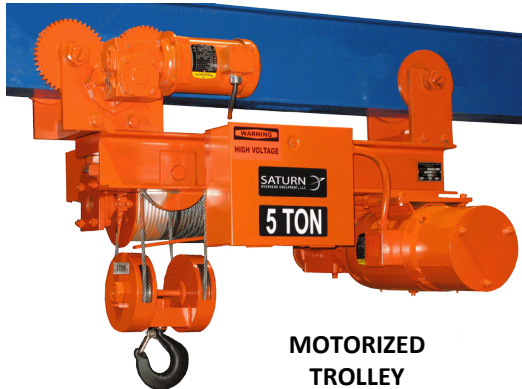


SEMI-LOW HEADROOM MONORAIL WIRE ROPE HOISTS

SATURN Semi-Low Headroom Hoists provide low headroom while still maintaining versatility when it comes to configuration options. As examples, our Semi-Low Headroom Series could be built into a raised, under-running, dual-rail configuration to truly maximize every inch of available overhead space or perhaps combined with a tractor drive to provide low headroom while also negotiating a curved monorail. 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.



**MOTORIZED
TROLLEY
SUSPENSION**



**PLAIN TROLLEY
SUSPENSION**

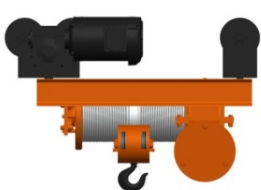
STANDARD FEATURES:

- **Capacities: 1 Ton to 10 Ton**
- Lifts: Up to 50Ft
- Low Headroom Design & Components
- 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

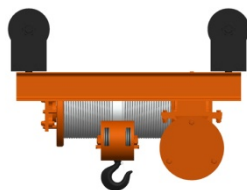
OPTIONAL FEATURES/MODIFICATIONS:

- **Higher Capacities: Up To 20 Ton**
- Longer Lifts: Over 50Ft
- Power Voltage: 208V or 575V-3Ph-60Hz
- Narrow/Hardened Wheels (For 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 Brake (Precise Positioning)
- Collector Brackets
- Pendant Outrigger Arm
- 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

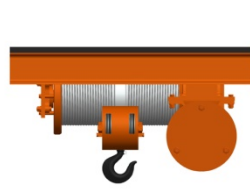
SUSPENSION CONFIGURATION OPTIONS



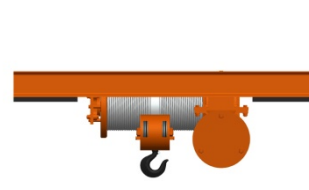
Motorized Trolley (MT)



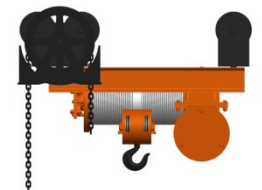
Plain Trolley (PT)



Ceiling Mounted (CM)



Base Mounted (BM)



Hand-Geared Trolley (HG)