

Truss Cranes

A TC/American Crane Truss Crane may be the solution for an application that cannot be met with a multiple-runway crane or a special long span single girder crane. Truss cranes provide the ability to span long distances with a minimum of headroom.

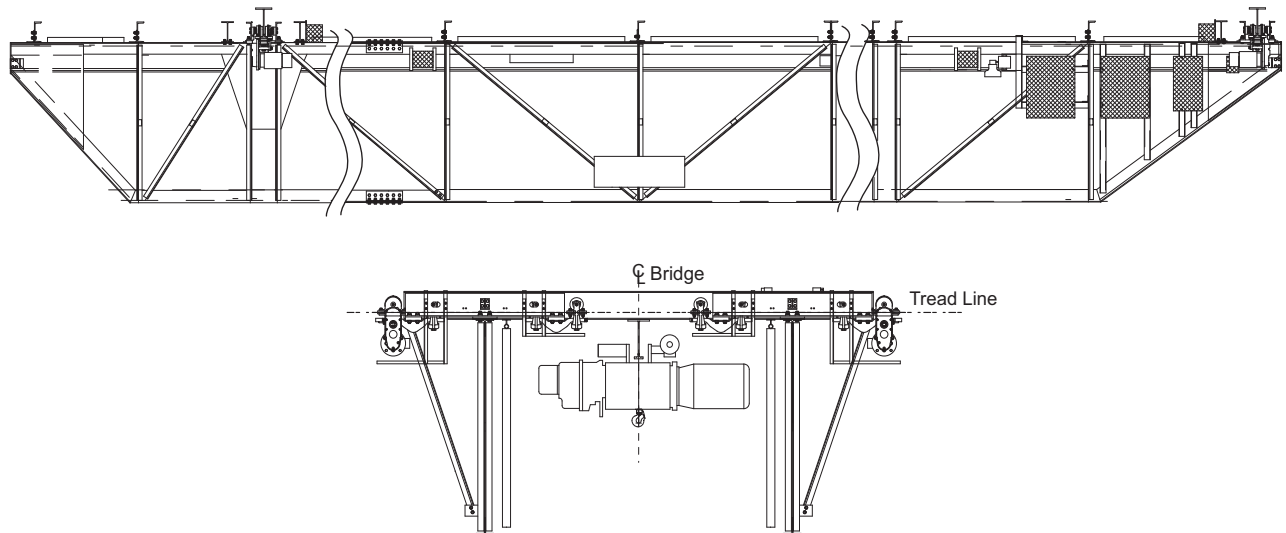
Two parallel trusses with cross-members form a rigid crane structure. Elevated within the trusses, and supported by the trusses, is a bridge beam rail for supporting a hoist and carrier. Since the trusses carry the load, the bridge beam rail size can be minimized. In many cases the hoist high hook elevation is above the bottom of the trusses.

Each Truss Crane is custom designed to the particular application. Shown below is a “typical” truss crane designed and constructed by TC/American Crane. For more information, please contact your sales representative with all application parameters.

Features

- Long span (up to 100+ ft.)
- Trusses spliced at center for easy shipment & assembly

- Single or Double Bridge Girder
- Single Bridge for Monorail Hoists
- Double Bridge for Double Girder Hoist Carrier
- Truss & Bridge Gauge as required for hoist & load clearance
- 325 or 450 Series Patented Track Rail for Runway & Bridge
- TC/American Crane CPatented Track End Trucks with Motorized Trolleys
- TC/American Crane Patented Track Runways
- Up to 15-ton capacity
- Double Truss with cross bracing
- Multiple Speed Options
- Pushbutton or Remote Control
- Festooned power and control conductors
- Optional Maintenance Walkways
- Interlocking option
- Minimum headroom
- Maximum hook coverage
- Top running optional



Typical Truss Crane, Single Girder, Double Truss