



Conveyor  
Application  
Systems

# AT7



### TIER4

For over a decade, Conveyor Application Systems (CAS®) has refined and built the only mobile off-road Slinger available in the market today. The Unmanned, Remote-Controlled (URGV) AT7 offers versatility and durability in a trailerable machine that gives contractors unlimited options in placing materials.

The AT7 is a one of a kind machine that is only limited by its owner's imagination.

### CAS® QUALITY

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

- The off-road CAS® AT7 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 AT7!

- 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.

### AT7 DURABILITY

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

### CAS® PERFORMANCE

- 14" Placing Conveyor Belt with ½" Cleats that provides 33% more traction rubber.
  - Industry standard belts have only 3/8" cleats.
- Off-Road 4WD, Independent Steering capabilities
- Side and Rear loading capabilities.
- CAS® proprietary Slinging mechanism can "Sling" material at distances that are 20-30% greater than the competition.
- Amazing Versatility!



*The off-road capability allows me to pick up jobs that I would have had to pass on in the past.*

*The AT7 is a big package in a small frame, giving me great versatility.*

**The Proven CAS® AT7=Innovation, Durability, and Performance!**



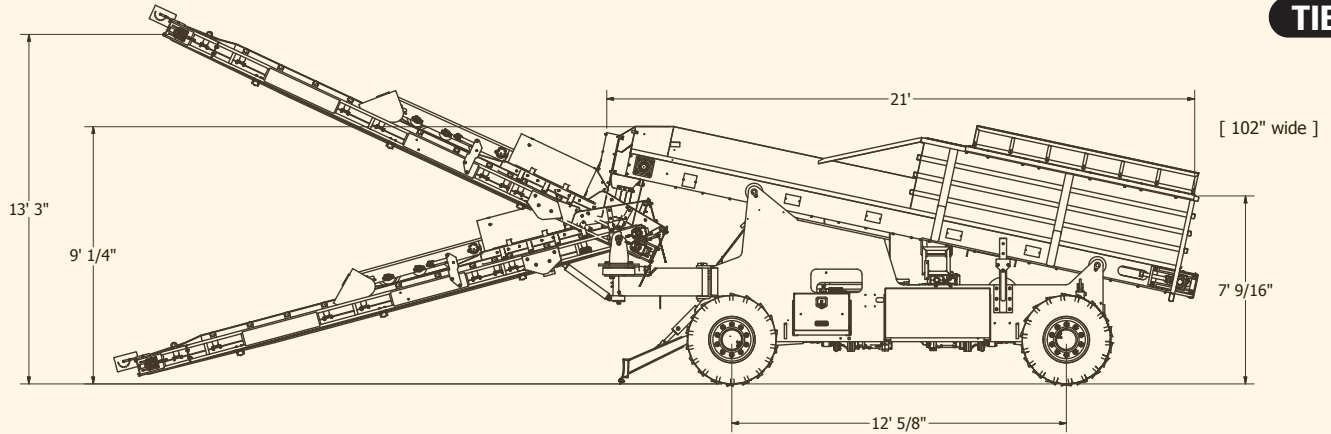
Conveyor Application Systems



888-279-4227



www.slingers.com



**CHASSIS AND FRAME:**

- CAS® Quality Heavy-Duty Steel Construction
  - *Built in the U.S.A.*
- Hydraulic 12 degree Left & Right Leveling System
- Optional Dozer Blade
- Powder-Coated

**ENGINE & DRIVE TRAIN:**

- Engine
  - Domestic: CAT® Tier IV C7.1 ACERT™, 202 HP Engine
  - International: CAT® Tier 3 C6.6 liter, 202 HP Engine.
- 20,000 lb. Independent Steering Front Axle.
- 20,000 lb. Independent Steering Rear Axle.
- 15" x 19.5" Floatation Tires
- 2-Speed Direct Hydraulic Drive

**STEEL HOPPER:**

- 7-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.

**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):**

- 21,000 LBS.

**PLACING CONVEYOR:**

- CAS® Exclusive HD 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 in the industry with 1/2" cleats providing 33% 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: 47-54
  - Volume: 2-3 yds. per minute
  - "Slinging" distance: 140-150'
    - *Dependent upon material size and type.*



**HYDRAULIC SYSTEM:**

- Duel 5000 PSI Rated Load Sensing Hydraulic Piston Pumps combined with a Hydrostatic Pump.
- 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
- Pressure Washer System with 30-Gallon Tank & Reel

**OPTIONAL EQUIPMENT:**

- Chassis & Frame-
  - High Flotation configuration
- Placing Conveyor-
  - *SuperShield™ Friction Drive Available*
  - Performance Package

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