An overhead crane, also referred to as a bridge crane, is commonly found in industrial environments. It consists of parallel runways with a travelling bridge spanning the gap. A hoist, the lifting component of a crane, travels along the bridge.

Overhead cranes are typically used for either manufacturing or maintenance applications, where efficiency or downtime are critical factors.

Standard duty top running (SDTR) style bridge cranes have a beam mounted on end trucks to form a bridge that travels on rail atop a runway. It is designed to maximize headroom and allows for higher under hook lifts.

Standard duty under running (SDUR) style bridge cranes have a beam mounted to the underside of end trucks to form a bridge that is suspended from the lower flange of a runway beam. It is designed to maximize hook approach towards runway.
Engineered Lifting Systems & Equipment Inc. design solutions are certified by on-staff professional engineers to comply with all current applicable regulatory codes and established engineering standards for mechanical, electrical and structural elements since 1971. Crane customization is available to ensure your crane suits your application, including:

• Custom Cantilevered Lifting Beams • Long Span • Low Profile
• Maximum Hook Height • Pivoting Work Station Cranes • Rotating Lower Beams
• Run-Out Beams • Special Applications • Complete Runway Systems
• Ultra Low Headroom Arrangements • Explosion resistant & Intrinsically Safe Cranes

Component parts are selected from well-respected suppliers of ELS and are easily sourced if repairs are necessary. Each crane is ESA (Electrical Safety Authority) inspected to ensure compliance with electrical safety codes.

We make difficult jobs seem easy.
Standard Features:

- End trucks have double flange wheels with permanently lubricated bearings
- Bridge drive variable speed choices: 50, 75, 100 fpm
- I-beam for bridge
- All-welded construction
- Painted safety yellow
- Quick release coupler for easy pendant connection
- Electrical controls with flat cable conductor
- NEMA 4/12 control panel
- Bridge drives in single or two speed
- Bridge brake
- Disconnect switch
Since 1971, Engineered Lifting Systems & Equipment Inc. (ELS) has provided standard and custom overhead material lifting systems and equipment on time, on budget, while exceeding the expectations of our domestic and international customers.

In short, we make difficult jobs seem easy.

Our sales staff is knowledgeable and available to assist you in determining the optimal solution to your material handling needs. Contact us today at 1.800.263.9823 and see how we can find a solution for your lifting needs.