HSF LoadGrab MagHead Lifter

PRODUCT DATA SHEET

Hand Safety First | Advanced Hand Safety Solutions

Part No: HSF-LG-001 | Magnetic Material Handling Tool with Lock

PRODUCT OVERVIEW

The HSF LoadGrab MagHead Lifter is a compact, high-strength magnetic handling tool designed for safe lifting, pulling, and positioning of ferrous materials in industrial environments. Built with a lightweight aluminium body and a 3-function locking pin, it delivers 550 lbs of magnetic force while keeping operators safely clear of pinch points and crush hazards.

SPECIFICATION	VALUE
Part Number	HSF-LG-001
Magnetic Capacity	550 lbs (250 kg)
Body Material	Lightweight Aluminium
Locking Mechanism	3-Function Locking Pin
Rotation	360°
Pivot	180°
Handle	Ergonomic D-grip
Release	Lever-actuated quick release

HSF LoadGrab MagHead Lifter with D-grip handle and magnetic base

KEY FEATURES

Feature	Detail
Lightweight & Durable	Aluminium construction provides an optimal strength-to-weight ratio for easy one-hand operation.
550 LBS Magnetic Force	Powerful neodymium magnet ensures a reliable, slip-free grip on ferrous materials.
360° Rotation / 180° Pivot	Full articulation lets the operator position loads at any angle without re-attaching.
3-Function Locking Pin	Secure attach, hold, and release modes prevent accidental drops in high-hazard zones.
Ergonomic D-Grip Handle	Reduces hand fatigue during extended use; keeps operator hands away from pinch points.
Quick-Release Lever	Single-action release streamlines workflow and minimises contact time with the load.

APPLICATIONS

Application	Detail
Steel Sheet Handling	Safely move, position, and stack ferrous steel sheets without manual contact.
Scrap & Assembly Lifting	Handle scrap metal, fabricated assemblies, and structural components with confidence.
Construction	Position steel elements during installation in confined or overhead work areas.
Manufacturing	Integrate into production lines for fast, repeatable magnetic pick-and-place tasks.
Automotive	Manoeuvre body panels, frames, and stamped parts without surface damage.
Industrial Safety	Eliminate hand-in-pinch-zone exposure when moving heavy magnetic materials.

Safety Notice: Inspect the locking pin and magnet surface before each use — remove from service if worn or damaged. Keep personnel clear of the load path. Do not use on non-ferrous materials, hot surfaces, or in explosive atmospheres. Ensure the 3-function locking pin is fully engaged before lifting. Only trained operators should use this tool. **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.

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