



CASE STUDY

Amtrak Trains **EZ Solution to a Straight Line Pull**

Challenges? At Bigfoot, we take them all in stride.

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Situation

Amtrak, the US based passenger train company, runs more than 300 trains daily. When Amtrak needed valuable train car components lifted for transport to the Mid-West, they hired Delaware's Active Crane Rentals Inc. to perform the hoists. To maximize their lifting capacity, Active Crane wanted to do a straight line pull. Due to several factors, including the oversized dimensions of the load, it was necessary to utilize spreader bars to protect the sides of Amtrak's components, some weighing up to 100,000 pounds.

Solution

Active Crane used the Boscaro EZ Spreader Bar system, which features a unique design of interlocking sections. Each section can be used as an individual bar – which was done for the Amtrak Trains job – or they can be combined to form an adjustable spreader bar with 6 inch (15t) or 12 inch (35t or 110t) increments. The system's ability to adapt to project demands improves efficiencies and helps reduce overall project costs.



MODEL	MIN LENGTH	MAX CAPACITY	EXT. LENGTH	EXT. CAPACITY
15t EZ Spreader 5 Bar System	4'	15 tons	16' 6"	3 tons
35t EZ Spreader 5 Bar System	8'	35 tons	34'	7 tons
110t EZ Spreader 5 Bar System	8'	110 tons	34'	27 tons

*Capacity is based off a 60 degree sling angle. We can customize a system based on the span and capacity required, with the 110t EZ Spreader 5 Bar System being the largest.

- ☒ Modular
- ☒ Easy to transport and store
- ☒ Engineered to exceed ASME standards
- ☒ Tested for safety, strength and longevity

EZ Spreader Bars' rugged construction and compliance with engineering standards are the benchmarks of all Boscaro equipment. With more than 30 years of industry knowledge, Boscaro is one of the world's leading manufacturers of industrial equipment.