

Compact, ergonomic and cost-effective balancers are streamlined to fit virtually any work space, improve productivity by keeping tools organized and safeguard expensive power tools from possible accidents with superior suspension features

Molex's Aero-Motive® balancers allow workers to move suspended tools or objects up or down with very little effort. The ergonomic balancers reduce operator fatigue and repetitive motion stress. Balancers eliminate pick-up and lay-down wear of tools and prevent accidental tool dropping.

Depending on the spring adjustment of the balancer, the suspended tool or object will remain balanced when no force is applied. The balancers hold a spiral groove on a tapered drum that increases the winding radius to match the torque buildup of the spring when a load is applied. This action neutralizes the force to achieve a true-balance condition. The compact Aero-Motive AB balancers retain the same spring performance as the existing balancers and are smaller to accommodate tighter work spaces.

The AB balancer series includes three standard and three enhanced models with an on/off ratchet lock to hold the tool in the desired position. The AB balancers cover a weight range of 1.5 to 11 lbs (0.68 to 5.0 kg) and carry the CE mark for the European Market. For more information on balancers and tool support products, including balancers, positioner and retractors, visit www.molex.com/link/aeromotivebalancer.html.

FEATURES AND BENEFITS

- Compact design accommodates tight work spaces, provides effective use of work space and increases safety by keeping work area uncluttered to reduce chance of accidental tool start up during handling
- Lower locking hook and 360° rotating upper locking hook enhances security of balancer and tool and provides a full range-of-motion
- Spiral-grooved tapered drum for tool balance and to reduce operator fatigue with suspension capability for heavy tools
- Cable travel 1.5m (4.9ft) increases operating distance for various work situations
- ABS (Acrylonitrile Butadiene Styrene) housing has high-impact composite housing for extra durability and resistance to harsh environments
- PVC-coated galvanized cable increases durability and life of spiral-grooved tapered drum and cable
- Snap hook with locking-screw secure latch increases security of tool and simplifies attachment and removal
- Heavy-duty spring for longevity and lasting performance of balancer

SPECIFICATIONS

Reference Information

CE: Meets standard for European Market
 Use With: Woodhead Floor-Mounted Swing JIB, (Order No. 130179-0350) and the Floor Mounted 6' SWG-JIB 50 lbs (Order No. 130179-0360)

Physical

Housing Material: Acrylonitrile Butadiene Styrene (ABS)
 Cable: 3.20mm (.126") PVC coated, 2.50mm (.098") 7-by-7 galvanized cable
 Cable Coating: Polyvinyl chloride (PVC) coated 0.35mm (.014") thick
 Cable Travel: 1.50m (4.90')
 Product Size: 73.66mm (2.90") depth by 165.10mm (6.50") diameter
 Product Weight: 1.18 kg (2.6 lbs)

Aero-Motive® Compact AB Balancers

**130237 0.68 to 5.0kg
(1.5 to 11 lb)
Weight Range**



1.5 to 11 (0.68 to 5.0 kg) Pound Balancers
 Left: Enhanced Balancer with Ratchet Lock
 Right: Standard Balancer

Top Mount: 360° swivel design with snap hook and locking-screw latch
 Drum Type: Tapered
 Safety Chain: Snap hook with locking-screw latch at each end with 4 chain links
 Adjustment Spring: Use 8.00mm Allen T-Handle Hex Wrench
 Main Spring Lubrication: Lifetime lubricated at factory
 Maintenance: Non-serviceable

APPLICATIONS

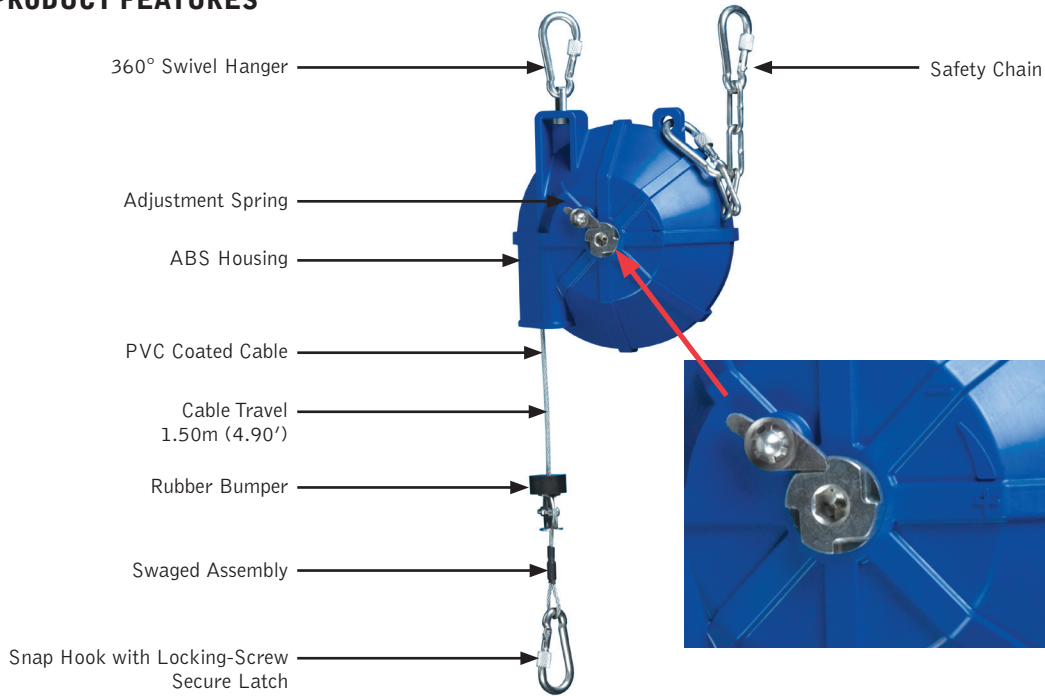
- Manufacturing / assembly facilities
- Work benches and work cells (multiple work benches combined)
- Automotive assembly facilities and tier 1-2-3 suppliers
- White-goods manufacturing facilities
- OEMs and manufacturers with portable tools
- Tools
 - Electric/ pneumatic screw drivers
 - Calibration tools
 - Scan guns
 - Inspection tools
 - Rivet guns
 - Torque wrenches
 - Glue-dispensing machines



Aero-Motive® Compact AB Balancers

130237 0.68 to 5.0kg
(1.5 to 11 lb)
Weight Range

PRODUCT FEATURES



Adjustment Spring (spring tension needs to be increased or decreased depending on weight of tool being supported). Customer should use an 8.00mm Allen T-Handle Hex Wrench.

ORDERING INFORMATION

Standard Compact AB Balancers

Order No.	Woodhead Eng. No.	Weight Range	Travel (m/')
130237-0001	AB4	0.68 - 1.8kg (1.5 - 4.0 lb)	1.5m (4.9')
130237-0002	AB8	1.8 - 3.6kg (4.0 - 8.0 lb)	1.5m (4.9')
130237-0003	AB11	3.6 - 5.0kg (8.0 - 11.0 lb)	1.5m (4.9')

Enhanced Compact AB Balancers with Ratchet-Lock ON/OFF

Order No.	Woodhead Eng. No.	Weight Range	Travel (m/')
130237-0004	AB4RL	0.68 - 1.8kg (1.5 - 4.0 lb)	1.5m (4.9')
130237-0005	AB8RL	1.8 - 3.6kg (4.0 - 8.0 lb)	1.5m (4.9')
130237-0006	AB11RL	3.6 - 5.0kg (8.0 - 11.0 lb)	1.5m (4.9')

molex

www.molex.com/link/aeromotivebalancer.html