

SPREADER BEAMS

SPREADER BEAMS FOR SPECIAL APPLICATIONS



All galvanized beam for lifting a dam gate. Rollers guide the beam along vertical rails.



This beam has dual bails and hydraulically adjustable pick points with slings. Beam is part of a rubber-tired gantry crane.



Universal spreader beam to lift many shapes of castings. Lifting bail is manually adjustable from a hand chainwheel



This beam uses battery powered electric actuators to lift modular structures.

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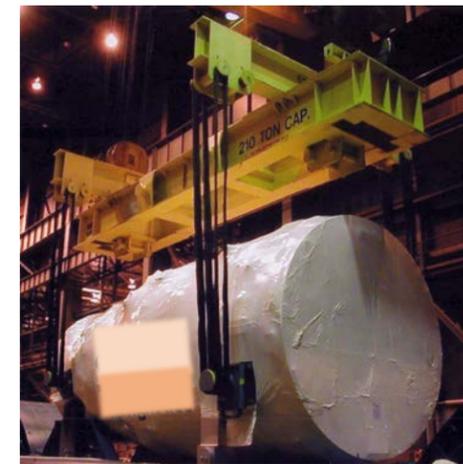
Spreader beams lift loads with single or multiple attachment points. They handle a variety of loads such as long bundles, rolls, plates, and machinery.

Bushman designs spreader beams for safety, durability and simple operation. We have unmatched experience designing and building spreader beams for use in steel mills, metal service centers, pulp and paper mills, stamping plants, power plants and in difficult environments with varied crane layouts.

All Bushman spreader beams are designed and manufactured in accordance with the latest revision of ASME B30.20 and BTH-1: Design of Below-the-Hook Lifting Devices.

Five basic spreader beam models are available in many design configurations.

- Model 413 A spreader beam with formed hooks for use with slings.
- Model 415 A spreader beam with plate hooks to engage a shaft or mandrel, used primarily for handling paper rolls.
- Model 420 The positions of the hooks on this spreader beam are adjustable to accommodate different load lengths.
- Model 439 A basic spreader beam with fixed-position safety swivel hooks for use with slings or chains
- Model 490 A chlorine cylinder lifting beam.



MODEL 439 and 420

Bushman's most popular spreader beams, the Model 439 and 420 have safety latches on each hook.

Available options include:

- Low headroom designs
- Multiple hook locations
- Special capacities and lengths
- Dual lifting bails or shackles with multi-leg lifting slings
- Manually or motorized adjustable bail
- Lifting magnets, fixed length or telescoping



MODEL 439



MODEL 420

MODEL 413



This beam has forged sling hooks at fixed locations along the length of the beam. The formed hooks minimize the potential for damage to the sling assemblies.

MODEL 415



This model 415 beam features fixed or pivoting steel plate "J"-hooks. Used primarily for handling rolls of paper, film or cloth, the hooks engage the shaft or mandrel that extends from the roll ends.

FIXED LIFTING POINT SPREADER BEAMS



Three-point spreader beam. A counterweight allows the beam to hang level when unloaded.



Four-point spreader beam with storage stand..

MODEL MR415



This rotating paper roll beam includes controls that can be integrated into your crane system. Sensors in the hooks ensure safe engagement. Optional weighing systems are available.

MODEL 420 WITH Level-Rite®



This Model 420 beam has a Level-Rite® motorized bail that levels out an unbalanced load without having to set the load down to adjust the rigging.

MAGNET BEAMS



Fixed length magnet beams are fabricated from structural beams or welded plate box sections.

- Designed for impact loads
- Twin lifting bails or reeved-in sheave nests
- Steel bushings in shackle holes.
- Available with a plug to the crane cable reel or a cable basket on the beam



Motorized telescoping magnet beams are used for plates, bars, structural shapes and rebar:

- Up to 100" telescoping extension at each end.
- One motor drives both telescoping arms
- Welded steel box center frame
- Telescoping arms are heavy wall rectangular tubes with cold-finish bars welded to top and bottom
- Includes all features of the fixed-length beams

MODEL 420 SPREADER BEAM WITH ADJUSTABLE BAIL



This beam has a hand chainwheel to adjust the bail. The bail is moved while the beam is unloaded.