

## SINGLE HOOK MONORAIL WIRE ROPE HOISTS

SATURN Wire Rope Hoists are built to last. After 10, 20, 30 and even 40 years, SATURN hoists are still found abundantly operating in the field. All SATURN hoists are built around a WORM GEAR Drive, considered to be the heart of the machine. SATURN hoists meet or exceed the Performance Standards for Overhead Electric Wire Rope Hoists as per ASME HST-4 as well as the Safety Standards for Overhead Hoists as per ASME B30.16.



**HAND GEARED  
TROLLEY  
SUSPENSION**



**MOTORIZED  
TROLLEY  
SUSPENSION**

### STANDARD FEATURES:

- **Capacities: 1 Ton to 10 Tons**
- Lifts: Up to 100Ft
- ASME Service Classification: H3 Duty
- Suspension Configuration Options
- Worm Gear Drives
- AC/Disc Hoist Brake (150% Motor Torque)
- TENV/30-Min/Inv. Ready (3:1) Hoist Motor
- TEFC/Inverter Ready (5:1) Trolley Motor
- Trolley Speeds: 35 FPM or 60 FPM
- Power Voltages: 230V or 460V-3Ph-60Hz
- Control Voltage: 115V
- NEMA 1 Enclosures (Indoor Service)
- Single Speed Contactor Controls
- Fuses & Thermal Overload Protection
- Upper Paddle Limit Switch
- Temp Rating: 10F to 120F
- Drop Lugs (Frame/Trolley Wrap-Around)
- Factory Balanced
- Load Tested At 125% Capacity
- Safety Orange Paint
- Heavy Duty/High Quality Construction
- Conforms to NFPA 70 (National Electric Code)
- Conforms to OSHA 1910.179 Safety Standards

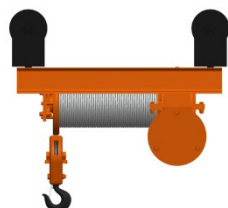
### OPTIONAL FEATURES/MODIFICATIONS:

- **Higher Capacities: Up To 15-Ton**
- Power Voltage: 208V or 575V-3Ph-60Hz
- Narrow/Hardened Wheels (Patented Track)
- Upgrades for Heavy Service: H4/H4+ Duty
- Heavy Duty Oil Shear Hoist Brake
- 60-Min/Inverter Duty (10:1) Motors
- Class H Insulated Motors
- VFD Control Packages (2-Speeds)
- 2-Speed Motors/Contactor Controls
- Wired Pendants
- Radio Control System/Warning Light
- Mainline Contactor
- Control Voltage: 24V
- NEMA 4/TENV Motors (Outdoor Service)
- UL/CUL Registered Control Panels
- Hoist Gear Type/Trolley Travel Limit Switches
- Slack Cable Limit Switches
- Heavy Duty Rope Guide System
- Deep Grooved Drums (100% Depth Of Cable)
- Overload Devices
- Warning Devices: Flashing Light/Horn
- Trolley Motor Brake
- Collector Brackets
- Pendant Outrigger Arms
- Encoders (For Automated Operation)
- Bumpers: Rubber/Spring
- Synthetic Oil/Heaters (Operation < 10F)
- Anti-Condensation Heaters
- Steel Weather Covers
- Safety Yellow Paint
- High Temperature Features
- Corrosion Resistant Features
- Spark Resistant Features

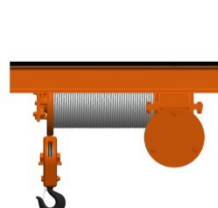
### SUSPENSION CONFIGURATION OPTIONS



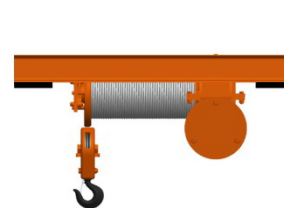
**Motorized Trolley (MT)**



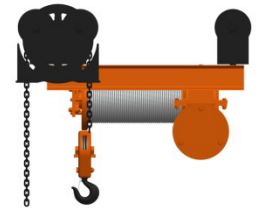
**Plain Trolley (PT)**



**Ceiling Mounted (CM)**



**Base Mounted (BM)**



**Hand-Geared Trolley (HG)**