HSF LoadGrab MagHead T-Handle Push/Pull Tool Series

PRODUCT DATA SHEET

Hand Safety First | Advanced Hand Safety Solutions

MagHead Capacity: 550 lbs | Fixed & Extendable Models

PRODUCT OVERVIEW

The HSF LoadGrab MagHead T-Handle Push/Pull Tool series provides hands-off magnetic load control for riggers, fabricators, and crane operators working with suspended or heavy ferrous materials. A powerful 550 lb magnetic ball head engages securely to steel, while the T-handle grip gives operators full directional push/pull control from a safe standoff distance — keeping hands clear of pinch, crush, and caught-between hazard zones. Available in fixed lengths (36" and 54") and an extendable model (4–8 ft / up to 90"), the series adapts to short-range precision work, mid-range load guidance, and extended crane lift operations.

PRODUCT VARIANTS

Fixed 36" & 54" models (top) alongside Extendable 4–8 ft model (bottom)

FIXED MODEL — 36" & 54"	
Part Numbers	HSF-LG-TH36 | HSF-LG-TH54
Lengths	36" (900 mm) | 54" (1370 mm)
Shaft	Fixed fibreglass — safety orange
Handle	T-Handle — bilateral grip
MagHead	550 lb magnetic ball head
Release	Quick-release trigger action
Best For	Close-range & mid-range load control

EXTENDABLE MODEL — 4–8 ft	
Part Number	HSF-LG-THEXT
Length Range	4 ft – 8 ft (48"–96" / 1.2–2.4 m)
Max Extension	90 inches (7.5 ft)
Shaft	Telescopic — high-strength alloy
Handle	T-Handle ergonomic — bilateral grip
MagHead	550 lb magnetic ball head
Best For	Crane lifts, elevated & extended reach

KEY FEATURES

Feature	Detail
550 lb MagHead	Powerful magnetic ball head ensures reliable engagement with all ferrous steel surfaces.
Quick-Release Trigger	Fast, smooth magnetic detachment with minimal effort, reducing strain and improving cycle time.
T-Handle Bilateral Grip	Two-handed push/pull control gives full directional authority over suspended or positioned loads.
Fixed & Extendable Options	36" and 54" fixed models for close-range work; telescopic 4–8 ft model for crane and elevated operations.
Hands-Free Safety Design	Keeps operators out of pinch, crush, and caught-between hazard zones at all times.
Industrial-Grade Build	Safety-orange fibreglass and high-strength alloy construction for daily use in harsh environments.

APPLICATIONS

Application	Detail
Overhead Crane Operations	Guides and controls suspended ferrous loads during pick-and-place crane lifts.
Road & Trench Plate Handling	Safely moves heavy steel plates without direct hand contact.
Steel Beam & I-Beam Positioning	Controls pipes, poles, I-beams, and structural steel during installation.
Fabrication & Welding Shops	Positions plates and assemblies with precision for welding and cutting.
Oil, Gas & Refinery Sites	Hands-free load control in high-hazard environments; supports zero hand injury programs.
Construction & Power Plants	Guides loads in confined or elevated areas where reach and standoff distance are critical.

Safety Notice: Inspect the magnetic head, trigger mechanism, shaft, and T-handle before each use — remove from service if any component is cracked, worn, or damaged. Do not use on non-ferrous materials or on surfaces where magnetic grip may be impaired by paint, scale, or contamination. Do not use on hot or heated metal surfaces — elevated temperatures significantly reduce magnetic holding force and risk sudden uncontrolled load release. Keep all personnel clear of the load path and swing radius at all times. Ensure the magnetic head is fully engaged before applying push or pull force. For the extendable model, verify the telescopic locking mechanism is secured at the chosen length before use. Not suitable for use in explosive atmospheres. **Manual Handling Guideline:** When used in manual handling operations, it is recommended not to exceed 30 kg (66 lbs) per person. For loads above this threshold, mechanical lifting aids or team operations with appropriate risk assessment must be employed. Only trained and competent operators should use this tool.

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