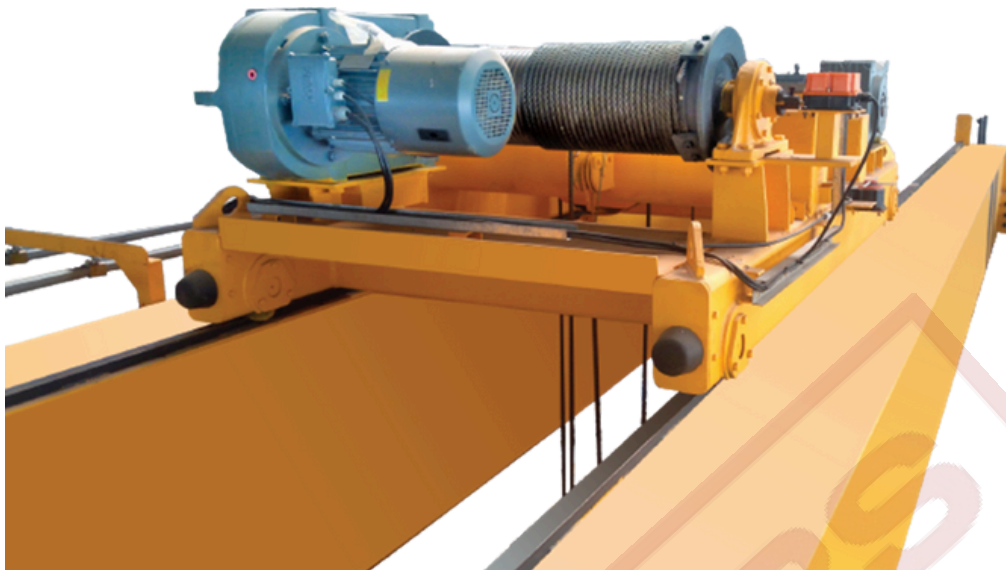


## BI-RAIL TROLLEY



### 1. Integrated Drive System

- SEW/Siemens-Flender geared motors combine motor, gearbox & brake into one unit.
- Eliminates couplings and alignment issues for smooth operation.

### 2. Advanced Motion & Control

- VVVF drives enable creep speed, smooth start/stop, and dual-speed control.
- High-performance brakes rated for 1.5 million operations.

### 3. Reliable Limit & Safety Mechanisms

- Rotary & gravity limit switches for hoisting/lowering.
- 2-way lever limit switches for cross/long travel – GIOVENZANA make, CE & UL certified.

### 4. Durable & Efficient Motor System

- IP55-rated motors with Class 'F' insulation, 40% CDF, and 150 starts/hour.

### 5. High-Quality Components & Build

- Precision-machined rope drum and wear-resistant sheaves.
- S.G. Iron wheels (200–240 BHN), Tacklers /IGUS cable drag chain, and ELDON IP55 control panel.



- **Cranes & Hoists**
- **Floor Handling Equipment**
- **Mobility Solutions**
- **Automation & Robotics**
- **IOT Services**
- **Annual Maintenance contract**
- **Crane Kits**
- **Renewables**

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