

PFlow

Industries, Inc.

B SERIES | BOX LIFT

Modular design for easy installation and minimal maintenance.

- ↓↑ Lifts loads up to 500 lbs. Standard carriage size is 3' x 3'. Standard travel speed of 30 FPM.
- ↓↑ Ideal for lifting boxes, totes, cartons, barrels, sacks, cases, individual parts or miscellaneous items.
- ↓↑ Moves loads to mezzanines/between floors.
- ↓↑ Completely self-contained, self-supporting and economical to own.
- ↓↑ Allows loading and unloading from one of three sides at each level.
- ↓↑ Durable, high quality construction ensures safe, reliable long-term performance.
- ↓↑ Mechanical motor/gear reducer located at the base of unit for ease of maintenance.
- ↓↑ Unit ships in modular sections pre-wired with "quick-connect" wiring.
- ↓↑ Integral access gates are provided at each level and interlocked with lift operation.
- ↓↑ Gates are modular and can be configured to hinge right and lock left or vice versa.
- ↓↑ Built-in, advanced safety features protect workers and materials.
- ↓↑ Conforms to ASME B20.1 Safety Standards.



OVERALL

The B Series Box Lift provides simple and convenient transportation of materials between two levels. Principle components include modular steel enclosure frame, mechanical drive assembly and lift carriage.

APPLICATION DATA

Lifts loads up to 500 lbs. Standard carriage size is 3' x 3'. Standard travel speed of 30 FPM.

STRUCTURE

Stackable modular formed steel panels provide full height guarding and internal guide for carriage assembly. Gate arrangement can be easily changed for right hand or left hand swing open pattern.

OPERATION

Carriage is lifted and lowered by dual roller chains connected to electric motor-reducer assembly. Motor-reducer assembly is mounted within lift enclosure at floor level with easy access door for maintenance.

ELECTRICAL

Standard power requirements are 230V single-phase or 230V/460V 3-phase. Low voltage controls. NEMA 12 rated momentary contact push button stations are provided for each level and include mushroom head E-stop. Quick-connect wiring is provided and ships partially pre-wired to minimize installation.

SAFETY FEATURES

The B Series Box Lift is the safest modular small package lift on the market. Features include exclusive spring loaded dual safety pins that prevent uncontrolled descent in case of chain failure; electro-mechanical door interlocks, full height safety enclosures, and overload protection.

CARRIAGE

Positioned to load/unload at ergonomic heights at each level.

SAFETY ENCLOSURES / GATES

Standard units include interlocked swing gates and full-height enclosures on all sides made of 1/2" expanded metal.

