TO HOIST? OR TO BALANCE?

Because the BUDGIT® Balancer offers a float capability, positioning of materials is easily accomplished. This makes the balancer ideal for applications that require relatively fast movement and accurate positioning. A hoist, on the other hand, has fixed stop positions with no float. Therefore, accuracy of positioning depends on lifting speed and operator dexterity. Applications particularly suited to the BUDGIT® Balancer include palletizing and stacking, pick and place, load and unload. The float capability is especially valuable for tool balancing and assembly.

BUDGIT® PROTECTION
Lost load protector.* Lock out-tag out device.* Maximum safeguards for operators.

BUDGIT® PERFORMANCE

ENGINEERED BY BUDGIT®...INSPIRED BY BUDGIT® CUSTOMERS
The new BUDGIT® Balancer outclasses every other balancer in the industry. That's because, to design it, we sought input from the best possible source — our customers. The result is a pneumatic balancer that offers the best possible combination of features and benefits — the most important are BUDGIT® exclusives — to deliver the maximum in both performance and protection. Factor in BUDGIT®s renowned commitment to customer support and you get maximum value, too.

LOADS: 500 POUNDS.
EFFORT: MINIMAL.

The BUDGIT® Balancer pneumatic balancer is engineered for applications that require precise positioning or repetitive transferring of loads as heavy as 500 pounds. By making loads virtually weightless, the BUDGIT® Balancer increases employee productivity, reduces fatigue and alleviates risk of cumulative trauma disorder. Operators can lift and position loads precisely, time after time, regardless of personal strength.

VERSATILE FLOAT CAPABILITY
Once the load is positioned at the desired elevation, the BUDGIT® Balancer provides float capability. For units with pendant control, the float is 8 inches up and down. For units with balance control, float is over entire working range. The float feature allows the operator to position the load easily and precisely by hand.

100% DUTY CYCLE
Due to the operation of its pneumatic power source, there is no limit to the number of start/stop cycles the BUDGIT® Balancer can perform. The resulting performance allows for reliable productivity.

EXCLUSIVE LOST LOAD PROTECTOR* DESIGN
Because protection from injury due to loss of an unsupported load is one of industry's most vital concerns, the BUDGIT® Balancer features our lost load protector.* Should the load be released accidentally, our control system immediately stops the rapid upward movement of the chain and attachments, thus preventing possible injury to the operator.

EXCLUSIVE LOCK OUT-TAG OUT DEVICE*
BUDGIT® exclusive lock out-tag out device provides an extra safeguard. If the balancer should malfunction, sustain damage or require maintenance, the device can be set to prevent the compression of air in the cylinder, making it impossible to operate the balancer. The balancer is easily returned to service by resetting/reinstalling the device.

EXCLUSIVE PRESSURE COMPENSATED FLOW CONTROL*
Pressure compensated flow control — another BUDGIT® exclusive — maintains the balancer's lifting speed through slight fluctuations in the plant's air pressure, and no matter how light or heavy the load. This consistent performance results in measurable productivity.

* Patent pending
EXCLUSIVE BUDGIT® CHAIN LIFT MEDIUM
The BUDGIT® Balancer lifts with chain which, unlike wire rope, won't spin or fray. Chain also provides flexibility and longevity. 18 pocket liftwheel assures smooth balancer operation.

ADDITIONAL BUDGIT® BALANCER BENEFITS
• True vertical chain travel.
• Lower hook swivels, allowing the operator to rotate the load without twisting the chain.
• Uses only 90 psi (6 bar) compressed air for clean, cost effective operation.
• Convenient built-in air supply port for hook-up to air powered end tools.
• Can be double reeved, increasing ultimate capacity to 600 pounds (272 Kg).
• Single reeved vertical working ranges up to 80 in. (2032 mm). Double reeved 40 in. (1016 mm).
• Ball bearings at all rotating points.
• Built-in chain container.
• Adjustable lowering speed.
• Rugged yet lightweight construction.
• Standard control hose length is 9 feet (2.7 m).
• Exclusive ergonomically designed handshake style pendant control keeps wrist and thumb in a neutral position.
• Made in U.S.A.

SINGLE Reeved CAPACITIES
120 lbs./55 Kg.  500 lbs./228 Kg.
200 lbs./91 Kg.  300 lbs./136 Kg.

BALANCER FLEXIBILITY: STANDARD AND CUSTOM END TOOLING
A wide range of standard end tools is available, including vacuum lift, vertical core lifter, horizontal core lifter and box gripper. In addition, the BUDGIT® Balancer can be customized upon request with end tooling designed for specific applications.

CONTROL OPTIONS
• Pendant control: Allows operator to maneuver variable loads up and down. 16 in. float enables operator to maneuver suspended load manually.
• Single load balance control: For loads such as a fixture or tool used on a production line. Control is mounted on the balancer and set by operator to suspend the load; operator uses float to maneuver load manually over entire working range.

BALANCER SUPPORT
When it comes to factory and local support, no one can match BUDGIT's® commitment to the satisfaction of our customers. In addition to our network of knowledgeable distributors and master parts depots, we also provide on site training seminars, factory safety schools and safety kits, plus videos on maintenance and safety. Additional support includes our direct sales force and factory direct technical assistance.

BUDGIT® CUSTOMER SATISFACTION GUARANTEE
Lift-Tech's primary goal is customer satisfaction. To demonstrate our commitment to customers: If you are not satisfied with your standard BUDGIT® Balancer, we will replace it with an identical product or one of like load capability and comparable features at your request without charge. This offer is valid for one year from date of installation for products in service in the United States and supplements BUDGIT's® Repair/Replacement Guarantee.

△ 16 inch float for maneuverability.

△ Swiveling hook.

△ Handshake style pendant control.
**BUDGIT® BALANCER WITH LOW HEADROOM TROLLEY**

Model dimensions and specifications are provided in the following table. Dimensions, capacities, and other specifications are given in both inches and millimeters.

<table>
<thead>
<tr>
<th>Model</th>
<th>120</th>
<th>200</th>
<th>300</th>
<th>500</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (diameter in inches (mm))</td>
<td>7.75 (197)</td>
<td>9.63 (245)</td>
<td>11.63 (296)</td>
<td>11.63 (296)</td>
</tr>
<tr>
<td>B in inches (mm)</td>
<td>2.00 (51)</td>
<td>1.38 (35)</td>
<td>0.38 (10)</td>
<td>0.38 (10)</td>
</tr>
<tr>
<td>C in inches (mm)</td>
<td>20.33 (517)</td>
<td>20.33 (517)</td>
<td>20.45 (520)</td>
<td>31.0 (787)</td>
</tr>
</tbody>
</table>

*Nominal dimension based on the standard length of chain supplied with the BUDGIT® Balancer. The chain may be shortened by the customer.*

Dimensions are in inches (mm). 90psi air (6 bar) input is required to operate at the rated capacity.

Color: Black tubes with aluminum center & end plates.

### BUDGIT® BALANCER SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>120</th>
<th>200</th>
<th>300</th>
<th>500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity in lbs. (kgs)</td>
<td>120 (55)</td>
<td>120 (55)</td>
<td>200 (91)</td>
<td>200 (91)</td>
</tr>
<tr>
<td></td>
<td>300 (136)</td>
<td>300 (136)</td>
<td>500 (228)</td>
<td></td>
</tr>
<tr>
<td>Catalog number</td>
<td>922000</td>
<td>922003</td>
<td>922001</td>
<td>922004</td>
</tr>
<tr>
<td></td>
<td>922002</td>
<td>922005</td>
<td>922009</td>
<td></td>
</tr>
<tr>
<td>Control options</td>
<td>Pendant</td>
<td>Balance Control</td>
<td>Pendant</td>
<td>Balance Control</td>
</tr>
<tr>
<td></td>
<td>Pendant</td>
<td>Balance Control</td>
<td>Pendant</td>
<td>Balance Control</td>
</tr>
<tr>
<td>Working range in inches (mm)*</td>
<td>80 (2032)</td>
<td>80 (2032)</td>
<td>80 (2032)</td>
<td>80 (2032)</td>
</tr>
<tr>
<td></td>
<td>80 (2032)</td>
<td>80 (2032)</td>
<td>80 (2032)</td>
<td></td>
</tr>
<tr>
<td>Reach in inches (mm)**</td>
<td>144 (3658)</td>
<td>144 (3658)</td>
<td>144 (3658)</td>
<td>144 (3658)</td>
</tr>
<tr>
<td></td>
<td>144 (3658)</td>
<td>144 (3658)</td>
<td>144 (3658)</td>
<td></td>
</tr>
<tr>
<td>Net weight in lbs. (kgs)**</td>
<td>60 (27)</td>
<td>60 (27)</td>
<td>68 (31)</td>
<td>68 (31)</td>
</tr>
<tr>
<td></td>
<td>84 (38)</td>
<td>84 (38)</td>
<td>98 (45)</td>
<td></td>
</tr>
</tbody>
</table>

*Working range: Vertical lift from the hook in the lowest position to the hook in the highest position.

**Reach: Vertical distance from the bottom of the balancer to the hook in the lowest position. Actual reach may be adjusted at installation and under no circumstances should it be less than 84 inches (2134 mm).***

Weights listed are for units with pendant controls and do not include the Low Headroom Trolley or suspension plate. For units with balance control, reduce the listed weights by 4 lbs. (1.8 kgs.).

### BUDGIT® BALANCER LOW HEADROOM TROLLEY

The Low Headroom Trolley is optional and must be ordered as an additional item for the BUDGIT® Balancer unit. Other suspension systems are available.

<table>
<thead>
<tr>
<th>Capacity in lbs. (kgs)</th>
<th>Catalog number</th>
<th>Beam flange width range in inches (mm)</th>
<th>Minimum radius curve in inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 (228)</td>
<td>922014</td>
<td>2.5/8 through 5.5/8 (66 through 123)</td>
<td>24 (609)</td>
</tr>
</tbody>
</table>

For additional information contact your Lift-Tech representative or Lift-Tech headquarters direct.

**LIFT-TECH INTERNATIONAL**
Division of Columbus McKinnon
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