



LIFTING & SPREADER BEAMS

All SLINGMASTER products are engineered to meet or exceed ANSI B30.20 Standard for "Below the Hook Lifting Devices". All welding conforms to CSA W-59 in our welding shop certified to CSA W47.1. A design factor of 5:1 is used unless otherwise required by the customer. All SLINGMASTER fabricated products are individually proof tested to twice the rated capacity, and come with a Certificate of Test along with Operating, warning and Inspection Guide.

- SLINGMASTER lifting and spreader beams are compact in design and ruggedly built. They are designed by Professional Engineers to provide a long, reliable working life and increased production by making it easier, faster and safer to handle awkward loads.
- All load bearing hooks, lugs, hangers and pins are made from heat treated alloy steel.
- All beams are painted safety yellow, unless otherwise specified.
- The rated working load limit or capacity is marked with large, black letters on two sides. A Bison nameplate with serial number, date, model and capacity is also attached.
- All hooks, when supplied, are safety swivel type unless otherwise specified.
- Sling and other accessories are capacity matched and tested with each beam.

MODEL LDCL

This light weight adjustable spreader is ideal for low capacity applications such as small batteries, engines, printing rollers parts, baskets and packaging film rolls. They are manufactured from alloy steel plate.

MODEL ICLS/ICLA

Centre lift, medium low head room type. Available in fixed span or adjustable. It is the industry standard for this design in addition to being the least costly. Adjustable in one foot increments or as required.

MODEL LHS/LHA

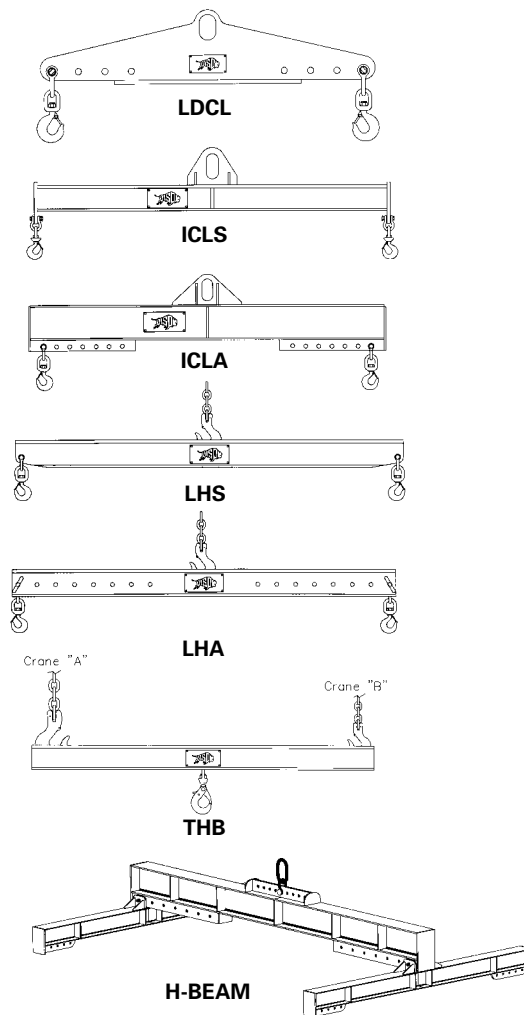
Centre lift, ultra low head room, fixed length or adjustable. This design requires the least amount of headroom. Adjustable in one foot increments or as required. These are higher cost models.

MODEL THB

TWIN HOIST BEAM combines the lifting capacity of two cranes or hoists to lift loads that weigh more than 1 crane can individually handle. Centre hook can be a roller bearing type to allow swivel under load.

MODEL H-BEAM

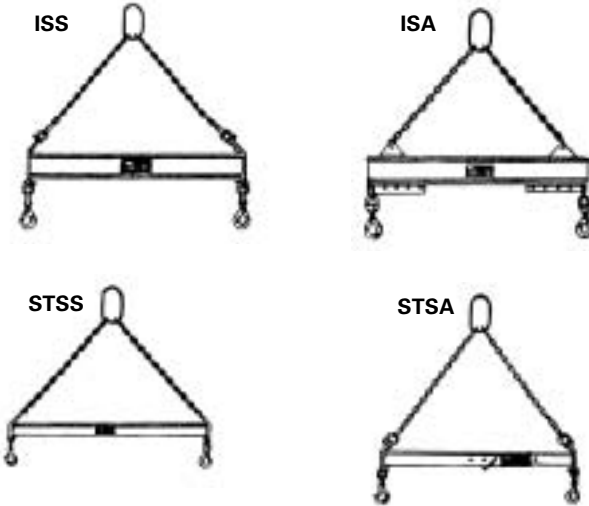
The H-BEAM offers stability for wide loads. It can be constructed as adjustable or to fixed spans. Adjustment can be manual push/pull, lead screw drive using hand wheel or chain pocket wheel or motor driven.



We specialize in custom fabrication, so call with your special application.



SPREADER BARS, BEAMS & FITTINGS



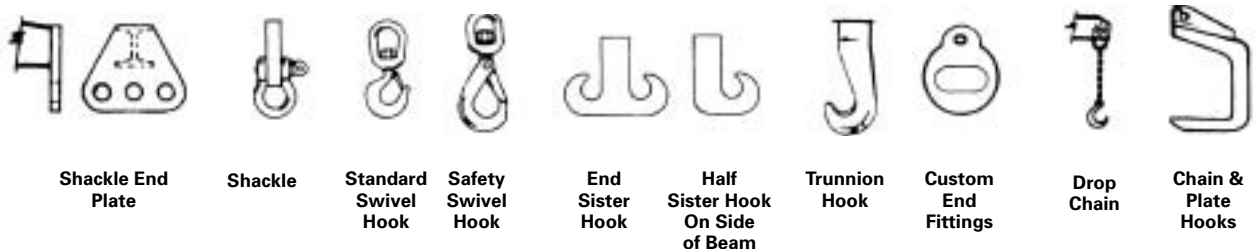
MODELS ISS/ISA

Heavy duty center lift sling design, in either standard or adjustable, is your most economical and provides the most stability since the center of gravity is so far below the lifting eye. However this design requires considerable overhead clearance (sling angle is usually 45° off beam) Adjustable in one foot increments.

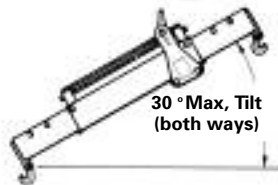
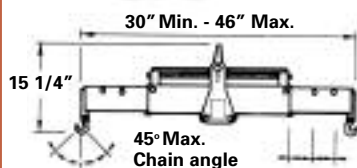
MODELS STSS-STSA

Light-Medium duty center lift sling design in standard or adjustable has the same load stability and overhead clearance requirements as the ISS/ISA above. Model STSA should only be utilized for light duty applications

BEAM END FITTINGS



LOAD POSITIONING BEAMS & SLINGS



LR2000: 2000 LBS. capacity load positioning sling device with 9/32" chain, 56" long and with a swivel hook on each end. A pair of brackets to attach to the load is included. Rotation occurs by turning the 5/8" hex head on the worm gear. Gear ratio is 34:1. The lift eye size is 1 1/4" diameter. Weight: 9 lbs.

LR6000

LR4000: 4000 LBS. capacity load positioning sling device with 5/16" chain, 65" long and with a swivel hook on each end. A pair of brackets to attach to the load is included. Rotation occurs by turning the 5/8" hex head on the worm gear. Gear ratio is 82:1. The lift eye size is 1 3/4" diameter. Weight: 23 lbs.

LR2000



LR4000



LR6000: 6000 LBS. capacity load positioning beam with eye hook on each end. Rotation occurs by turning the 5/8" hex head on the lead screw end. The lift eye size is 1 5/8" diameter. Weight: 73 lbs.

OPTIONS:

- Pocket wheel and hand chain drive for all models.
- Custom end fittings or hooks.



LIFTING & SPREADER BEAMS



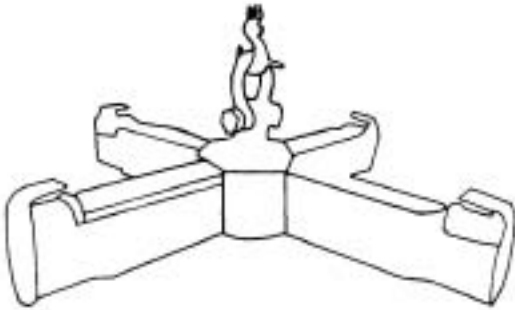
SPECIAL BEAMS FOR SPECIAL LIFTS

BISON can design, manufacture, test and certify a spreader Beam to meet your specific requirements.

"X" BEAMS

MODEL X

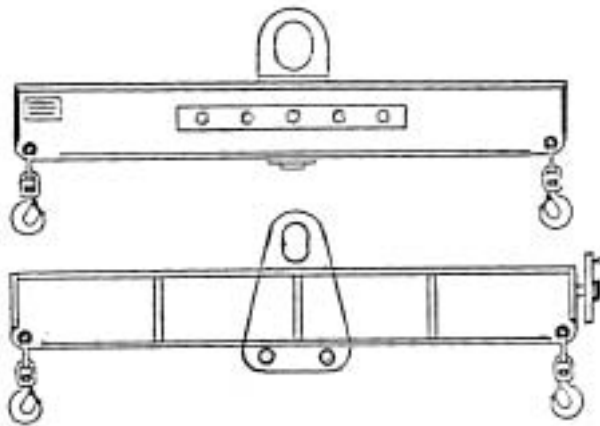
Whether loading or unloading, setting on a skid or suspended from a hoist, SLINGMASTER bulk bag handling X beams will greatly reduce your handling time. X beams are available to handle all bag sizes and weights.



ADJUSTABLE BAIL LIFTING BEAMS

MODEL AB

Ideal for adjusting the lifting bail to compensate for uneven load distribution. These adjustable lifting bail beams can be pre-adjusted in a fixed location manually by pulling pins, or infinitely adjusted through a hand wheel or chain wheel before the load is lifted. When necessary, they can be adjusted under load through a heavy duty gear box, which can be motorized or manually operated. Remote radio controlled motorized operation is also available.



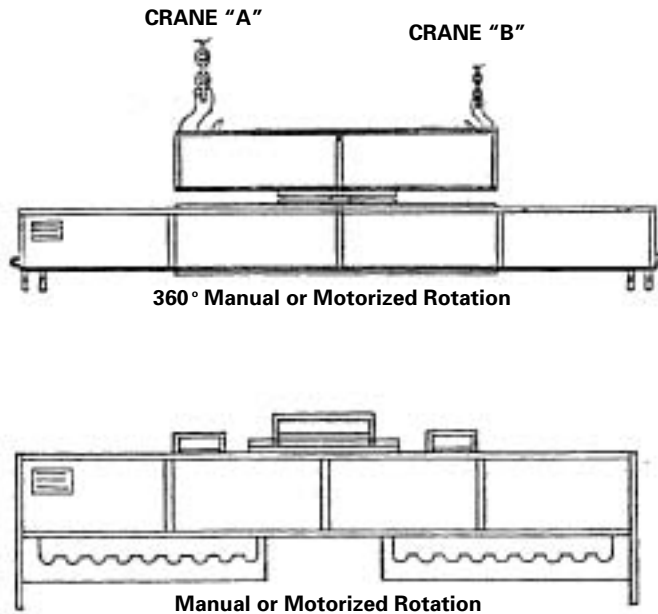
FORK LIFT HOIST BEAM

MODEL FLB

Convert your lift truck into a mobile crane. Completely self-contained, the beam is equipped with a safety chain to secure it to the carriage. A positive locking, safety swivel hook is utilized for safety and ease of handling under load. Capacity of 4,000, 6,000 and 10,000 lbs..



Detailed specifications on request. For vertical lifting only. Do not use for pulling a load.



MODEL SB

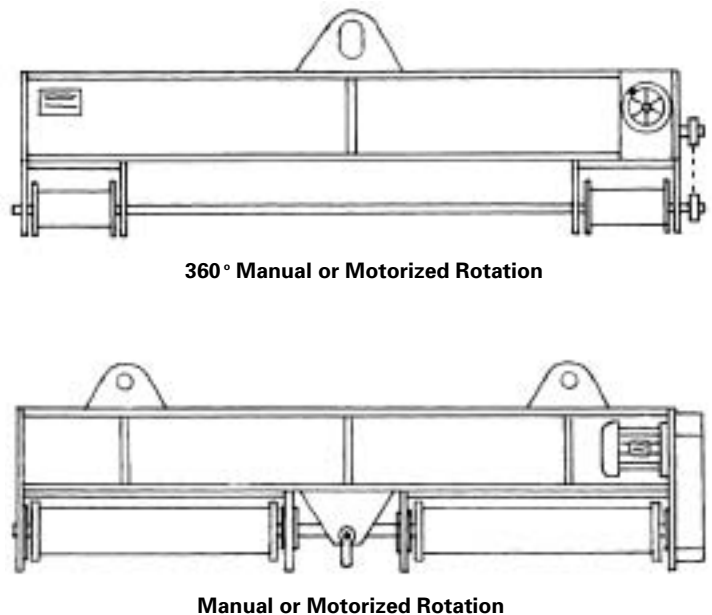
Specifically designed for specific applications. SLINGMASTER swivel beams can be suspended from two cranes or hoists of equal or unequal capacity allowing the lower beam to horizontally rotate a load. Rotation can be manual or motorized. A positive locking feature or motor brake allows the user flexibility in holding the load rotation at a desired position. Swivel beams can also be designed for use with a lift truck.

LOAD ROTATOR BEAMS

MODEL LR

Specifically designed for specific applications where a large, awkward or unusually shaped load needs to be vertically rotated. Rotation is accomplished through a heavy duty gear box which can be motorized or manually operated.

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Custom design and fabrication is our specialty. Let us solve your particular lifting problem.