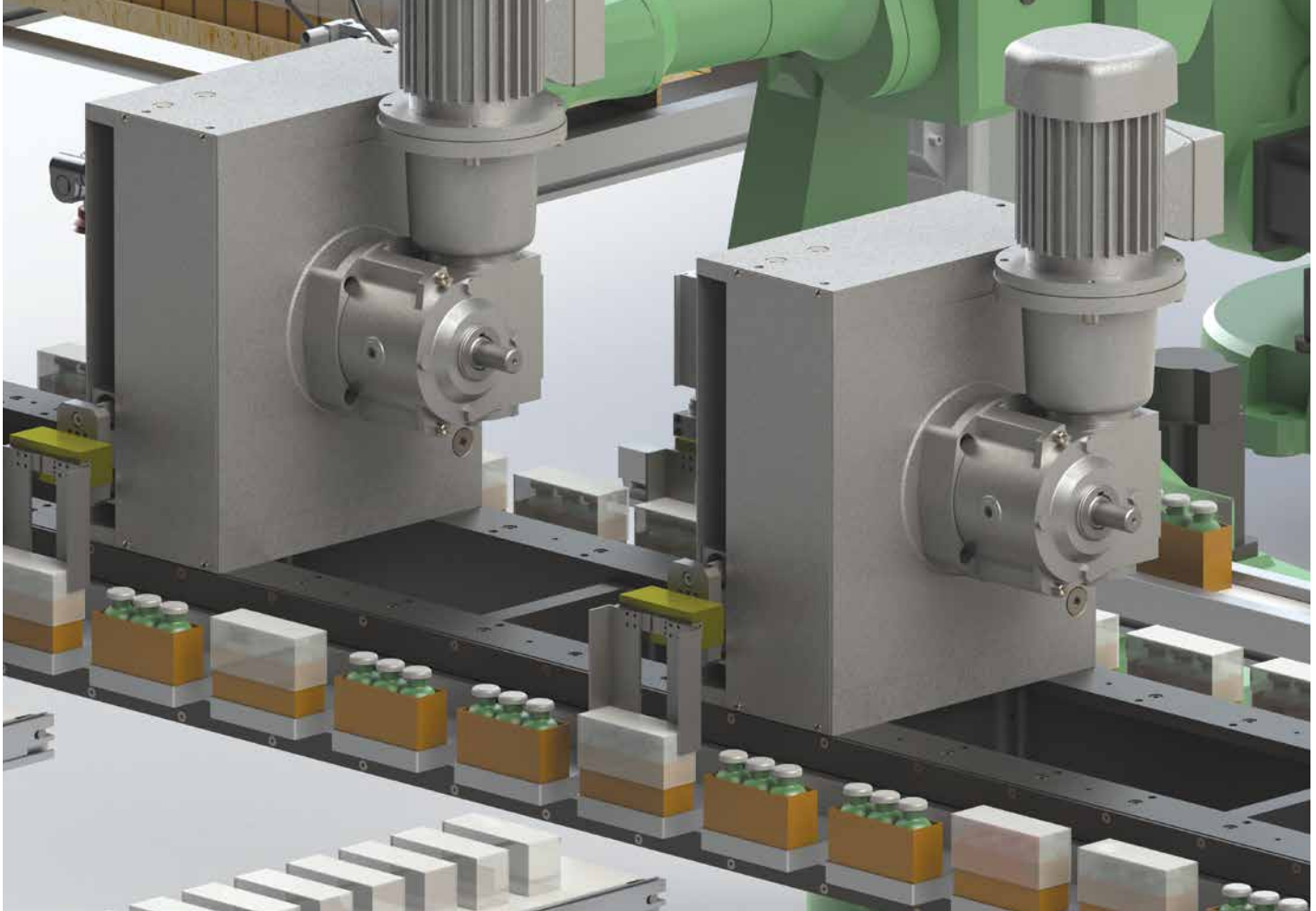


# LINEAR PART HANDLER

## Gripper Mounting Accessory



### Indexer driving a conveyor and Linear Part Handlers

- Operation can be asynchronous (cycle on demand) – a single index followed by a variable dwell time, or the operation can be continuous.
- Index motion time is changed by changing the motion profile of the servo motor.
- Dwell time is variable. Single axis servo or multiple axis servo controllers can be used.
- More than 60 cycles per minute – maximum cycle rate can be determined by your application engineer.

# LINEAR PART HANDLER

Features | Table of Contents



## Features:

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**CAMCO Cambot® Linear Parts Handlers**, combined with other DESTACO products, offer a low maintenance, cost-effective solution for a complete parts handling package.

Cost effective design for low-cost operation

- Reliable CAMCO mechanical cam design
- Lubed for Life

Easy integration with other DESTACO products for one-stop shopping

- Camco Modular Precision Link Conveyors and Ring Drives
- DESTACO Vacuum products
- Robohand Direct Connect™ Grippers (no adapter plates) and E-Gripper

Customized for your application

- Input shaft available on either side for ease of integration
- Line shaft drive or gear reducer and motor drive package for synchronous or asynchronous operation

Standard or custom strokes and timing designed for your specific requirements

## Applications:

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Automated production systems with small parts transfer such as consumer products, electronics, and medical device assembly and test.

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# LINEAR PART HANDLER

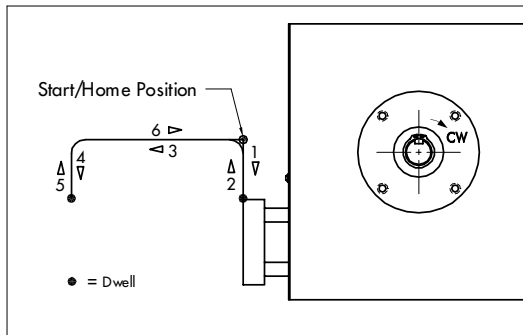
## How To Order

### LPP Ordering Procedure

1. Model
2. Lift (Vertical) Stroke
3. Transfer (Horizontal) Stroke

Standard Strokes: Lift x Transfer mm [in]	
M100	M150
15.0 [0.59] x 100 [3.94]	15 [0.59] x 150 [5.91]
45 [1.77] x 100 [3.94]	45 [1.77] x 150 [5.91]
65 [2.56] x 20 [0.79]	75 [2.95] x 50 [1.97]
65 [2.56] x 60 [2.36]	75 [2.95] x 110 [4.33]
65 [2.56] x 100 [3.94]	75 [2.95] x 150 [5.91]

### 4. Output Sequence (Standard or Custom)

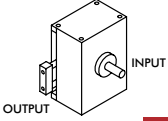
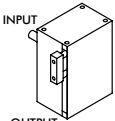
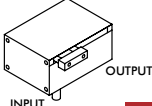
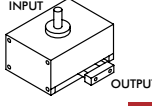
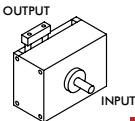
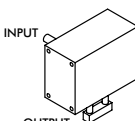


### 5. Drive Page including Gear Reducer, Motor, and AC Drive

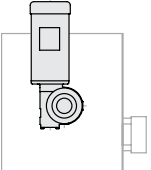
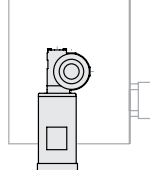
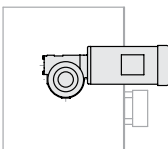
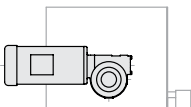
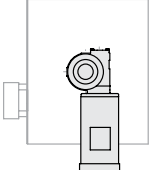
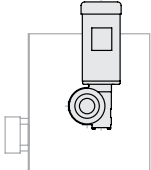
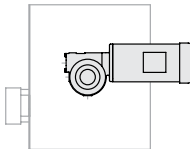
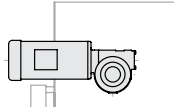
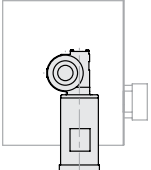
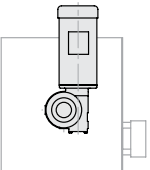
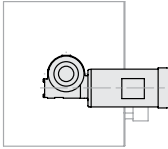
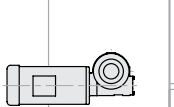
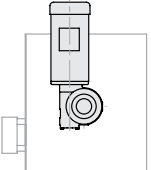
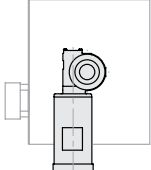
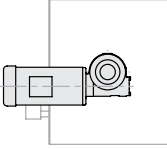
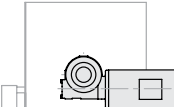
Model	Gear Reducer	AC Motor	1 hp AC Drive Input Voltage (select 1)		
M100	R180	1/3 hp	120 VAC	240 VAC	480 VAC
M150	R225	3/4 hp	120 VAC	240 VAC	480 VAC

# LINEAR PART HANDLER

## Mounting Position

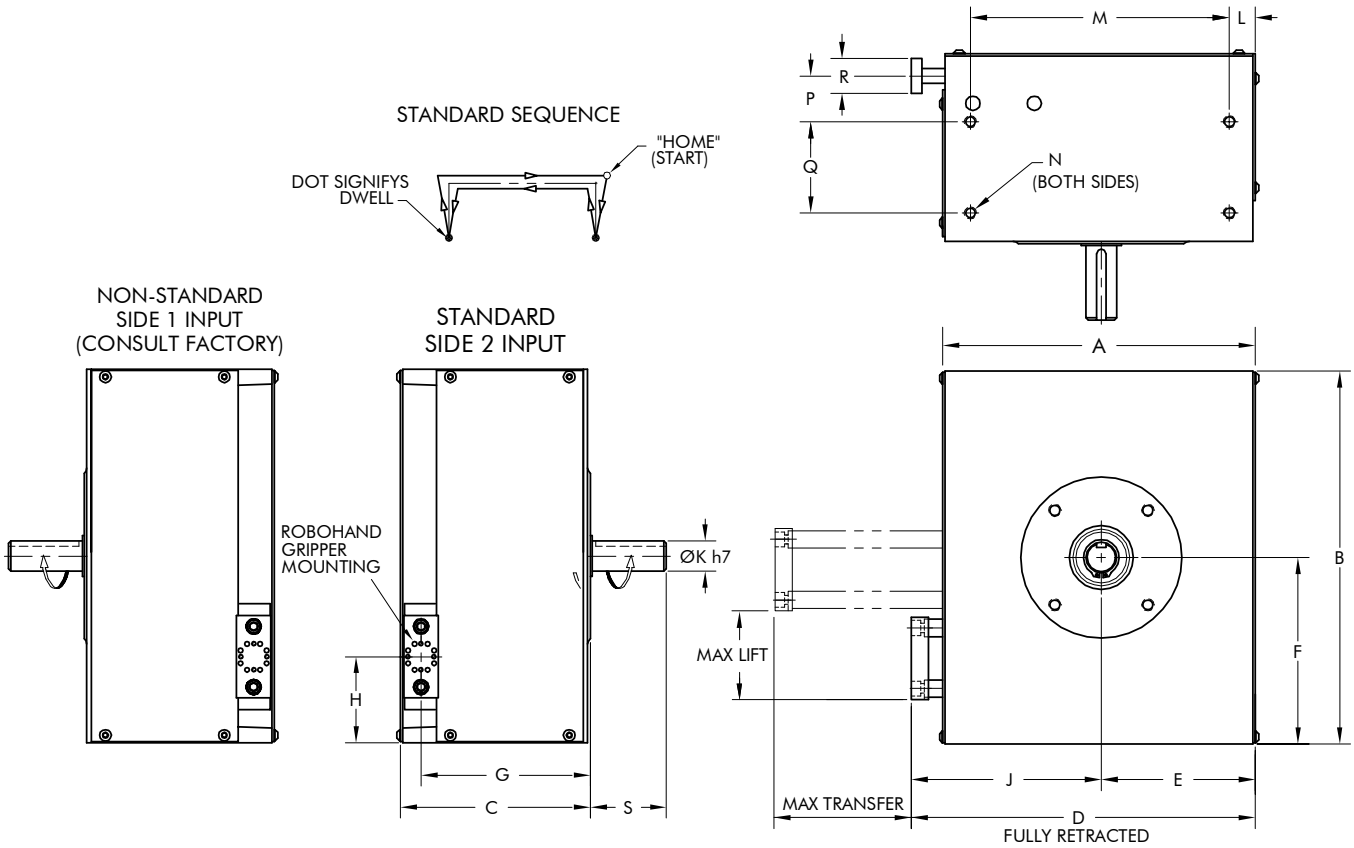
OHUI (output horizontal, under input)	OHOI (output horizontal, over input)	OHID (output horizontal, input down)	OHIU (output horizontal, input up)	VU (output vertical up)	VD (output vertical down)
 <b>1</b>	 <b>2</b>	 <b>3</b>	 <b>4</b>	 <b>5</b>	 <b>6</b>

## Gear Reducer Mounting Positions

		Mounting "A"		Mounting "B"	
		RH	LH	RH	LH
SIDE 1	 <b>A</b>	 <b>B</b>	 <b>C</b>	 <b>D</b>	
	SIDE 2	 <b>E</b>	 <b>F</b>	 <b>G</b>	 <b>H</b>
		Mounting "C"		Mounting "D"	
		RH	LH	RH	LH
SIDE 1	 <b>J</b>	 <b>K</b>	 <b>L</b>	 <b>M</b>	
	SIDE 2	 <b>N</b>	 <b>P</b>	 <b>R</b>	 <b>S</b>

# M100/M150 SERIES

## Linear Part Handler | Dimensions and Technical Information



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
<b>M100</b>	[9.88] 251.0	[11.42] 290.0	[5.71] 145.0	[11.01] 279.7	[4.84] 123.0	[5.71] 145.0	[5.12] 130.0	[2.56] 65.0	[6.18] 157.0	[0.98] 25.0	[0.47] 12.0	[8.86] 225.0	4 x M8	[1.57] 40.0	[2.56] 65.0	[1.00] 25.4	[1.97] 50.0
<b>M150</b>	[13.07] 332.0	[15.75] 400.0	[6.69] 170.0	[14.41] 366.0	[6.30] 160.0	[7.87] 200.0	[5.83] 148.0	[3.54] 90.0	[8.11] 206.0	[1.18] 30.0	[0.59] 15.0	[11.81] 300.0	4 x M10	[1.57] 40.0	[3.15] 80.0	[2.01] 51.0	[2.17] 55.0

### Technical Specifications

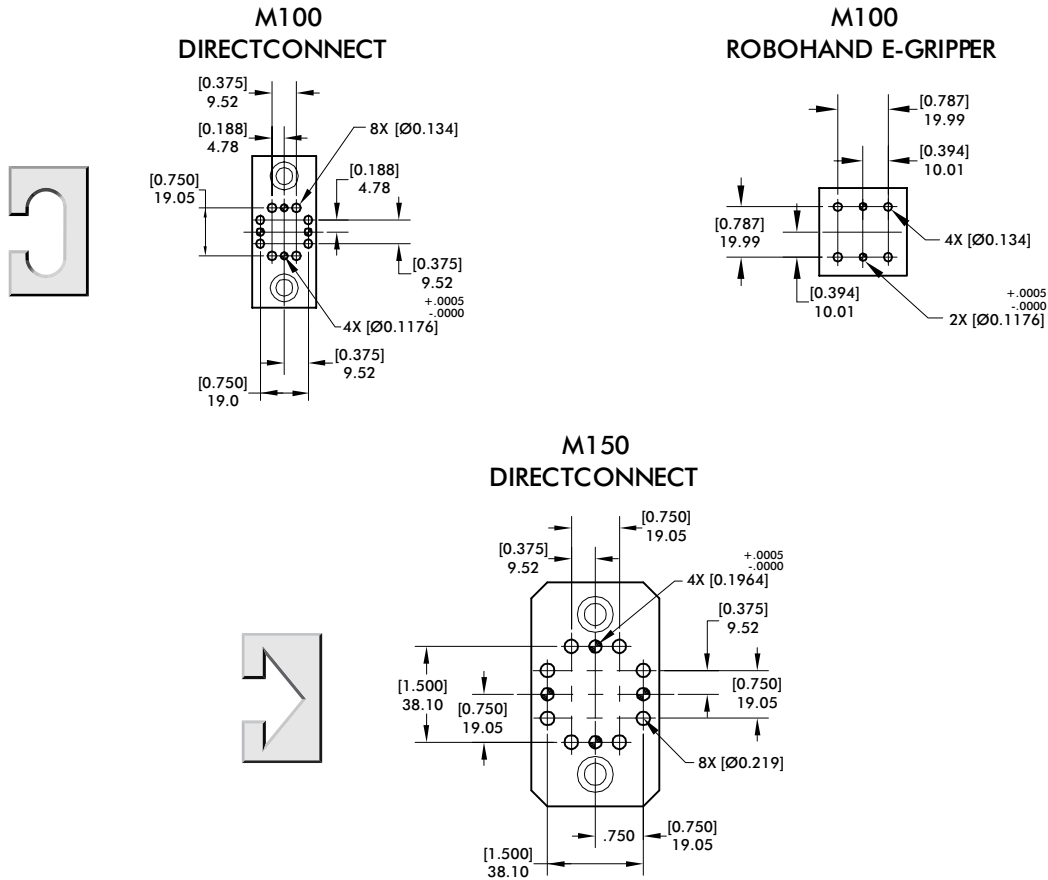
Model	Maximum Lift mm [in]	Maximum Transfer mm [in]	Capacity at 30 rpm kg [lb]	Capacity at 60 rpm kg [lb]
<b>M100</b>	65.0 [2.56]	100.0 [3.94]	8 [18]	3.6 [8]
<b>M150</b>	75.0 [2.95]	150.0 [5.91]	18 [40]	9 [20]

Model	Lift		Transfer	
	Accuracy	Repeatability	Accuracy	Repeatability
<b>M100</b>	±.13 mm [±.005 in]	±.03 mm [±.001 in]	±.08 mm [±.003 in]	±.03 mm [±.001 in]
<b>M150</b>	±.20 mm [±.008 in]	±.08 mm [±.003 in]	±.08 mm [±.003 in]	±.03 mm [±.001 in]

# M100/M150 SERIES

Linear Part Handler | Accessories

## Gripper Mounting Block



### RoboHand DirectConnect Grippers & Rotaries

Consult the DESTACO Automation Catalog or your local sales representative for information about these items.

Model	E-Gripper	DPDS/DPDL	DPG	DPP	DPW	DCT	DRF
<b>M100</b>	RPE-100M RPE-101M	DPDS-047M DPDS-056M DPDL-047M DPDL-056M	N/A	DPP-10M-06 DPP-10M-12 DPP-14M-15 DPP-14M-25	DPW-250M-1 DPW-250M-2	DCT-12M DCT-16M DCT-20M	N/A
<b>M150</b>	N/A	DPDS-088M DPDS-125M DPDL-088M DPDL-125M	DPG-10M-1 DPG-10M-2 DPG-10M-3 DPG-10M-4	DPP-20M-25 DPP-20M-28 DPP-28M-31 DPP-28M-50	DPW-375M-1 DPW-375M-2 DPW-500M-1 DPW-500M-2	DCT-25M	DRF/DRG-075M DRF/DRG-094M DRF/DRG-106M