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INDEXERS

Servo Positioners

GTB Series
Globoidal (Roller Gear)
Servo Positioner

RSD Series
Rotary Servo Drives

Mechanical Indexers

RDM Series
Rotary Index Drive

RD Series
 Roller Dial Index Drive

E Series
Heavy-Duty Index Drive

RA Series
Right Angle Index Drive

RGD/RGS Series
Roller Gear Index Drive

P Series
Parallel Shaft/Flange Drive

RNG Series
Ring Drive Dial Indexer

OVERLOAD CLUTCHES

Overload Clutches
Output Overload

CUSTOM CAMS

Custom Cams
Cam Design Solutions

CONVEYORS

Rite-Link Series
Thin-Profile

Precision Link Series
Table-Top

Precision Link Series
Heavy-Duty

PARTS HANDLERS

LPP Series
Linear Part Handlers

RPP Series
Rotary Part Handlers

Dimensions and technical information are subject to change without notice.
Features:

CAMCO Heavy Duty Precision Link Conveyors combine excellent accuracy with high load capacity to provide the versatility needed to meet virtually any automated assembly or manufacturing challenge.

Standard link lengths of 6.0”, 9.0” and 12”

Over/Under and Carousel configurations

Precision links with roller bearing cam followers for smooth transfer and long life

Provided with heavy-duty legs and a precision machined base designed to hold large loads and maintain system accuracy

Available with adjustable soft machine mounts to accommodate inconsistent on-site flooring

Customize length and height and add optional line shafts or tooling plates to fit your application

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6.0 Inch Heavy Duty ............................. 5
9.0 Inch Heavy Duty ............................. 7
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HEAVY DUTY MODULAR CONVEYORS

How To Order

**Required Information**

- **Link Size:** 1.5, 2.0, 3.0, 4.5, 6.0, 9.0 or 12.0 inch
- **Type:** Table Top or Heavy Duty
- **Style:** Over/Under or Carousel
- **Length:** Standard per catalog or Custom, expressed as center distance, in inches
- **Height:** Standard per catalog or Custom, in inches

**Technical Assistance**

All Precision Link Conveyor applications are verified by a CAMCO sales agent using the CAMCO Sizing Program.

Your CAMCO agent is available to make all sizing calculations for you.

**Required Information when ordering Drive Package**

- **Type:** Standard, Alternate, Heavy-Duty or Special
- **Drive Side:** 1 or 2 (for Over/Under)
- **Index Distance:** In inches
- **Indexer Model:** Specific model number or special

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![Diagram of conveyor systems](image)

OVER/UNDER

CAROUSEL
CAMCO offers a wide variety of standard and custom options on all precision link conveyors. Tooling plates and conveyor mainframes can be ordered with custom hole configurations or burnouts. Other standard options include timing chains, timing belts and extended lineshafts. Standard drive package options include CAMCO indexers with AC motors and clutch-brakes, DC motors or servo motors. CAMCO’s special Indexer output overload clutches are highly recommended to protect the indexer, link assembly and tooling.

Using Cambot Parts Handlers with Precision Link Conveyors
Cambot linear pick-and-place parts handlers have custom cam motions incorporated into each unit, providing complex synchronize timings for your application. They can be mounted onto the backbone tooling plages of the conveyor. Cambot linear pick-and-place parts handlers can be belt driven off a common line shaft for perfect synchronization. See the Rotary Parts Handler section (page IN-RPP-2) for other possible configurations, such as a rotary pick-and-place device loading parts from a continuous line conveyor to a CAMCO index drive conveyor.
6.0 INCH HEAVY DUTY SERIES

Heavy Duty Modular Conveyors | Dimension

Link

Modular Conveyor (drive package)

Standard Drive Package
- 1301RD Intermittor
- 73500C Reducer
- 5 HP AC Motor
- MDB-1125 Air Clutch-Brake
- Cycle Cam & Limit Switch

<table>
<thead>
<tr>
<th>Index Distance mm [in]</th>
<th>Indexer Stops</th>
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<tbody>
<tr>
<td>152,4 [6.00]</td>
<td>12</td>
</tr>
<tr>
<td>304,8 [12.00]</td>
<td>6</td>
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<tr>
<td>457,2 [18.00]</td>
<td>4</td>
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<tr>
<td>609,6 [24.00]</td>
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</tr>
</tbody>
</table>
Dimensions and technical information are subject to change without notice.

Carousel

*Conveyor lengths can be customized for your application. Please consult factory.

Over/Under

*Conveyor lengths can be customized for your application. Please consult factory.

Dimensions and technical information are subject to change without notice.
9.0 INCH HEAVY DUTY SERIES

Heavy Duty Modular Conveyors | Dimensions

Modular Conveyor (drive package)

Standard Drive Package

- 1301RD Intermittor
- 73500C Reducer
- 5 HP AC Motor
- MDB-1125 Air Clutch-Brake
- Cycle Cam & Limit Switch

<table>
<thead>
<tr>
<th>Index Distance</th>
<th>Indexer Stops</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm [in]</td>
<td></td>
</tr>
<tr>
<td>228.6 [9.00]</td>
<td>12</td>
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<tr>
<td>457.2 [18.00]</td>
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<td>914.4 [27.00]</td>
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<td>609.6 [36.00]</td>
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</table>
9.0 INCH HEAVY DUTY SERIES

Heavy Duty Modular Conveyors | Configurations

Carousel

Conveyor shown with 10-tooth sprocket

*Conveyor lengths can be customized for your application. Please consult factory.

<table>
<thead>
<tr>
<th>STANDARD*</th>
<th>A</th>
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<tbody>
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<tr>
<td>7315.2 [288.00]</td>
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</tr>
</tbody>
</table>

Over/Under

Conveyor shown with 10-tooth sprocket

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<table>
<thead>
<tr>
<th>STANDARD*</th>
<th>A</th>
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<tbody>
<tr>
<td>3657.6 [144.00]</td>
<td>5486.4 [216.00]</td>
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<tr>
<td>7315.2 [288.00]</td>
<td></td>
</tr>
</tbody>
</table>

Dimensions and technical information are subject to change without notice
12.0 INCH HEAVY DUTY SERIES
Heavy Duty Modular Conveyors | Dimensions

Link

Modular Conveyor (drive package)

Standard Drive Package
- 1301RD Intermittor
- 7500C Reducer
- 5 HP AC Motor
- MDB-1125 Air Clutch-Brake
- Cycle Cam & Limit Switch

<table>
<thead>
<tr>
<th>Index Distance</th>
<th>Indexer Stops</th>
<th>Sprocket</th>
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</thead>
<tbody>
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<td>8, 10, 12</td>
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<td>609,6 [24]</td>
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<td>8T, 12T</td>
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</tbody>
</table>

Dimensions and technical information are subject to change without notice
12.0 INCH HEAVY DUTY SERIES

Heavy Duty Modular Conveyors | Configurations

Carousel

*Conveyor lengths can be customized for your application. Please consult factory.

Over/Under

*Conveyor lengths can be customized for your application. Please consult factory.

Dimensions and technical information are subject to change without notice.