

ELT Inc.

ENGINEERED LIFTING TECHNOLOGIES

ISO 9001:2015 Registered with Design



BELOW-THE-HOOK LIFTING SOLUTIONS

DESIGNED, ENGINEERED, ASSEMBLED AND TESTED IN THE USA



www.ellift.com

BUILT TO SURPASS YOUR EXPECTATIONS

About ELT

For decades ELT Lifting Technologies, Inc. (ELT Lift) has designed, engineered, assembled and tested below-the-hook lifting devices for the construction, steel/metal fabrication, material handling and wind industries.

Headquartered in Western New York State, ELT Lift manufactures standard and custom-designed lifting beams, spreader beams, personnel and material crane baskets, coil lifters, pallet lifters (fixed and adjustable crane forks), telescoping lifting devices and wind tower lifting components.



Why ELT Lift is Better

North American Made

High quality products designed and fabricated in the USA to exacting standards.

Experienced Engineering & Fabrication Team

ELT Lift's engineering team designs each project in collaboration with the customer before it is released to the shop floor. The firm employs highly skilled, experienced engineers and trained draftsmen who efficiently monitor the project from first discussion through the final drawings, production and delivery to the customer.

State-of-the-Art Design Process

The company uses proven, automated methods for up-to-date compliance with relevant codes and standards including ASME BTH-1, B30.20 and B30.23, and designs exclusively in the state-of-the-art 3D CAD environment - currently run on Autodesk Inventor - using Finite Element Analysis (FEA) software for design verification.

Top Quality Fabrication Equipment

ELT operates a CNC machining center and state-of-the-art high definition plasma table for cutting complex shapes. The company's 3-axis mill (Viper) also can machine large plates as well as provide precision cutting capability.

Timely Response

As a result of extensive experience across all forms of lifting devices and situations, many of the requested designs already have been partially designed, facilitating rapid turnaround time in getting products into production.

High Quality Craftsmanship

ELT employs a skilled, dedicated workforce who believe that quality fabrication is both an art and a science. ELT Lift adheres to the requirements of the American Welding Society and strictly utilizes only qualified welding procedures and qualified welders. The company employs personnel who are AWS-QC1 Certified welding inspectors. ELT is also a supporting member of the American Welding Society.

Testing

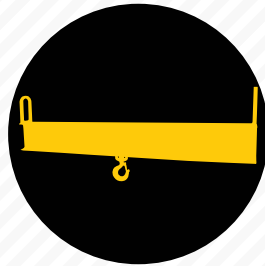
Verifying the design of all lifters through in-house load testing of up to 200 tons.



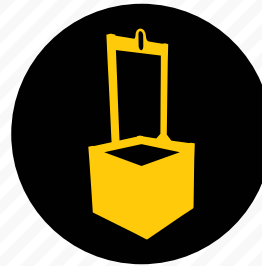
Standard Products

ELT's product line spans all categories required for the most common lifting needs.

A SOLUTION FOR EVERY APPLICATION



Lifting and Spreader Beams



Crane Baskets & Skip Pans



Coil Handling Hooks



Pallet Lifters



Fork Lift Products



Load Testing

Custom Solutions

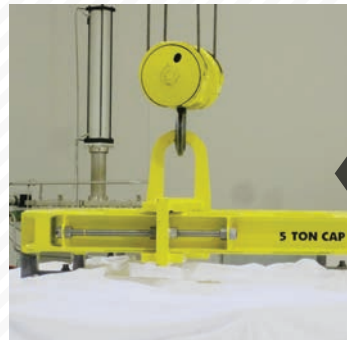
In addition to standard products, ELT also manufactures **custom designed products for a wide variety of lifting applications** to suit almost any requirement.

Examples Include:

Custom Multiple Connection Point Lifter with two-directional bail adjustment for varying center of gravity picks.



Beam, sling and hoist apparatus – designed with a reseller – for raising a 74-ton passenger ferry from a river onto a winter dry-dock location.



3-point lifter to move a 5-ton object without knowledge of the center of gravity.



Custom built 75 ton Adjustable Lifting Beam fit to the exact specs of the original 78 year old beam it replaced.

RIGOROUS QUALITY CONTROL MEANS SAFER PRODUCTS

OSHA Requirements

All of ELT's products are manufactured to meet the highest quality standards of ANSI/ASME B30.20, B30.23 and OSHA Regulations.

Many lifting devices currently in use are not safe to use by OSHA standards. Does your facility have any in use? If so, you are potentially subjecting your employees to unsafe conditions and your company to OSHA sanctions. How do you know if your lifters are OSHA compliant?

- The rated load of the lifting device is legibly marked on the main structure.
- They have an ID tag with the following minimum information:
 - » Manufacturer's name & address
 - » Serial number
 - » Lifter weight, if over 100 lbs.
 - » Rated load
 - » ASME BTH-1 Design Category
 - » ASME BTH-1 Service Class
- The device was designed by or under the direct supervision of a qualified person and the design is in accordance with ASME BTH-1.
- All welding was done in accordance with AWS D14.1 and ASME B30.20 and B30.23.

Quality Assurance

All ELT products are manufactured to meet the highest quality ANSI, ASME, OSHA and AWS standards. Each product is load tested at a minimum of 125% of the working load limit. A test certificate is issued and provided with each product.

Products are painted safety yellow and clearly marked on two sides with the working load limit per OSHA standards. Each product includes a metal nameplate affixed for traceability with the lifters individual serial number as well as pertinent data per the requirements of ANSI/ASME B30.20, B30.23 and OSHA.

Engineered Lifting Technologies (ELT) is ISO 9001:2015 registered, an internationally-accepted standard that provides a universal baseline for quality management.

ISO 9001:2015 specifies requirements designed to improve a quality process within all areas of its business, including meeting customer and regulatory requirements. The standard focuses on customer satisfaction, leadership, involvement of people, process approach, system approach to management, continual improvement, fact based decision-making and mutually beneficial supplier relationships. When implemented, these principles have been proven to enhance organizational performance and minimize risk to all parties.

Safety

The top company priority is a safe working environment; strict adherence in design to the required safety factor to prevent failure and fatigue for the life of the product. This means that ELT's products are able to withstand unintended, limited accidental overloading or abuse that may otherwise cause an accident to occur in the field.



ELT

Inc.

ENGINEERED LIFTING TECHNOLOGIES

Distributor Information

3566 Benzing Road · Orchard Park, NY 14127
716.667.6833 · 1.888.ELTLIFT · www.eltlift.com