



Conveyor
Application
Systems

TR20



The TR20 is a combination of the best features found in a CAS® AT7 and the CAS® TR30. Small, maneuverable, and remote controlled like the AT7 in a fully-tracked, low ground-pressure platform that provides extreme accessibility and material versatility! The TR20 is a great option for those contractors that are working in the toughest off-road job sites or in sensitive vegetation areas like wetlands that need a powerful slinger to place hydro-seed, mulches, or soil for erosion control.

CAS® QUALITY

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

- The off-road CAS® TR20 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 TR20!

- All-Terrain, remote control, auto-leveling Slinger.
- Remote Drive and Placing system with Frequency Hopping Spread Spectrum Technology (FHSS).
- High Flotation Configuration for beach or turf restoration.
- Duel-speed tracking and maneuverability.

TR20 DURABILITY

- High-Performance Hydraulic System.
- Hopper Body is HMW lined.
- HD Wear and Abrasive resistant belts that are specialty coated.
- HD Feed Conveyor chain with over 25-tons of pulling strength.

CAS® PERFORMANCE

- 14" or optional 18" Placing Conveyor Belt with ½" Cleats that provides 33% more traction rubber.
 - Industry standard belts have only 3/8" cleats.
- Side and Rear loading capabilities.
- CAS® proprietary Slinging mechanism can "Sling" material at distances that are 20-30% greater than the competition.
- Amazing Versatility!



“An off-road tracked Slinger that can get into areas that very few types of equipment can get to!**”**

One Slinger for all materials: Rock, Sand, Soil, Mulch!



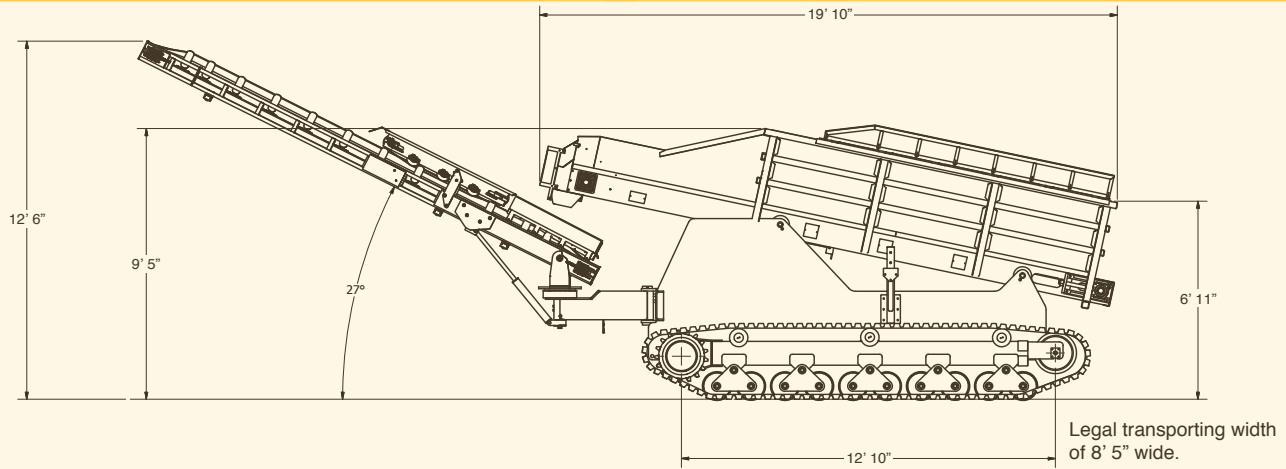
Conveyor Application Systems



888-279-4227



www.slingers.com



CHASSIS AND FRAME:

- CAS® Quality Heavy-Duty Steel Construction
 - *Built in the U.S.A.*
- All-Terrain, Unmanned & Remote-Controlled
- Durable Powder-Coated Finish Throughout

ENGINE & DRIVE TRAIN:

- Engine
 - Domestic: CAT® Tier IV C7.1 ACERT™, 202 HP Engine
 - International: CAT® Tier 3 C6.6 liter, 225 HP Engine.
- 2-Speed Rubber Track Drive
- 20,000 lb. Independent Steering Rear Axle.
- Direct Hydraulic Drive

STEEL HOPPER:

- 10-Cubic Yard Capacity w/Fold-Out “Extended Yardage” Wings
- Heavy-Duty 10-Gauge Steel Sheeting
- Fully Powder Coated Finish- Interior & Exterior for Durability
- HMW Lined
 - Low coefficient of friction, self-lubricated polymer, eliminates “Sticking.”
 - Abrasion, Corrosion, and Wear Resistant.
- Vibrator

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
 - 52,000 lbs. Pulling Strength
- Chain Lubrication System
 - Reduces Maintenance and Extends Life
- Rear Leveling Gate

WEIGHT & DIMENSIONS (all weight is approximate):

- 30,000 lbs.
- EMPTY Ground Pressure= 4 pounds per square inch.
- LOADED Ground Pressure= 7 pounds per square inch.
- GVW 50,000 lbs.

FUEL CAPACITY

- 85 US Gallons
- Fuel Consumption: 3-6 gallons/hr. under normal use.

PLACING CONVEYOR:

- CAS® Exclusive Heavy-Duty 15’ x 14” Wide Long Shot, Abrasive & Impact Resistant Surfaced Belt w/ 1/2” Cleats
 - Cleat Specs: 1/2” Width X 1/2” High X 8 1/4” OAW on 6” Centers.
 - *The CAS® Belt is the heaviest duty and most durable belt on the market with 33% more rubber on the 1/2” cleats.*
- Hydraulic Drive Super Shield™
- Tube Steel Design
- High Performance Rear Mounted Direct Drive
- *Patented* Worm Gear Pivot
- PC Specifications:
 - Volume: 2-10 yds./minute
 - Max “Slingin” distance: 80-110’
 - *Dependent upon material size and type.*



HIGH PERFORMANCE HYDRAULIC SYSTEM:

- Duel 5000 PSI Rated Load Sensing Hydraulic Piston Pumps combined with dual Hydrostatic Pumps.
- Sauer Danfoss Hydraulic Motors
- Pressure & Return Filtration System
 - 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 (12 or 24 VDC):

- OMNEX Radio & Receiver Control Package
- Remote Control/Wireless Placing Control Function
 - 900FT @ 2.4GHz
 - Frequency Hopping Spread Spectrum Technology (FHSS)
 - Frequency Hopping @ 50 non-overlapping channels in 100kHz intervals (100,000 times per second)
- 12 or 24 VDC
- Engine is J1939

ADDITIONAL STANDARD EQUIPMENT:

- Work & Strobe Lights

OPTIONAL EQUIPMENT:

- Hopper Body-
 - Agitator
- Placing Conveyor-
 - 18” High Volume Placing Conveyor Belt System
 - Sock Performance Package
- Electrical System-
 - Spare Remote Radio Transmitter

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

