



# EZ LOADER®

## EZ-1 Series Automatic Pallet Positioners



**Self-Leveling,  
Heavy-Duty,  
Pneumatic  
450 to 4,500 lb.  
Capacity  
For Surface  
Installation**

EZ-1-30

**Model Number Format**

EZ-1-30

Series "EZ-1" \_\_\_\_\_  
Automatic Pallet Positioner  
Capacity Range \_\_\_\_\_  
30 = 450 3,000 lbs.

U.S. Patent 5,299,906  
European Patent 0,512,775

CE

### Description

Bishamon EZ-1 Series Pallet Loaders/Unloaders are the modern way to manually load and unload pallets by bringing the level and location of the top of load closer to the person doing the work. Pallet loading and unloading time can be reduced by 40%, thereby substantially increasing productivity.

### Applications

EZ Loaders are excellent additions to any loading or unloading process using pallets as the transportation medium. They reduce worker fatigue, improve safety and minimize situations which can lead to back injuries or damage to sensitive products. Typical applications are in manufacturing, processing and distribution.

### Standard Features

- Firestone Airstroke Actuator™ raises and lowers the table platform to vertically position the pallet to a convenient height.
- Firestone tests each Airstroke Actuator™ and warrants them for life against workmanship or material defects
- Pressure relief valve prevents excess pressures
- No mechanical springs, uses captivated air to pressurize the Airstroke Actuator™ and a bleed valve for capacity adjustments
- Self-dampening operation
- Heavy-duty, structural steel construction with rugged base frame
- Entrapped rollers in base for added stability
- Dual attached maintenance blocks
- 43" diameter rotator ring on top of unit with secured center pivot
- Ball bearing center pivot on rotator ring provides smooth, even rotation
- Load weight compensation to keep the top of the load at a convenient working height
- Finger guards under rotator ring are standard on EZ Loaders
- System easily adjusts for varied loads without guessing or changing of springs
- Custom designed air gauge indicates system pressure in both English and metric scales
- Clean design with minimum of maintenance needed

- Product comes fully assembled
- Surfaces phosphatized and polyester powder coating applied
- Easily transported with fork truck

### Advantages

- Exceptional features generate the following advantages:
- Totally self-contained, does not require constant air supply
  - Self-raising and lowering of the pallet as load weight changes
  - Years of trouble-free use.
  - No springs to change or estimating of weight
  - Simple adjustments of weight capacities to work requirements
  - Self-dampening eliminates the need for shock absorbers
  - Rotator ring minimizes walking and reaching during the loading process.
  - Smooth, even rotator ring motion improves worker efficiency
  - Work is always at the optimum level so worker does not have to bend, stretch or strain
  - Requires very little maintenance
  - No assembly required
  - Fork truck transportable without need for additional options

### Limited Warranty Policy

Lifetime warranty of Firestone Air Actuator. 1 year replacement on materials and manufacturing process. Please refer to actual Warranty for specific details.

Specifications are subject to change without notice.

EZ-1 Series EZ Loaders are one of a group of Bishamon materials handling products. Call Bishamon for additional literature.



**The EZ way places work at a convenient height so the worker does not have to bend, reach or strain, increasing productivity**



Finger guards are standard

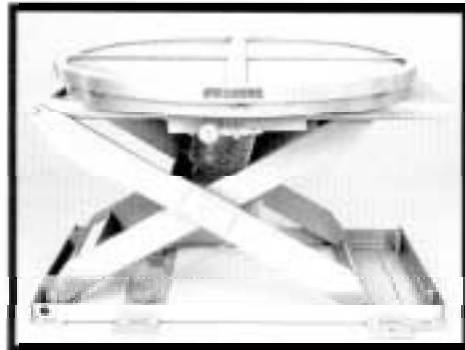
Rotator ring is secured at center pivot. Can be easily removed by disengaging the snap ring.



Location of air valve and pressure gauge at end of table provides protection and easy accessibility

Selector Table for EZ-1 Series. Capacities 3,000 or 4,500 lbs.							
Model	Travel (inches)	Collapsed Capacity Range		Height (inches)		Ship Weight	Price
		Minimum	Maximum	Lowered	Raised		
EZ-1-30	21 1/4	450 lbs.	3,000 lbs.	8 3/4	30	430 lbs.	\$2,055
EZ-1-45	21 1/4	1,100 lbs.*	4,500	8 3/4	30	450	2,055

\*900lbs. @ 29" raised height



Stainless Steel models now available



**EZ Loader can be lifted by a forklift without the need of fork pockets**

Options	
Square or Rectangular Style top, 44" Minimum 48" Maximum	\$425
Rotating - Non-Rotating	
Solid plate round turntable	108
USDA accepted washdown package (Epoxy finish)	1,100
Stainless Steel	CALL

Accessories	
Bellows guard	\$495
Portability package* (2 Wheels and dolly handle)	450
Fluid hold-down package	550
Rotator ring brake kit	60

\*Portability Accessory only to be used in unloaded condition

The EZ Loader is CE marked under the Machinery Directive (89/392/EEC)