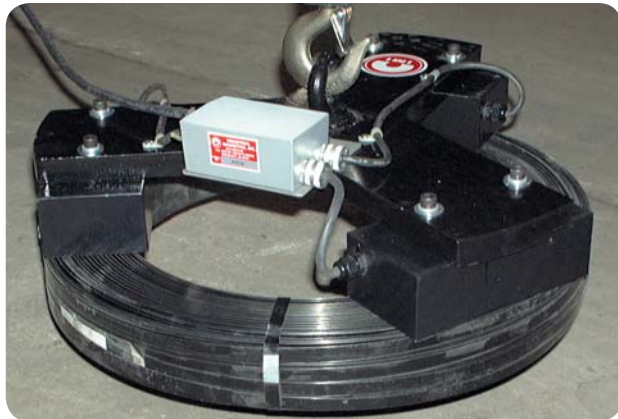




## Custom Electromagnets For Lifting And Moving Large Circular Applications

**TOP:** Lifting flywheels and similar parts weighing up to 85 pounds each. The parts are lifted and moved horizontally. This application was solved with a custom lifting device that utilizes three electromagnets that could be adjusted along a fixed spreader.



**MIDDLE:** Three electromagnets mounted on a common spreader bar were utilized to pick up rolls of banding.



**BOTTOM:** Lifting a bearing supported stub shaft and stub shaft assembly weighing up to 60 pounds total. The stub shaft with hub is lifted from a 8" O.D. surface. Once the stub shaft with hub is bolted to the assembly the entire assembly is lifted from a flat backing plate surface. The diameter of the assembly with the flat surface is approximately 16" in diameter. The parts are not rotated during lifting. This application was solved with a custom lifting device that utilizes two electromagnets on a pivoting magnet system.

For More Information On Electromagnets See Techsheet AG-10A.

Phone: 888.582.0823 • Fax: 231.582.0622  
Email: [imi@magnetics.com](mailto:imi@magnetics.com) • [www.magnetics.com](http://www.magnetics.com)