



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 (FHSS) technology.
- High flotation configuration for beach and 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.**”**

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



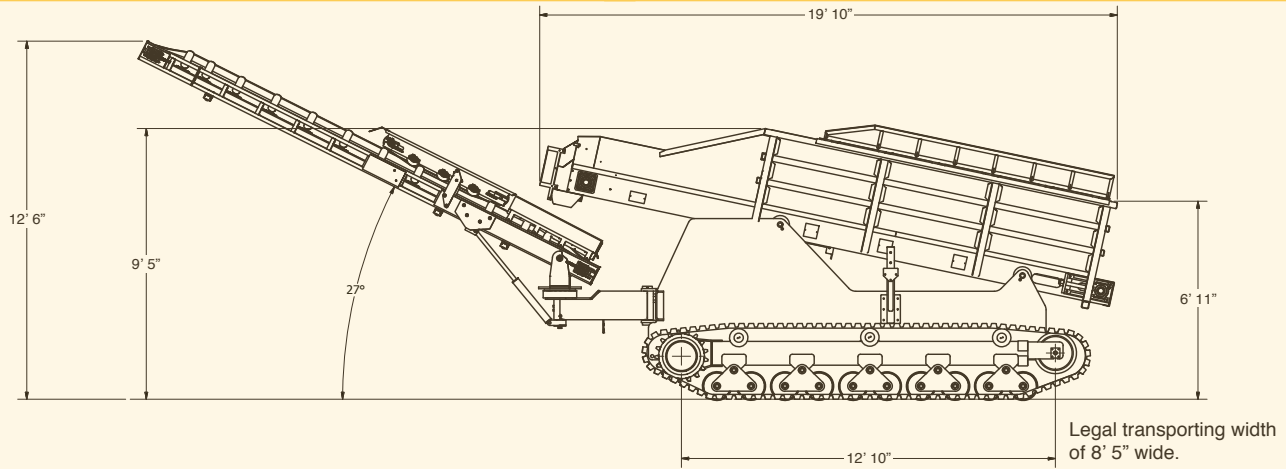
Conveyor Application Systems



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 axles.
- Direct hydraulic drive.

STEEL HOPPER:

- 10-Cubic yards 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 lb. pulling strength.
- Chain lubrication system.
 - Reduces maintenance and extends life.
- Rear leveling gate.

WEIGHT & DIMENSIONS (all weight is approximate):

- 28,000 lbs.
- EMPTY ground pressure = 4 pounds per square inch.
- LOADED ground pressure = 7 pounds per square inch.
- GVW 50,000 lbs.

FUEL CAPACITY

- 81 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/ ½” cleats.
 - Cleat specs: ½” width x ½” high x 8 ¼” OAW on 6” centers.
 - *The CAS® belt is the most durable and heavy-duty belt on the market with 33% more rubber on the ½” 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 “slinging” 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 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 (12 or 24 VDC):

- OMNEX radio & receiver control package.
- Remote control/wireless placing control function.
 - 900 ft. @ 2.4GHz.
 - Frequency Hopping Spread Spectrum (FHSS) technology.
 - 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!**

