Unidrum Lever

Industrial Push-Pull and Pull-Only Hand Control

Applications:
• Medium to light duty throttle compactors
• Valve dump control jackhammers
• Hydraulic valve control concrete cutters
• Backhoe throttle

Features:
• Adjustable friction lock
• 5 to 1 mechanical advantage
• Adjustable mechanical stops

Other Related Products:
• All other hand levers

Hand Control
Industrial

A control head designed primarily for hand throttle applications on commercial and industrial vehicles, and also suitable for many other uses. Compact and efficient for imparting light-to-medium pull-only or push-pull loads through flexible conduits and inner-members. Unidrum controls hold and operate up to 26lb push-pull or pull-only output loads. Mechanical advantage at knob is 5 to 1. There is a self locking nut for operator adjustment of friction setting. The adjustable stop plates allow 10° (3/16" linear output) incremental travel adjustment. Two inches of cable travel requires approximately 90° lever travel. Three inches of cable requires approximately 135° lever travel. The lever position is adjustable in 60° increments to provide optimum operating range. Optional cable entry offers four mountings/directions of operation alternatives. Also available with a smaller handle for light duty applications or with a locking handle.
Unidrum Lever

- Hold and operate up to 25lb push-pull or pull-only output load. Mechanical advantage at knob is 5:1.
- Self-locking nut for operator adjustment of friction setting.
- Adjustable stop plates allow 10° incremental travel adjustment.
- Lever position is adjustable in 60° increments.
- Four optional cable entry alternatives.
- Rugged diecast zinc alloy material.
- Mount with (4) 3/16" screws or bolts.

**CH205/206**

**CH240**

**CH260**

**CH220 (Miniature)**

**Cable Exit Positions**

All line art dimensions are represented in inches.
CH290 (Unidrum Operator Positive Lock)

- Hold and operate up to 26lb push-pull or pull-only output load. Mechanical advantage at knob is 5/1.
- Self-locking nut for operator adjustment of friction setting.
- Adjustable stop plates allow 10° (.2 linear output) incremental travel adjustment. 2” of cable travel requires approximately 90° lever travel.
- Optional cable entry.
- Rugged diecast zinc alloy material.

Output End Configurations

VLD Utility

1 Threaded Swivel
Dimension A
Per Stroke (extended)
2” 6.94”
3” 8.94”

2 Grooved Swivel
Dimension A
Per Stroke (extended)
2” 6.25”
3” 8.25”

LD Utility

3 Threaded Swivel
Dimension A
Per Stroke (extended)
2” 7.18”
3” 9.18”

4 Grooved Swivel
Dimension A
Per Stroke (extended)
2” 6.56”
3” 8.56”

VLD Bristow®

5 Threaded Cap
6 Grooved Cap

All line art dimensions are represented in inches
Unidrum Lever Order Code

Cablecraft® Ordering Codes

Basic Unidrum Lever

Knob Color
1 Black 165-505-101
2 Red 165-505-102

Cable Exit Position (see illustration)
1 Lower Mount, Left Exit
2 Lower Mount, Right Exit
3 Upper Mount, Left Exit
4 Upper Mount, Right Exit

Output End Configuration, Cable Size & Type

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
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<td>Utility</td>
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<tr>
<td>Grooved Swivel</td>
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<td>Utility</td>
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<td>Threaded Cap</td>
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<td>Grooved Cap</td>
<td>VLD</td>
<td>Bristow®</td>
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Travel (inches)

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<th>Lever</th>
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<tr>
<td>3</td>
<td>3&quot;</td>
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Overall Length (inches)

Replacement Cables

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<th>Part Number</th>
<th>Duty</th>
<th>Cap</th>
<th>Travel</th>
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<tbody>
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<td>LD</td>
<td>T</td>
<td>2&quot;</td>
</tr>
<tr>
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<td>LD</td>
<td>T</td>
<td>3&quot;</td>
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<tr>
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<td>LD</td>
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<tr>
<td>A17X-533</td>
<td>VLD</td>
<td>G</td>
<td>3&quot;</td>
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</tbody>
</table>

Material
- Zinc Based Die-Cast Body, Drum and Lever
- Internal Long Life Nylon Bearings
- Optional Black Powder Coat Paint Finish

WARNING!
Since the manufacturer is unable to determine all applications in which a part may be placed, it is the user's responsibility to determine the suitability of the part for its intended use. This is especially true where safety is a factor. Incorrect application or installation may result in property damage, bodily injury, or death. For technical assistance, call 260-749-5105.