



**INDUSTRIAL
MAGNETICS.**

AG-03B

LIFT SYSTEMS

MAGNETIC TUBE LIFTERS

Ideal For Lifting Round, Shaped or Formed Tubes/Pipes

The Magnetic Tube Lifter transfers steel tubes from pallets, racks, work stations and more. The unique design of this permanent magnetic lifting system allows one person to safely and effectively move and load steel tubing in manual applications. Tube lifters can also be designed for automated applications to transfer tubes within a system. The Magnetic Tube Lifter features specially designed permanent magnetic lifting heads to lift a variety of tube shapes, diameters and wall thicknesses. To release tubes from the powerful magnetic heads, air cylinders located on the magnet assemblies are activated lifting the magnets up inside of the housing, allowing the tubes to be set down in the desired location.

Applications:

- » Loading/Unloading saws, cutting stations, welding cells and pallets
- » Transferring tubes for hydroforming
- » Moving single or multiple tubes between work stations
- » Packaging, palletizing & depalletizing

Specifications:

- » Rare Earth, permanent magnetic circuit
- » Minimum shop air pressure of 85 psi.
- » Durable, all steel construction
- » 3/8 NPT inlet fittings

Benefits:

- » Works on round, square & custom shaped tubing
- » Reliability of a permanent magnetic lift with the ON/OFF capabilities of an electromagnet
- » Fail-safe design (No battery backup required)
- » Won't drop tubes due to system power or air loss
- » Only requires shop air for operation



OPTIONS:

- » Spreader beam designed per application
- » Pneumatic components and plumbing for ON/OFF operation
- » Filter regulator with pressure gauge
- » Specially designed magnetic circuits

Key Markets

Hydroforming, Fabrication, Roll Forming

Related Products

Power Grip, PowerLift®, Permatrol® Lift