



Custom Cylinder Actuated Magnets For Lifting And Moving Large Circular Applications

TOP: Three Transporter® Cylinder Actuated Magnets are used to lift coils of steel banding 26" in diameter and weighing up to 500 lbs.

The unit was built with an extremely strong custom magnet load. Several safety features were incorporated to prevent unintentional engagement of the magnet.

Magnet Location Sensors are located on the aluminum lift plate to alert the operator as to when the magnets are set down onto a part or another surface. Part Present Switches located on the magnet housings will detect when a part/load is in contact with the face of the magnet and prevent the magnet load from engaging when a load is not present.



BOTTOM: Two Transporter® Cylinder Actuated Magnets are used to lift a variety of large brake rotors. Rotors are moved from a conveyor to packaging. Maximum weight of each rotor is 125 lbs. Diameters range from 14" to 18".

The magnets can be adjusted to match the required diameter. The controls duplicated the existing lift system to make the transition to magnets easier. A load sensor was included to inhibit RELEASE of the load unless it was supported from below.

For More Information On Transporters® See Techsheet **AG-01B**.

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