



**LA model Aero-Motive® balancers are the most compact, ergonomic and cost-effective balancers in their weight class and are designed with a unique Automatic Safety Lock to prevent failures, especially when balancing loads within their weight capacity**

Tools or loads attached to balancers become almost weightless in the hands of operators, allowing maximum freedom to work more efficiently and reduce fatigue throughout work shifts, leading to increased productivity. A true balance condition is achieved through an easy to use and precise power-spring tension control adjustment feature.

### Features and Benefits

|   |   |
|---|---|
| Containerized power springs   | Provides safe handling of power springs, best-in-class ergonomics and increased life cycles   |
| Units equipped with a de-clutching hub  | Prevents power spring damage even if spring is reverse wound  |
| High-pressure Aluminum casted housings  | Protects spring and drum within heavy-duty industrial environments  |
| Cable Drum has a unique Wear Guard® Epoxy coating   | Eliminates the need for cable lubrication and extends cable life in service   |
| Vertical tension +/- adjustment can be operated using off-the-shelf general tools   | Facilitates easy tension adjustment depending on weight of tool being supported   |
| Standard versions fitted with 7x19 stranded, 5mm thick preformed aircraft cable, plus adjustable cable stop. Alternative cable options on request | Increased durability for heavy-duty environments  |
| Robust 360° rotating swivel hanger, secured in place by cotter pin. Bullard Hook with Spring Loaded Latch upper mounts available on request       | Provides a full range-of-motion<br>Enhances security of balancer and tool in heavy-duty environments<br>Enables quick and easy installation |
| Equipped with unique Automatic Safety Lock design able to match balancer weight class   | Prevents tool or load from falling in event unit loses tension or power-spring breaks   |
| Equipped with manual Safety Lock to secure cable in position  | Facilitates quick and safe tool changeover without risk of cable fly-back   |
| Unique roller cable guide   | Limits wear and tear on wire rope   |
| Easy cable change-over feature  | Minimizes down-time; unit does not have to be taken out of service for cable changes  |
| Unit supplied pre-fitted with safety chain  | Provides secondary fall protection for added security   |
| Tools attached using industrial-grade eye hook with a spring-loaded latch. Bullard hooks with 360° swivel motion available on request             | Prevents tools from becoming unhooked for increased security<br>Simplifies attachment and removal of tools                                  |

## AERO-MOTIVE® Balancers Heavy Industrial Duty

130172 LA Model



LA Model - Front View



LA Model - Rear View

### Applications

#### General Industrial

Manufacturing / assembly facilities

Welding Guns

Electrical Tools

Mechanical Tools

Pneumatic Tools

## General Specifications

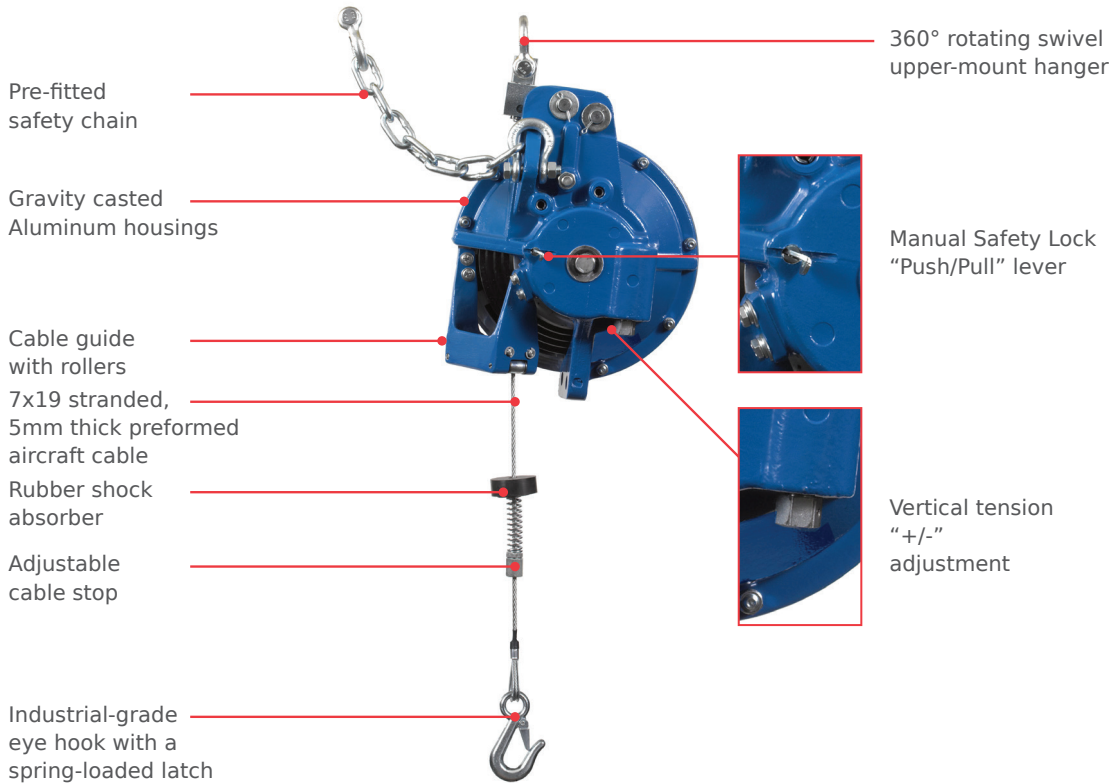
## AERO-MOTIVE® Balancers Heavy Industrial Duty

130172 LA Model

| Model | Height |      | Width |      | Depth |      | Weight |    |
|-------|--------|------|-------|------|-------|------|--------|----|
|       | mm     | inch | mm    | inch | mm    | inch | kg     | lb |
| LA    | 431    | 17   | 420   | 17   | 520   | 21   | 37.5   | 83 |

Dimensions for reference only [±10%] Subject to change without notice

## Product Features



## Ordering Information

| Model  | Order No.   | Weight Range (kg) | Weight Range (lb) | Cable Travel     | Manual Safety Lock | Automatic Safety Lock | Serviceable |
|--------|-------------|-------------------|-------------------|------------------|--------------------|-----------------------|-------------|
| 210LA  | 130172-0109 | 79.0-95.0         | 174-210           | 2.1m<br>(7.0ft.) | Yes                | Yes                   | Yes         |
| 230LA  | 130172-0118 | 95.0-107.0        | 209-236           |                  |                    |                       |             |
| 250LA  | 130172-0126 | 106.0-113.0       | 234-250           |                  |                    |                       |             |
| 260LA  | 130172-0135 | 113.0-120.0       | 249-265           |                  |                    |                       |             |
| 280LA  | 130172-0140 | 120.0-127.0       | 265-280           |                  |                    |                       |             |
| 290LA  | 130172-0143 | 127.0-132.0       | 280-291           |                  |                    |                       |             |
| 300LA  | 130172-0146 | 131.0-136.0       | 289-300           | 1.5m<br>(5.0ft.) |                    |                       |             |
| 330LAS | 130172-0169 | 136.0-150.0       | 300-331           |                  |                    |                       |             |
| 350LAS | 130172-0176 | 150.0-159.0       | 330-350           |                  |                    |                       |             |
| 370LAS | 130172-0180 | 163.0-168.0       | 350-370           |                  |                    |                       |             |

\*Options including upper shackle mounts, special cable assemblies etc. are available. Please refer to the Balancer Options Table for details. Simply add proper suffixes to Model numbers in above tables

[www.molex.com/link/aeromotivebalancer.html](http://www.molex.com/link/aeromotivebalancer.html)



**Tools attached to Aero-Motive® Balancers become almost weightless in the hands of operators, allowing maximum freedom to work more efficiently and reduce fatigue throughout work shifts, leading to increased productivity**

Balancers are devices designed to provide constant cable tension throughout a specified length of cable travel. A true balance condition is achieved through precise power-spring tension control and a unique cable drum design which matches the torque buildup from the power spring.

### Features and Benefits

|   |  |
|---|--|
| Containerized power spring  | Allows for safe handling of power spring   |
| Ratcheted lock with ON/OFF capability   | Meets demands of applications where retraction tension needs to be locked in place to allow unrestricted tool movements                      |
| High-pressure Aluminum casted housings  | Protects spring and drum within heavy-duty industrial environments   |
| Vertical tension +/- adjustment can be operated using off-the-shelf general tools   | Allows for easy tension adjustment in situ to maximise tool ergonomics   |
| Standard versions fitted with 7x19 stranded, 3mm thickness preformed aircraft cable. Alternative cable options on request             | Increased durability for heavy-duty environments   |
| Adjustable cable stop   | Allows tools to be set at different positions/ heights   |
| Easy cable change-over feature; perform cable changes while the unit is still in service  | Increases productivity   |
| Robust 360° rotating swivel hanger, secured in place by cotter pin. Bullard hook upper mounts available on request                    | Provides a full range-of-motion and enhances security of balancer and tool in heavy-duty environments<br>Enables quick and easy installation |
| Equipped with automatic safety lock   | Prevents tool or load from falling in event unit loses tension or power-spring breaks  |
| Equipped with manual safety lock to secure cable in position  | Facilitates quick and safe tool changeover without risk of cable fly-back  |
| Unit supplied pre-fitted with safety chain  | Provides secondary fall protection for added security  |
| Tools attached using industrial-grade eye hook with a spring-loaded latch. Bullard hooks with 360° swivel motion available on request | Increases security by preventing tools from becoming unhooked Simplifies attachment and removal of tools                                     |

### Applications

#### General Industrial

Manufacturing / assembly facilities

Portable tools

Electric Tools

Mechanical Tools

Pneumatic Tools

Cabling and hoses

## AERO-MOTIVE® Balancers Heavy Industrial Duty

130172 EL Model



Balancer, EL Model

## General Specifications

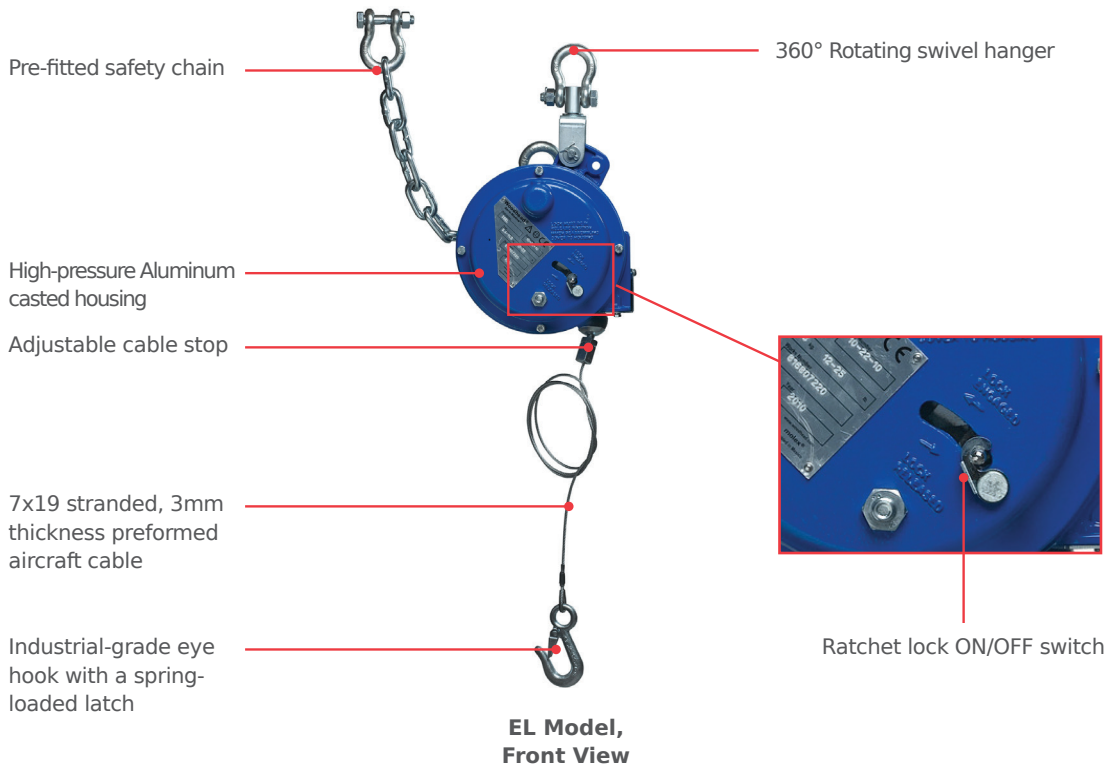
| Model | Height |      | Width |      | Depth |      | Weight |      |
|-------|--------|------|-------|------|-------|------|--------|------|
|       | mm     | inch | mm    | inch | mm    | inch | kg     | lb   |
| 10EL  | 330    | 13   | 203   | 8    | 304   | 12   | 9.5    | 21.0 |
| 25EL  |        |      |       |      |       |      |        |      |
| 40EL  |        |      |       |      |       |      |        |      |
| 50EL  |        |      |       |      |       |      |        |      |
| 60EL  |        |      |       |      |       |      |        |      |

Approximate dimensions and weight for reference only [ $\pm 5\%$ ]. Subject to change without notice.

## AERO-MOTIVE® Balancers Heavy Industrial Duty

130172 EL Model

## Product Features



## Ordering Information

| Model* | Order No.   | Weight Range (kg) | Weight Range (lb) | Travel        | Ratchet Lock | Automatic Safety Lock | Serviceable |
|--------|-------------|-------------------|-------------------|---------------|--------------|-----------------------|-------------|
| 10EL   | 130172-0637 | 2.3 - 5.0         | 5.0 - 11.0        | 1.8m (6.0ft.) | Yes          | Yes                   | Yes         |
| 25EL   | 130172-0133 | 5.4 - 11.3        | 12.0 - 25.0       |               |              |                       |             |
| 40EL   | 130172-0186 | 11.8 - 18.0       | 26.0 - 40.0       |               |              |                       |             |
| 50EL   | 130172-0197 | 18.0 - 23.0       | 40.0 - 51.0       |               |              |                       |             |
| 60EL   | 130172-0208 | 23.0 - 28.0       | 51.0 - 62.0       |               |              |                       |             |

\*Many options including upper shackle mounts and special cable assemblies are available. Simply add correct suffixes to model numbers indicated in above table - please refer to the Options Table in the Balancer Reference Sheet for suffix information. For example: 25EL Balancer equipped with a 'Lower Bullard Hook Cable' = Model number 25ELB.