



Designed for Seismic Zone IV

Capacities from 150 lbs. to 4000 lbs.

Spans Up to 30 feet

Free Standing or Ceiling Mounted

Easy Movement for Increased Productivity

Steel & Aluminum Enclosed Track

# Work Station Cranes

As the leader in the Enclosed Track Work Station Crane industry, Gorbels provides the widest variety of overhead ergonomic solutions in the world, including cranes designed for Seismic Zone IV (SZ4) applications. With Gorbels innovative aluminum and steel enclosed track designs, each crane system delivers unmatched ease of movement and performance.



## Gorbels Work Station Cranes are "A Class Above" in:

### Ease of Installation

Gorbels Seismic Zone IV (SZ4) Free Standing Bridge Cranes can be installed on any normal 6" reinforced concrete floor. The spanning capability of Gorbels steel and aluminum track reduces the number of hangers required on Ceiling Mounted systems which reduces installation costs.

### Ease of Movement

Gorbels SZ4 Work Station Cranes are up to three times easier to move than traditional bridge cranes. It is even easier to start and stop loads with the lower weight of Gorbels Aluminum Bridges (up to 44% lighter than steel).

### Superior Load Positioning

Gorbels rigid runways and floating end trucks with horizontal, anti-binding wheels provide unmatched ease of positioning and movement.

### Productivity

According to a recent Ergonomic Study, operators using Gorbels Work Station Cranes were 28% more productive at safe working rates than operators using traditional cranes.

### Span and Capacities

Gorbels offers the widest range of spans and capacities available in enclosed track Work Station cranes. Gorbels steel and aluminum enclosed track are available in capacities from 150 lb. to 4000 lb. with spans from 4 ft. to 30 ft.

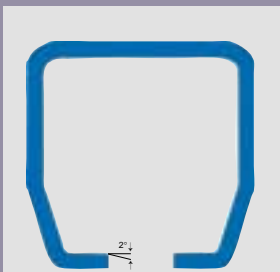
## Superior Track Designs for Long Life and Ease of Movement

### Steel Enclosed Track

Gorbels trussed track uses plain steel track that is enhanced with a built up truss for longer spans up to 30 feet. This allows more flexibility in crane layout and helps with ease of installation.

### Aluminum Enclosed Track

The patented design of Gorbels Aluminum track provides for low weight, unparalleled aluminum spanning capability, and effortless movement. The Aluminum track weighs up to 44% less than an equivalent steel track section which makes it easier to start, position, and stop loads precisely.



*The 2° taper of the running flange helps to center the trolley in the track for smooth, effortless movement of trolleys and end trucks.*



**A  
CLASS  
ABOVE**



## Superior Component Designs for High Performance and Safety

### Hoist Trolleys

Gorbel hoist trolleys are designed to provide easy movement of the hoist along the bridge. The trolleys feature:

- Wheels that are tapered to match the 2° taper of the track and keep the trolley centered which means easier rolling and longer wheel life.
- DuraComp 4™ wheel material that is more durable and lasts longer than steel wheels.
- Ball bearings in the wheels that are sealed and lubricated for life.
- An operating temperature range between +5°F to +200°F.
- Drop stops that are integrated into the body of the trolley.
- Designs that meet or exceed the ANSI B30.11 and MH27.2 specification of underhung bridge cranes.



*Hoist Trolley*

### End Trucks

Gorbel end trucks are designed to produce effortless movement of the bridge along the runways. Gorbel end trucks feature:

- A “boxed” design that makes the end trucks lighter and more rigid for higher performance.
- A design that captures the bridge in the body of the end truck with no welds in tension.
- Wheels that are tapered to match the 2° taper of the track for reduced rolling resistance and longer wheel life.
- Two horizontal wheels that keep the end truck centered in runway improving spotting accuracy and preventing binding.
- DuraComp 4™ wheel material that is more durable and lasts longer than steel wheels.
- Ball bearings in the wheels that are sealed and lubricated for life.
- Drop stops that are integrated into the body of the end truck.
- Designs that meet or exceed the ANSI B30.11 and MH27.2 specification of underhung bridge cranes.



*Steel*



*Aluminum*

## Free Standing Seismic Zone IV Work Station Bridge Cranes

Gorbel's Seismic Zone IV (SZ4) Free Standing Work Station Cranes provide ergonomic solutions in areas where cranes can not be supported by the overhead building structure. Gorbel Free Standing Cranes can be installed on any normal 6" reinforced concrete floor.

### Seismic Zone IV Design

Gorbel's SZ4 cranes have been designed for the most rigorous applications in areas that must adhere to Seismic Zone IV building code requirements.

### Completely Free Standing Support Structure

Gorbel's Free Standing SZ4 Support Structure is designed to be entirely free standing. These crane systems require no sway bracing.

### Flexibility in Installation/Relocation

The support structure of Gorbel's Free Standing SZ4 cranes feature all bolted connections. The bolted connections provide the strength and safety required in Seismic Zone IV applications while also providing flexibility in column and runway location for easy installation or relocation.

### Modular Designs

The pre-engineered modular kit designs of Gorbel's Seismic Zone crane systems provide easy expansion or relocation.



*The bolted connections provide the flexibility in column and runway location required for easy installation or relocation.*

**GORBEL**

# Ceiling Mounted Work Station Bridge Cranes



**For clear floor areas, Gorbel's ergonomic solution when a work area must be free from any support structures that may interfere with operations.**

Gorbel Ceiling Mounted Bridge Cranes and Monorails feature:

- A pre-engineered, modular design that makes them easy to install, expand, and relocate
- Rigid runways and special end trucks that optimize movement and load positioning
- Track with a high strength-to-weight ratio
- Ease of movement that is three times that of traditional I-beam cranes
- Designed to meet Seismic Zone IV applications.

*Gorbel Ceiling Mounted Bridge Cranes handle capacities up to 4000 lbs. and overall lengths up to 34 feet. Multiple bridges along one set of runways can improve productivity.*

Visit Gorbel's Web Site at: <http://www.gorbel.com>

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