

Customized Tube Lifting

Magnetic Tube Lifters are designed to assist in stacking, destacking, loading and unloading a variety of tube and pipe applications. This is a permanent magnet that utilizes cylinder actuation to release a single tube/pipe or row of tube/pipe.

In the result of a loss of shop air, the Tube Lifter is designed to remain in a "failure safe" mode without the need for a battery back-up system; simply put, the magnet will not drop the tube or pipe, ensuring safer working conditions.

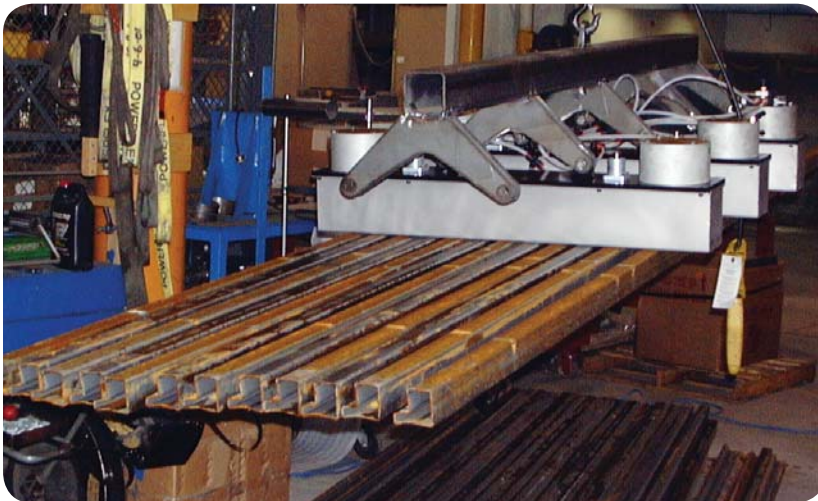
TOP/MIDDLE: The Tube Lifter is ideal for hydroforming, roll-forming, packing, cutting or tube or pipe fabrication applications.

BOTTOM: This heavy-duty lifter was designed to move large pipe with diameters ranging from 12" to 42". The maximum pipe weight is 8,000 lbs.

A compressor was mounted to the spreader to provide the compressed air required. The spreader doubled as an accumulator tank for the compressed air. The leg supports doubled as load sensors alerting the operator to the proper placement of the magnet on the pipe.

Sensors were used to determine the position of cylinders to ensure all magnets were engaged before the operator was allowed to lift the load.

For More Information On Tube Lifters See Techsheet **AG-03B**.



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