

PERMADUR PLATE HANDLING SYSTEMS

Safe, Efficient Solutions



Permadur Plate Handling Systems are engineered for safe, efficient movement plate steel. Built with fail-safe magnet technology, they prevent accidental load drops, even during power failure or misoperation magnet control. Available in AC or battery-powered options, they are tailored for plate size, thickness, and handling requirements.

Key Benefits

- Will not drop suspended load due to power loss, wiring faults, misoperation of controls
- Single sheet lift from stack
- Selective magnet controls with movable cross arms
- Control options range from ON/OFF pushbutton to radio remote to PLC controls. Permadur controllers provides safety indicator lights for positive feedback to the operator to confirm magnet attachment prior to lift
- Customer supplied AC or rechargeable battery in any capacity
- One-operator efficiency boosts productivity
- No power consumption during lift (100% duty cycle)
- Compact, durable design
- Built to OSHA and ASME B30.20 standards
- Lower head room design

MODELS

Custom design based on load thickness, plate dimensions and surface conditions. Available with external power or rechargeable battery in any capacity.

USE CASES

Common in steel service centers, shipyards, and heavy manufacturing where large plate handling is required.

PERMADUR STANDS OUT

- Built to OSHA and ASME B30.20 standards
- Exclusive safety indicator lighting, confirm absorption of magnet field by the load before proceeding with the lift for added operator confidence.
- Reduces handling time by up to 70%
- Custom engineered for specific plate applications
- Energy efficient — no power required during hold

Since 1972, *Permadur Industries* has specialized in Below-the-Hook lifting equipment engineered for safety, productivity, and efficiency. A family-owned business based in Hillsborough, NJ, we provide tailored solutions that ensure loads are never dropped due to power loss. As part of the SISSCO Material Handling family, an executive member of the CMAA, Permadur delivers unmatched expertise in lifting technology.