

# LIFTING BEAM VS SPREADER BEAM

ELT designs and manufactures a large variety of Beams for any lifting application. These products are designed, fabricated, tested and certified to exceed ASME and OSHA standards.

## LIFTING BEAM

- Standard Lifting Beams consist of a body with a set of pick points, one upper and at least two lower.
- The upper pick point is typically located in the center and connects directly to the crane hook.
- Lower pick points are at each end of the beam and connect to the load in a variety of methods.
- Lifting Beams overcome bending moments, requiring a large amount of material for strength.

### PROS

- Less headroom required
- Less rigging required
- Simple to use

### CONS

- More expensive per foot and per ton of capacity
- Heavier than comparable spreader beam
- Less stable



## SPREADER BEAM

- Standard Spreader Beams consist of a body with a set of pick points on each end of the beam, one upper and one lower. These pick points can be fixed or adjustable.
- Upper pick points attach to rigging at a 45-60 degree angle and connect to the crane hook.
- Lower pick points attach to rigging that hangs vertically and connect to the load being lifted.
- Spreader Beams overcome column loading, requiring minimal material.

### PROS

- Less expensive per foot & per ton of capacity
- Lighter than comparable lifting beam
- More stable

### CONS

- Large amount of headroom required
- More rigging required
- Attention to sling angles required



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If your question is not answered above please do not hesitate, contact us directly.

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