



Bridge cranes designed and built with precision to our specifications ... and to yours.

Bull manufactured overhead traveling cranes and crane components fit your dimensions and needs.

Single and double girder bridge cranes are built with precision to our specifications and to yours. What you require – lift capacity, speed, duty cycle, etc. – to get the job accomplished, is what we deliver.

- Select from economical standard products and components. Specify unique dimensions, operating parameters and/or technical specification. *Bull's crane program is highly adaptable and can be affordably customized to meet your particular needs.*
- Used all over the world. Used in hot, cold, hazardous and standard operating environments. Used for standalone applications or in complex lifting systems. *Bull cranes provide the right solution for a wide range of requirements for overhead material handling.*
- Designed using state-of-the-art engineering, manufactured with only choice materials and components, and delivered after rigorous quality controls are completed and satisfied. *Bull cranes deliver consistently high quality.*
- Constructed with our own high-quality hoists and crane components. Engineered for high workload availability and low maintenance. *Bull cranes are among the most reliable products available anywhere.*
- Built using “**Bull Quality Engineering**” processes and principles. Numerous features and options to select from. On-site installation and erection available from our own field service technicians. *Bull cranes emphasize customer safety and user-friendly operation.*

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Bull Handling Systems Overhead Travelling Crane Program	
Single girder overhead travelling cranes:	
Max S.W.L. – xx t Max. span – yy m Hoists – chain hoists upto aa t, wire rope hoists upto xx t	
Double girder Overhead travelling cranes	
Max S.W.L. – zz t Max span – bb m Hoists – wire rope hoists	
Custom-built cranes	
Max S.W.L. – zz t Max span – bb m Hoists – chain hoists upto aa t, wire rope hoists upto zz t	

GENERAL DESCRIPTION

Crane bridge

- The crane bridge is fabricated from either a rolled section or welded box section
- Crane rails precision welded with extreme accuracy
- Maximum deflection $1/500^\circ$, or complying with customer stated requirements

End Carriages

- Short wheelbases from 1250 mm to achieve small approach dimensions at the runway ends.
- Maintenance-free roller bearings
- Energy absorbing rubber bumpers of the faces of the end carriages
- High tensile bolt connection between crane bridge and end carriages

Hoists

- Bull BC chain hoists or BW/BWS wire rope hoists
- Mounted on trolley or crab
- Custom mounting available upon request

Power supply and control cables

- Flat cables in cable trolleys running in C-rails along the crane bridge



STANDARD SPECIFICATION

Crane control	Contractor control in panel box mounted on crane bridge
Supply voltage	400V 50 Hz (Other voltages available as an option)
Control voltage	48 V (Other voltages available as an option)
Classification	TBD
Temperature	-20°C to +40°C (Other ranges are possible)
Protection	IP 55 (hoist, motors)
Finish	Oxide yellow alkyde resin base & customer selected top coat
Design	Designed for indoor operation (Outdoor and explosion-proof execution available)