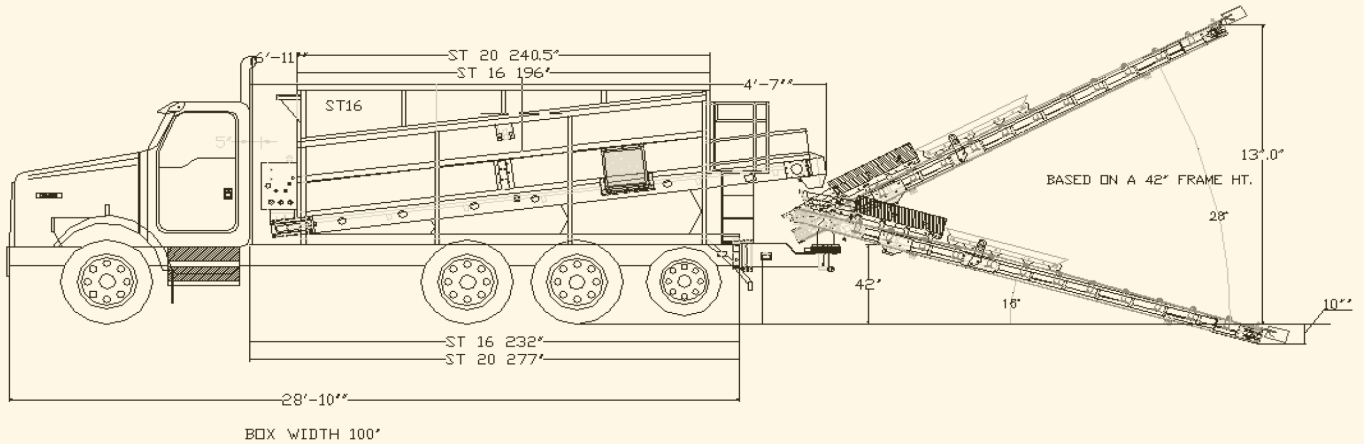
Conveyor Application Systems



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CHASSIS AND FRAME:

- Chassis is customer specified.
SuperTrack Models-

- ST16: 20 Cubic yards.
- ST20: 24 Cubic yards.

HOPPER BODY:

- Steel box w/ heavy-duty 10-gauge sheeting.
- Spring body mounted.
- Powder coat finish.
- HMW lined.
 - Low coefficient of friction, self-lubricated polymer, eliminates "sticking."
 - Abrasion, corrosion and wear resistant.
- Tarp option: Pull Tarps® twin cable 16" electric slide-bow or electric-arm system.

FEED CONVEYOR:

- CAS® exclusive FULLY EXPOSED HD 24" wide 350 2-ply abrasive & impact-resistant belt.
- Hydraulically powered.
- Planetary gear main driver.
- 2.25" Pitch pintle chain.
 - 52,000lbs. Pulling strength.
- Chain lubrication system.
 - Reduces maintenance and extends life.
- Rear leveling gate.

PLACING CONVEYOR:

- CAS® exclusive HD 14" wide long-shot, abrasive & impact-resistant surfaced belt w/ ½" cleats.
 - Cleats specs: ½" width x ½" high x 8 ¼" OAW on 6" centers.
 - The CAS® belt is the heaviest-duty and most durable belt in the industry with ½" cleats providing 50% more traction rubber than the competition, equating to greater placing volume.
- Hydraulic drive Super-Shield™.
- Tube steel design.
- High performance rear mounted direct drive.
- Patented worm gear pivot.
- PC specifications:
 - FPM: 4,400-4,600.
 - MPH: 47-51.
 - Volume: 2-3 yds. per minute.
 - "Slinging" distance: 130-140'
 - Dependent upon material size and type.

HYDRAULIC SYSTEM:

- PTO mounted 5,000 psi rated load-sensing hydraulic piston pump, integrated with 3,500 psi rated fear pump.
- Sauer Danfoss hydraulic motors.
- Pressure & return filtration systems.
 - Pressure filter rating= 10 Microns.
 - Return filter rating= 3 Microns.
- HAWE proportional valves.
- High pressure hoses & fittings- 2,000-6,000 psi.
 - 4:1 design factor and industry rated specifications meeting established industry standards for "burst" pressure.

ELECTRICAL SYSTEM

- OMNEX radio & receiver control package.
- Remote control/wireless placing control function.
 - 900ft. @ 2.4GHz.
 - Frequency Hopping Spread Spectrum (FHSS) technology.
 - Frequency Hopping @ 50 non-overlapping channels in 100kHz intervals (100,000 times per seconds).
- 12 or 24 VDC.

WEIGHT & DIMENSIONS:

All weights are approximate "Wet" weights, which includes all related components.

- ST16-
 - Dimensions: Length 314" x width 100" x height 84".
 - Weight: 9,600lbs.
 - Capacity: 20 Cubic yards.
- ST20-
 - Dimensions: Length 314" x width 100" x height 84".
 - Weight: 10,500lbs.
 - Capacity: 24 Cubic yards.

OPTIONAL EQUIPMENT:

- Chassis & Frame-
 - Rear fender: Stainless steel or aluminum.
 - Water system w/ 42 gallon tank & hose reel.
 - Tool box: Stainless steel or aluminum.
 - Water/Dust suppression system.
- Hopper Body-
 - Vibrator.
 - Tarp: Pulltarps® twin cable 16" electric slide bow or electric arm system.
- Placing Conveyor-
 - Super-Shield™ friction drive available.
- Electrical System-
 - Remote control/wireless ground drive & steering functionality.



CAS® Slingers do the work, so you don't have to!