



## DRIVE TRACTORS

SATURN is a trusted source for drive tractors, designed to push/pull rolling loads along monorails. SATURN tractors are **built in USA** and **readily available**. Primarily used to motorize manual bridge cranes and trolley hoists, SATURN tractors are a great option when old trolley drives breakdown & parts are not available or are too expensive.

SATURN offers 3 Tractor MODELS that cover a very wide range of capacity, speed and service requirements.

**01 T-144**  
Light/Medium Duty

**02 T-150**  
Heavy Duty

**03 T-200**  
Extra Heavy Duty

### STANDARD TRACTORS

#### T-144 DRIVE TRACTOR



- STD. Flange Width: 2" to 8"
- Minimum Radius Curve: 4Ft
- CMAA Service: Class C

#### T-150 DRIVE TRACTOR



- STD. Flange Width: 3-1/4" to 10"
- Minimum Radius Curve: 6Ft
- CMAA Service: Class D

■ SATURN Tractors are built to last with some still being in service for **over 40 years**. They are offered in a few different packages to fit your needs:

- Individual units
- Pairs of 2
- Sets of 3

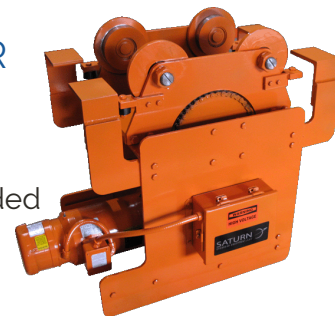
■ Whether it is motorizing a hoist, bridge crane, or both SATURN has a solution. They are perfect for many applications with most parts **READILY available** for repairs.

### STANDARD FEATURES

- Capacity Range: 1 Ton to 20 Ton
- Speed Range: 15 FPM to 200 FPM
- Beam Types: W, S or Patented
- Worm Gear Drives
- TEFC/Inverter Ready (5:1) Trolley Motor
- Power Voltages: 230V or 460V-3Ph-60Hz
- Control Voltage: 115V
- NEMA 1 Enclosures (Indoor Service)
- Single Speed Contactor Controls
- Temp. Rating: 10F to 120F
- Factory Balanced
- Adjustable Trolleys
- Straight Tow Bar
- Rubber/Polyurethane Drive Wheels
- Safety Orange Paint
- High Quality Construction

### CUSTOM EXTRA HEAVY DUTY T-200 DRIVE TRACTOR

SATURN's Extra Heavy Duty T-200 Units are always custom designed and built to meet the specific need. These 2HP to 5HP units are typically used on higher capacity, higher speed and/or incline applications. Many times, a positive drive mechanism is included in the design of these tractors.



Manufactured in the USA





## ENCLOSED TRACK TRACTORS

- Our Enclosed Track Tractors are designed to fit all of the popular track systems like GORBEL, SPANCO, UNIFIED, ZIMMERMAN, DEMAG and many others.
- They come standard with nylon drive wheels and steel or nylon trolley wheels to best suit the track.
- For capacities from 500lbs to 4000lbs.
- Built to run at speeds of 35, 50 and 70 feet per minute.



## ARTICULATING TRACTORS

- Designed for applications with tight radius curves and switches.
- Our T-144-AT model can negotiate 2FT to 4FT radius curves. While our T-150-AT model is built for a minimum of 6FT radius curves.



- All Articulating units come with guide rollers to better handle the curves of the track.

## AIR POWERED TRACTORS

- SATURN can offer air powered equipment where electric power is not present.
- Available for all models of Drive Tractors with single or variable speed options
- Optional 2 level air pendants available to control the tractor.



## HAZARDOUS ENVIRONMENTS



- Built for areas where flammable gases and/or dusts are or may be present
- Stainless Steel or Bronze components
- Optional Spark Resistant features are available
- Intrinsically Safe N4 Control Devices

## OPTIONAL FEATURES

- Power Voltage: 208V or 575V-3Ph-60Hz
- 1-Phase Power: 115V or 230V
- Control Voltage: 24V
- Weather-Proof Packages/NEMA 4
- UL/CUL Registered Panels
- VFD Control Packages (2-Speed)
- 2-Speed Motors/Contactor Controls
- Inverter Duty Motors (10:1)
- TENV Motors
- Motor Thermostats
- Trolley Motor Brake
- Mainline Contactor
- Rotary Manual Disconnect
- Soft Start
- TOLs and BC Fuses
- NEMA Rated Contactors
- Wired Pendants
- Radio Controls
- Guide Rollers
- Hardened Wheels
- Drop Lugs
- Double Chain Drives
- Fit Oversized Flanges/Apply Dual Springs
- Synthetic Oil &/Or Heaters (Operation < 10F)
- Anti-Condensation Heaters
- Positive-Drives (Chain/Sprocket or Rack/Pinion)
- Direct-Drives (No Chain & Sprockets)
- End Truck Mounted-Drives

