



Conveyor
Application
Systems

TR30



The CAS® TR30 is the only manned off-road Slinger in the CAS® fleet and was designed for extreme placing capabilities. A fully certified ROPS, climate-controlled cabin provides operator protection and comfort while slinging in hard to reach areas. The weight distribution system of the TR30 allows for a mere 3-6 pounds per square inch of ground pressure, which makes this Slinger the perfect machine for sensitive vegetation areas such as golf courses, wet lands, beaches and marshes. The CAS® TR30 is a productive, versatile Slinger providing significant increases in efficiency and profitability.

CAS® QUALITY

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

- The off-road CAS® TR30 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 innovations built upon the proven Marooka® chassis, is today's CAS® TR30!!

- The only manned off-road slinger in the CAS® fleet.
- Only 3-6 pounds of ground pressure per square inch allows for access into sensitive vegetation areas!
- In-cab joystick controls combined with wireless remote operation capabilities.
- ROPS certified cabin.

TR30 DURABILITY

- Built upon the proven & durable Marooka® chassis.
- HMW lined hopper decreases wear.
- CAS® Heavy-duty, wear and abrasive resistant placing & feed belts.
- Powder-coated componentry increases longevity.
- Feed belt lubrication system.

CAS® PERFORMANCE

- CAS® proprietary high-performance hydraulic system = maximum slinging distance.
- 14" or optional 18" wide placing conveyor system for maximum volume.
- 30" rubber tracks provides access to the most extreme environments.
- CAS® proprietary HD belting offers 33% more traction rubber for greater volume.,



“ An off-road tracked Slinger, which is able to access hard-to-reach areas with minimal impact to sensitive vegetation. **”**

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



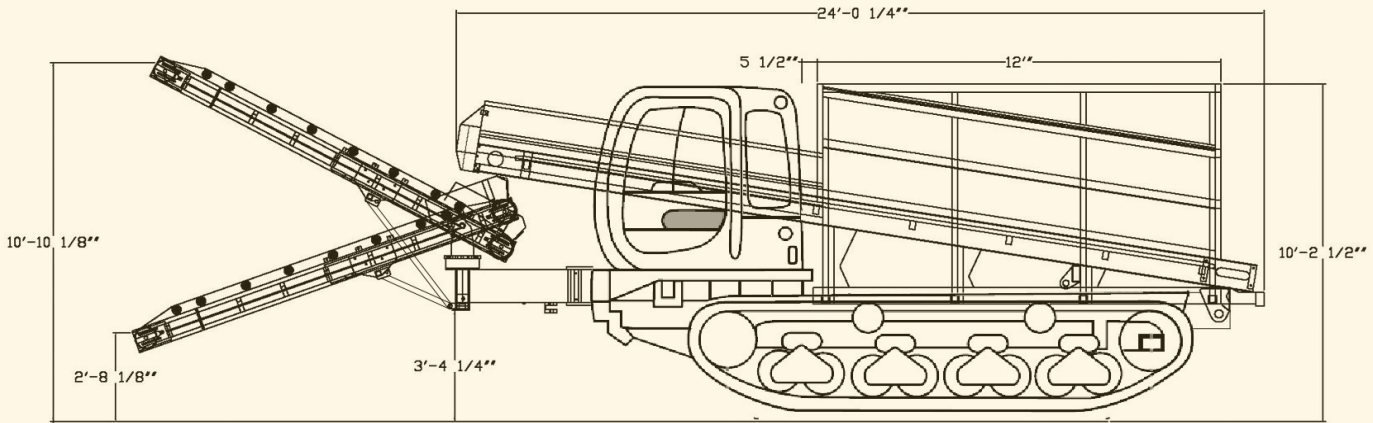
Conveyor Application Systems



888-279-4227



www.slingers.com



CHASSIS AND FRAME:

- Morooka® MST2200VD frame.
 - **Built in the U.S.A.**
- Climate controlled, operator-friendly ROPS certified cabin.
 - Joystick control.
 - Hall Effect single axis drive joysticks.
 - Hall Effect multi axis placing conveyor joystick.
 - Hydraulic activation safety switch.
 - Hydraulically controlled deflector shield.
 - Travel cruise control.
- Backup & passenger side safety camera with video information display.

ENGINE & DRIVE TRAIN:

- Engine-
 - Domestic: CAT® Tier 4 C7.1 ACERT TM, 250 HP.
- 2-Speed hydrostatic transmission w/ 30" rubber track drive.

HOPPER BODY:

- 10-Cubic yard capacity.
- 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.

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 heavy-duty 15' x 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 durable belt on the market with 50% 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:

- Dual 5,000 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 travel & placing control functions.
 - 900ft. @ 2.4 GHz.
 - Frequency Hopping Spread Spectrum (FHSS) technology.
 - Frequency Hopping @ 50 non-overlapping channels in 100kHz (100,000 times per second).
- 12 or 24 VDC.
- Engine is J1939.

ADDITIONAL STANDARD EQUIPMENT:

- Work & strobe lights.

WEIGHT & DIMENSIONS (all weight is approximate):

- Machine weight: 31,820lbs.
- Min. ground clearance: 15".
- EMPTY ground pressure: 3.1 pound per square inch.
- LOADED ground pressure: 5.7 pounds per square inch.

MAX SPEED & FUEL CAPACITY

- 8 mph.
 - Fuel consumption: 3-6 gallons/hr. under normal use.
- 65 US gallons.

OPTIONAL EQUIPMENT:

- Chassis & Frame-
 - Tool box, aluminum or stainless steel.
- Hopper Body-
 - Hydraulically actuated lift box (for maintenance).
- Vibrator.
- Agitator.
- Placing Conveyor-
 - 18" wide high-volume placing conveyor belt system.
- Electrical System-
 - Spare remote radio transmitter.



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

