HSF Loadgrab Magnetic Lifter V

PRODUCT DATA SHEET

Hand Safety First | Advanced Hand Safety Solutions

Part No: HSF-MG005 | Hands-Free Magnetic Scrap & Metal Lifter

PRODUCT OVERVIEW

The HSF Loadgrab Magnetic Lifter V (HSF-MG005) is a heavy-duty magnetic lifting tool delivering 550 lbs (250 kg) of holding force for safe, hands-free handling of ferrous scrap, metal plates, pipes, and fabricated components. Built from high-strength alloy steel with a powder-coated anti-corrosion finish, it is engineered for demanding environments including fabrication shops, rigging yards, recycling plants, and offshore worksites. The ergonomic D-handle and manual engage/disengage lever keep operators in full control while eliminating direct hand contact with hazardous materials.

SPECIFICATION	VALUE
Model / Part No.	HSF-MG005
Lifting Capacity	550 lbs (250 kg)
Body Material	Heavy-duty alloy steel
Surface Finish	Powder-coated anti-corrosion
Operation	Manual engage / disengage lever
Handle Type	Ergonomic D-handle (glove-friendly)
Safety Standard	HSF Hands-Free Safety Standard
Category	Hands-Free Magnetic Tools

HSF-MG004 in use — gloved operator lifting steel bar with D-handle grip

KEY FEATURES

Feature	Detail
550 LBS Lifting Capacity	Reliable magnetic grip on ferrous plates, pipes, scrap, and fabricated components.
Hands-Free Safety Design	Eliminates direct contact with sharp, hot, or unstable materials; prevents pinch-point and crush injuries.
Manual Engage/Disengage	Lever-based on/off control for quick, precise pickup and safe release of materials.
Heavy-Duty Alloy Steel Body	Built to withstand demanding daily use in industrial, offshore, and recycling environments.
Anti-Corrosion Powder Coat	Durable finish resists moisture, chemicals, and harsh weather for long service life.
Ergonomic D-Handle	Non-slip grip designed for gloved hands; reduces fatigue during prolonged or repetitive handling.

APPLICATIONS

Application	Detail
Scrap & Metal Recycling	Safely lifts ferrous scrap and debris without physical contact, speeding up yard operations.
Fabrication & Welding	Aligns and positions metal plates or assemblies for welding and cutting tasks.
Rigging & Construction	Guides and holds small-to-medium steel components during crane or ground-level lifts.
Maintenance Operations	Simplifies lifting and removal of metallic parts, tools, and covers in plant environments.
Offshore & Energy	Safe handling of steel components in marine, oil & gas, and power generation facilities.
Zero Hand Injury Programs	Supports HSE hand-safety protocols and company-level zero hand injury initiatives.

Safety Notice: Inspect the magnetic base, lever mechanism, and handle before each use — remove from service if any component is worn, cracked, or damaged. Do not use on non-ferrous materials or surfaces with paint, scale, or contamination that may reduce magnetic grip. Keep all personnel clear of the load path during lifting and release. Ensure the magnet is fully engaged before lifting any load. Not suitable for use in explosive atmospheres. **Manual Lifting Guideline:** When used as part of a manual handling operation, it is recommended not to exceed 30 kg (66 lbs) per person. For loads above this threshold, mechanical lifting aids or team lifts with appropriate risk assessment must be employed. Only trained and competent operators should use this tool.

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