BLUE GIANT®

AIR BALANCERS



ZERO-GRAVITY ERGONOMIC LIFTING
FOR SAFE, PRECISE MATERIAL HANDLING

CORMAC
INDUSTRIAL
A BLUE GIANT COMPANY

ERGONOMIC LIFTING SOLUTIONS



Air Balancers use pneumatic technology to make heavy loads feel virtually weightless, allowing operators to lift, move, and position components with minimal physical effort. Designed for ergonomic material handling, assembly, and repetitive applications, they help reduce fatigue and strain while improving productivity, precision, and ease of operation.

ERGONOMIC LOAD HANDLING

Balance heavy loads to reduce the physical effort required to lift and move components. Air Balancers help minimize operator fatigue and strain while supporting more comfortable working postures.

BUILT FOR CONTINOUS-DUTY APPLICATIONS

Designed for frequent and repetitive operation, Air Balancers provide reliable performance in demanding production and material handling environments.

INTUITIVE, RESPONSIVE CONTROL

Smooth, responsive operation gives operators precise control over load movement and positioning. Air Balancers can also suspend welding guns and other constant-weight tools, keeping equipment precisely positioned, readily accessible, and easy to maneuver.

PNEUMATIC POWER, DEMANDING ENVIRONMENTS

Powered by compressed air, Air Balancers require no electrical connection at the lifting device and can integrate easily into facilities with existing compressed-air infrastructure. Their pneumatic design can also be advantageous in environments where heat, moisture, or dust are considerations.

FEATURES:

- Hand-guided or push-button operation
- 20 in (508 mm) float range for flexible load positioning
- Adjustable up/down speeds
- 100 PSI operating pressure (90 PSI minimum)
- Centrifugal safety brakes
- Lubrication-free operation for low maintenance

AIR BALANCER

AVAILABLE MODELS

AIR BALANCER - BASIC

Ideal for everyday lifting and positioning applications where smooth, ergonomic load handling and long vertical travel are required.

Capacity: 350 lb (159 kg)

Vertical travel: 78 in (2,000 mm)





AIR BALANCER - REEVED

Reeved configuration provides increased lifting capacity while maintaining precise pneumatic control in applications with shorter vertical travel.

Capacity: 700 lb (316 kg)

Vertical travel: 39 in (1,000 mm)

AIR BALANCER - TANDEM

Combines higher lifting capacity with extended vertical travel for demanding material handling applications.

Capacity: 700 lb (316 kg)

Vertical travel: 78 in (2,000 mm)





AIR BALANCER - TANDEM REEVED

Our highest-capacity configuration, designed for heavy-duty lifting applications requiring exceptional load control.

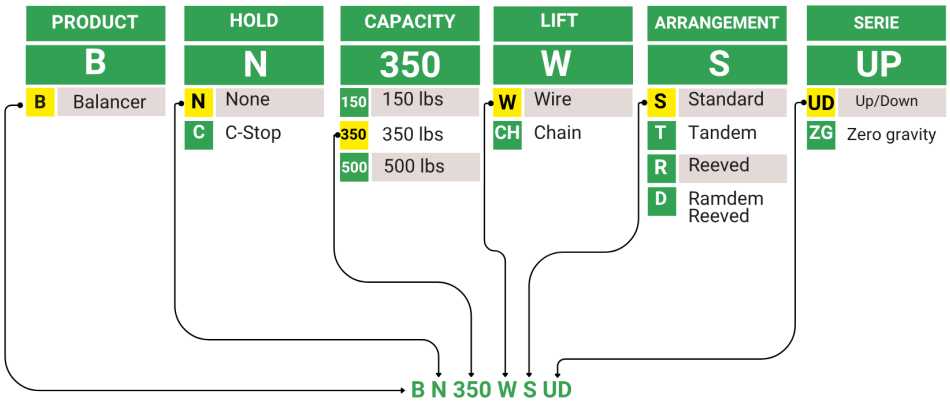
Capacity: 1,400 lb (632 kg)

Vertical travel: 39 in (1,000 mm)

AIR BALANCER

BUILT FOR PRODUCTIVITY

CONFIGURATIONS



Example balancer: B N 350 W S UD

WHY CHOOSE OUR AIR BALANCERS

With decades of experience designing and installing ergonomic lifting solutions, we help manufacturers improve workplace safety, productivity, and material handling efficiency.

- Custom-engineered solutions for unique applications
- Integration with existing lifting systems
- Proven performance in demanding industrial environments
- Expert support from design through installation

RECOMMENDED APPLICATIONS

- Automotive and assembly lines
- Machine tool loading/unloading
- Packaging and palletizing
- Fragile component handling
- Repetitive pick-and-place operations
- Component assembly and positioning



(Optional EZ Float Controller)

COMPATIBLE SYSTEMS AND ACCESSORIES

- Optional EZ Float Handle for intuitive lifting and positioning
- Compatible with hooks, mechanical grippers, vacuum tooling, magnets, and custom-engineered manipulators
- Integrates with workstation bridge cranes, jib cranes, articulated arms, and custom support structures

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Blue Giant offers a full line of dock levellers, dock safety equipment, seals and shelters, accessories, ergonomic and scissor lift equipment and industrial trucks. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact Blue Giant for latest information. Some features illustrated may be optional in certain market areas.

If calling within North America: t 1.800.872.2583

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