

SHEET & PLATE LIFTERS

SPECIAL PURPOSE SHEET/PLATE LIFTERS



This 30-ton pin-pallet lifter has adjustable forks to conform to different pallets and motorized rotation for efficient loading of trucks.



Twin manually-operated sheet lifters can be supported by a spreader beam to lift extra long plate bundles.



25 metric-ton hydraulic plate lifter in a steel mill is reeved directly to the crane and includes anti-sway bars.



A sheet lifter can be adapted to handling foam buns which are used to manufacture air filtration products

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Bushman manufactures a complete line of **sheet and plate lifters** engineered to meet a variety of dimensional, capacity and application requirements. Bushman sheet lifters serve many production applications and have numerous optional features to customize the equipment to your individual needs. All sheet lifters are designed according to the latest revisions of ASME Specifications B30.20 and BTH-1, Design of Below-the-Hook Lifting Devices.

Standard Safety and Design Features

- Self-locking gear design prevents the legs from accidentally opening under load
- Large diameter hand wheel permits easy width adjustment.
- Compact, low-profile design that permits higher stacking.
- Robust welded steel plate frame construction
- Steel guards over all open gears, racks and motor-driven shafts.

Optional Features

- Motorized leg operation to provide better ergonomics and improved efficiency in high volume service centers.
- Designs up to 50 tons.
- Special designs for extra wide or extra long loads.
- End hooks for additional load stability.
- Extra-low headroom bails.
- Multiple bails for single hook or double hook cranes.
- Available in a variety of voltage and control configurations including radio control.
- Self-contained battery-powered unit fits on any crane without requiring power to the crane hook.
- Motorized rotation
- Load weighing systems
- Hydraulic-powered units can align multiple bundles.
- Contact Bushman for more options.



The **Model 550** sheet lifter is an economical solution for light/moderate duty applications.



The **Model 560** sheet lifter is a workhorse for heavy/severe duty metal service centers .

CARRYING ANGLES AND FORKS



Standard carrying angles, 6' to 8' long



Pin-on carrying angle extensions, to 40' long



Fixed forks to match pallets or conveyor



Adjustable forks for varying pallet/bundle lengths



Telescoping carrying arms with adjustable forks



POWER OPTIONS



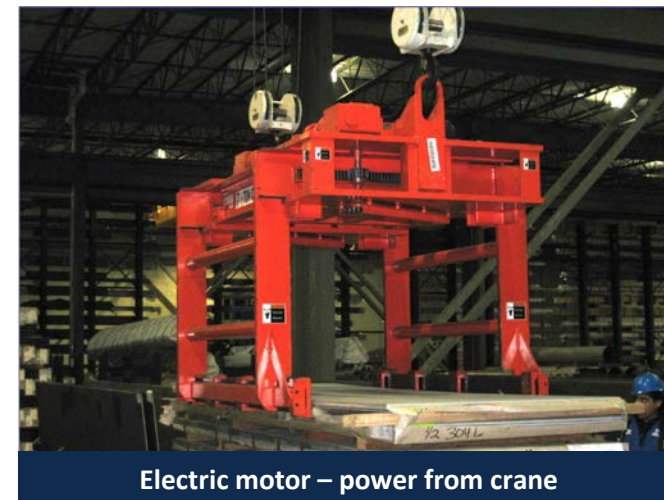
Manual hand wheel

A manual hand wheel off of one end is the standard configuration. A side-mounted hand wheel or a hand chain wheel are available options.



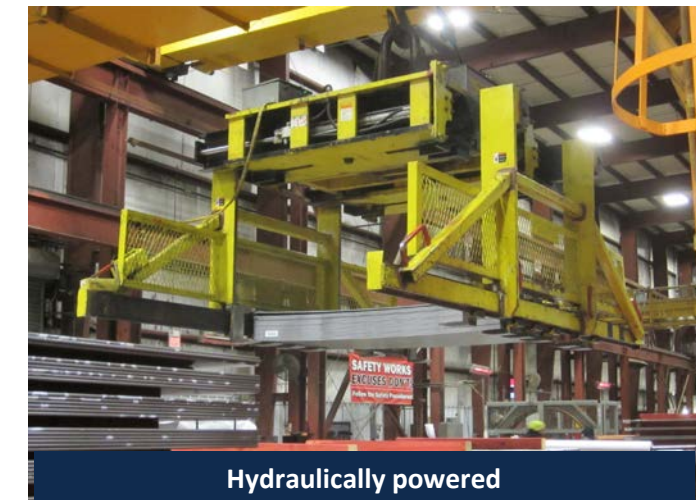
Electric motor – battery powered

This lifter is motorized but is powered by a self-contained battery system. The control panel and remote radio control receiver are mounted on the lifter. No cable reel is required from the crane.



Electric motor – power from crane

Electric motor driven with the power feed from the crane. AC or DC motors available to match the crane's power supply. Motor controls can be provided and either mounted to the lifter or shipped loose for mounting on-board the crane.



Hydraulically powered

Power feed from the crane to a hydraulic power unit (HPU) on the lifter. HPU powers hydraulic cylinders to move the legs and provide the muscle to align multiple bundles. No gearboxes, line shafts, slip clutch, racks/pinions to maintain.