

# 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.

