

Worldwide Automation Catalog

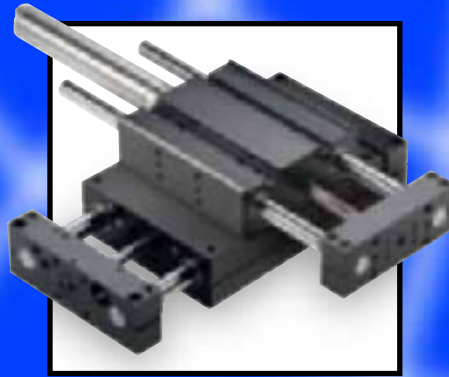


*Unlimited
Number of
Motions*

Parallel & Angular Grippers

Your Single Source Advantage:

- Parallel Grippers
- Angular Grippers
- Base Slides
- Linear Thrusters
- Rotary Actuators
- Feed Escapements
- Tool Changers
- Compliance Wrists
- Mounting Stanchions
- Sheet Metal Grippers
- Swing Clamps
- Power Clamps
- Electric Slides

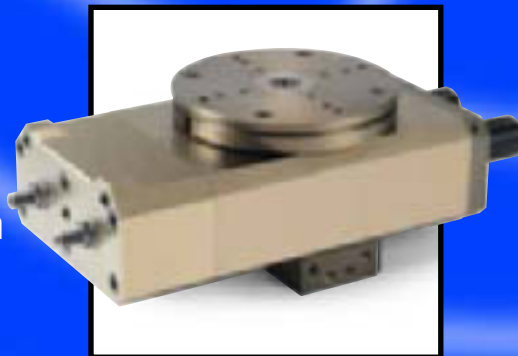


*Specials –
Custom
Solutions to
Engineering
Challenges*

Linear Motion Slides

Value Added Services:

- Modular Automation Systems
- Robosizer Product Sizing Software
- Customized Products (Specials)



*Reduce
& Simplify
System Design
Time*

Rotary Actuators

Update 10/04



Robohand inc.

A DE-STA-CO Industries Company

Your Global Provider of Manufacturing Improvements

Look for
our exclusive
DIRECTCONNECT
No Adapter Plates!

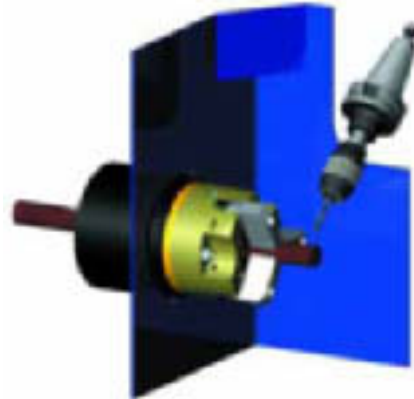
What's **NEW** from Robohand!



DIRECTCONNECT

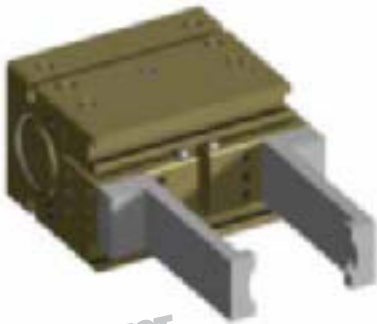
*DPDS & DPDL
Double Wedge Grippers*

Page 1.50



*PPC Through-Hole
Parallel Grippers*

Page 1.200



DIRECTCONNECT

DPG Gib-Style Grippers

Page 1.38



DIRECTCONNECT

*DPL Long Stroke
Parallel Grippers*

www.robohand.com



DIRECTCONNECT

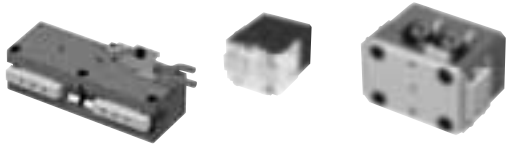
SLA Smart Linear Actuator

www.robohandsla.com

Robohand Value Added Services:

- Modular Automation Systems
- Robosizer Product Sizing Software
- Customized Products (Specials)

See Inside Back of Catalog



PARALLEL GRIPPERS

1.6 RPL	1.38 DPG	1.104 RPS	1.142 GC	1.186 REP 3
1.14 RPLC	1.50 DPD	1.118 REP 2	1.152 RPW	1.196 RIP 3
1.22 RPM	1.82 RP-5 & 10	1.128 RIP 2	1.164 RPB	1.200 PPC
1.30 RPMC	1.88 RP	1.132 RP-P	1.176 RPC	

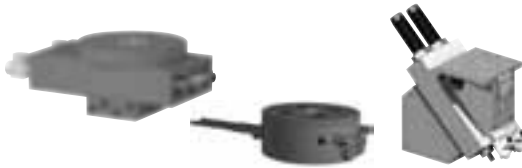
1



ANGULAR GRIPPERS

2.4 RA-5, 6, 7, 8 & 10	2.30 CT
2.16 RMA	2.42 CT-RE
2.22 RA15, 25 & 90	

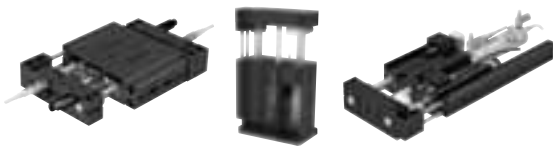
2



ROTARY ACTUATORS

3.2 RR-18 & 28
3.8 RR-36 & 46
3.16 RR-56, 66, & 76
3.28 DRM

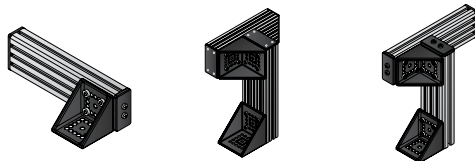
3



LINEAR SLIDES

4.8 DLB-B & L	4.62 DLT-TANRU	4.110 PSL
4.24 DLB-TANRU	4.84 DLK-B	4.114 PLT
4.38 DLT-B	4.90 DLK-E & L	4.126 MPS
4.46 DLT-E&L	4.100 DLK-TANRU	

4



MOUNTING STANCHIONS

5.6 DMM-08	5.26 DMM-25
5.16 DMM-16	5.36 Components

5



SHEET METAL GRIPPERS

6.2 RSG-045	6.6 RSG-9DF
6.3 RSG-45C	6.7 RSG-180
6.4 RSG-90D	6.8 RSG-SDJ
6.5 RSG-90F	

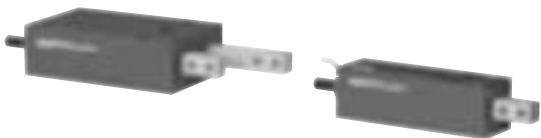
6



SWING & POWER CLAMPS

7.2 RCP
7.9 RSC

7



FEED ESCAPEMENTS

8.2 RFE
8.10 RN

8



ROBOTIC TOOL CHANGERS COMPLIANCE/OVERLOAD DEVICES

9.2 RHC	9.58 KA/CH	9.78 MULTICLUTCH
9.14 QC	9.70 CV	9.86 ULS/AU
9.44 RCW	9.72 ASSEMBLYSAFE	9.99 AUR

9

APPENDIX

10.1 INDEX

10

Highlighted text indicates  products.

Terms & Conditions

GENERAL — All quotations, acceptance and orders submitted by or to and all contracts made with Robohand, Inc. shall be upon and subject to the following terms and conditions except in so far as specifically agreed to by Robohand, Inc. in writing upon or annexed to a copy thereof.

QUOTATIONS AND PRICES — Prices are subject to change without notice. Written quotations expire 30 calendar days from the date of issue and are subject to termination by notice within that period.

PURCHASE ORDER — If this quotation is accepted and Buyer's order form is used for the purpose, it is expressly understood and agreed that the terms and conditions herein set forth shall prevail, insofar as the same may in any way conflict with the terms and conditions set forth in such order form, and the issuance of such order by Buyer shall be deemed to note Buyer's assent to the foregoing.

PAYMENT — Unless expressly agreed to the contrary by Robohand, Inc., all accounts shall be paid net within 30 days from the date of invoice. All checks and money orders should be made payable to Robohand, Inc. Robohand, Inc. reserves the right to charge interest 1% above the base lending rate of Bank of America for the period that the account is overdue for payment and the Buyer shall reimburse Robohand, Inc. for all costs of collection including reasonable attorneys fee on all overdue amounts. In no case will the property of any of the goods pass to the Buyer until payment of the full price has been made to Robohand, Inc. So long as any payment under this contract is overdue, Robohand, Inc. reserves the right to withhold or suspend performance of any contractual obligation.

DELIVERY — Any times quoted for delivery or dispatch are to date from the receipt by Robohand, Inc. of written order to proceed and all necessary information and drawings to enable Robohand, Inc. to put the work in hand and Robohand, Inc.'s acceptance in writing of such terms. The time for delivery or dispatch shall be extended by a reasonable period if caused by any industrial dispute or by any cause beyond Robohand, Inc.'s reasonable control.

TAXES — The amount of the present or future sales, revenue, excise, or other taxes applicable to the products listed herein shall be added to the purchase price and shall be paid by the Buyer or in lieu thereof the Buyer shall provide Robohand, Inc. with a tax exemption certificate acceptable to the taxing authorities.

INSTALLMENT DELIVERIES — Robohand, Inc. shall have the right to make delivery by installments of such quantities and at such intervals as it may decide and any express provisions as to installments in the contract shall be in addition to and not in derogation of this right.

GOODS LOST OR DAMAGED IN TRANSIT — Unless Robohand, Inc. receives a complaint in writing within 3 days of the receipt by the Buyer of the goods, the goods shall be deemed to be in good condition and of the quality and description invoiced or in the case of non-delivery, Buyer shall furnish written notice within such time from the date of dispatch as shall enable Robohand, Inc. to make a reasonable claim on the carrier.

DEFECTS AFTER DELIVERY — Robohand, Inc. will make good by repair or at its option by the supply of a replacement: defects, which under proper use, appear in the goods within a period of one (1) year after the goods have been delivered and arise solely from faulty design (other than a design made, furnished, or specified by the buyer. Materials or workmanship provided that have defective parts will be returned to Robohand, Inc. if so required, Robohand, Inc. will refund the cost of carriage on such returned goods and the repaired or new parts will be delivered free of charge.

SHIPMENT — All prices are F.O.B. Our factory, Monroe, CT and route of shipment are at our discretion, unless the Buyer supplies implicit instructions. All shipments are insured at the Buyer's expense and made at the Buyer's risk. Identification of the goods to the contract shall occur as each shipment is placed in the hands of the carrier.

DRAWINGS — All descriptive and forwarding specifications, drawings and particulars of weight and dimensions submitted with Robohand, Inc.'s proposal are approximate only and the descriptions and illustrations contained in Robohand, Inc.'s catalogs, price list and other advertisement matter are intended merely to present a general idea of the goods described therein and none of these shall form part of a contract and any statement or representation made by or on behalf of Robohand, Inc. is executed to the extent authorized by The Misrepresentation Act, 1967.

EXCLUSIONS OF LIABILITY — Any warranties given by Robohand, Inc. in these Conditions of Sale are in lieu of all other warranties or conditions express or implied by common or statute law and Robohand, Inc. shall not be liable to the Buyer for any consequential damage or loss whatsoever nature resulting from defects in material or workmanship, except as herein provided, or from any other breaches of this contract by Robohand, Inc. whatsoever with the exception of damage or loss caused through death or personal injury resulting solely from negligence of the seller in the manufacture, supply or repair of the goods

ROBOHAND, INC.'S RIGHT OF POSSESSION — Robohand, Inc. shall have the right, in addition to all others it may possess, at any time, for credit reasons or because of Buyer's default or defaults, to withhold shipments, in whole or in part, and to recall goods in transit, retake same, and repossess all goods which may be stored with Robohand, Inc. for Buyer's account, without the necessity of taking any other proceedings, and Buyer consents that all the merchandise so recalled, retaken or repossessed shall become Robohand, Inc.'s absolute property, provided that Buyer is given full credit therefor. The foregoing shall not be construed as limiting, in any manner, any of the rights or remedies available to Robohand, Inc. because of any default of Buyer under the Uniform Commercial Code as in force and effect in the State of Connecticut on the date of the signing of this agreement.

SPECIFICATIONS — Normal tolerances in specifications shall be acceptable. **GOODS NOT OF ROBOHAND, INC.'S MANUFACTURE** — Robohand, Inc. will give the Buyer a guarantee equivalent to guarantee (if any) which the supplier of such goods in respect thereof but not so as to impose on Robohand, Inc. in respect of such goods a liability greater than those contained in these Conditions of Sale.

RETURNED MATERIAL — In no case are goods to be returned without first obtaining Robohand, Inc.'s permission. Only unused material as currently manufactured, which has been invoiced to Buyer within 90 days, will be considered for return.

REPAIR WORK — Quotations for repair are made on a preliminary examination of the goods to be repaired. To assure a satisfactory repair, it is frequently necessary to replace parts which on first inspection appear to be reusable and/or carry out additional work to that originally quoted for Robohand, Inc. therefore reserves the right to invoice repair work on the basis of ascertained costs. If following receipt of a quotation for the repair of goods the Buyer decides not to proceed, Robohand, Inc. reserves the right to charge for dismantling and installation. If within 30 days from receipt of a quotation for the repair of goods the Buyer does not give any instructions, Robohand, Inc. will not therefore accept any liability for loss of or damage to any of the Buyer's property remaining in its hands.

PATENTS — In the event of any claim being made or action taken being brought against the Buyer in respect of infringement of patents by the manufactured or sale by Robohand, Inc. or goods supplied to the Buyer being goods manufactured according to the designs and specifications of Robohand, Inc., the Buyer shall notify Robohand, Inc. immediately of any such claim being made or action being brought and Robohand, Inc. shall be at liberty with the assistance of the Buyer, if required, but at Robohand, Inc.'s expense, to conduct all negotiations for the settlement of the same and/or litigations that may arise

therefrom. The Buyer shall indemnify Robohand, Inc. against all costs, claims, expenses, damages, charges or liability whatsoever in respect of or arising from any claim for infringement of any patent, trademark or registered design relating to any product supplied to the design of the Buyer or following the instructions of the buyer.

LEGAL CONSTRUCTION — Unless otherwise agreed in writing, contracts shall, in all respects, be construed in accordance with the laws of the State of Connecticut and operate as a contract conforming to American law.

CONTROLLING PROVISIONS — These terms and conditions shall supersede and terms, provisions and conditions contained on any confirmation order, or other writing Buyer may give or receive and the rights of the parties shall be governed exclusively by the terms and conditions hereof. Robohand, Inc. makes no representations or warranties concerning this order except such as are expressly contained herein, and this order may not be changed or modified orally.

LIMITATION OF WARRANTY — All Robohand products are to be free of actual defects in material and workmanship, provided any such defect be reported to Robohand, Inc. in writing within one (1) year of shipment from factory. This warranty is limited to replacing or repairing at the company's option, F.O.B. the company's factory any part which, upon company inspection, is found to have a defect in material and/or workmanship. The Company, in no event shall be liable for indirect or consequential damages arising out of the use of Robohand, Inc. products. Components purchased by the company from others for inclusion by the company shall be warranted to the extent set out and/or to the guarantee or warranty, if any, made by the supplier of said component. **APART FROM THE ABOVE WARRANTY, THERE ARE NO WARRANTIES EXPRESS, WRITTEN, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTENDED BEYOND THE DESCRIPTION ON THE FACE HEREOF AND ROBOHAND, INC. SHALL NOT BE LIABLE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF SUCH PRODUCTS OR FOR ANY CONSEQUENTIAL DAMAGES.** Robohand, Inc. expressly reserves the right to substitute materials in the products described in the catalogs and any supplements thereto: however, this shall not apply to special order products and/or custom products where Robohand, Inc. is advised in writing of specific material requirements and agrees in writing to comply with the request for such materials.

Applications Form

Company Information:

Company Name: _____ Date _____

Address: _____

City: _____ State _____ Zip _____

Phone: _____ Fax: _____ Web: _____

Key Contact Information:

Name: _____

Phone: () _____ Ext. _____ Fax: () _____ Email: _____

What is your time frame to purchase?

Immediate 3-6 Month 6-12 Months Other: _____

What is your expectations on delivery? _____ weeks

What is the Quantity Required? _____ pcs.

Specifications:

Air Pressure: _____ psi Finger Length: _____ in. Part Weight: _____ lbs.

Stroke Required: _____ in. Cycle Time: _____ Sec Cycle Rate: _____ cycles/hour Duty Cycle: _____ %

Environment: Dirty Corrosive Clean Room High Temp Other _____

Description:

Please describe your application. Include a sketch or attach additional sheets if necessary. Please provide any photos you have available.

Index

Introduction

- I Table of Contents
- II Terms and Conditions
- III Terms and Conditions
- IV Application Form

Parallel Grippers

- 1.2 Product Overview
- 1.4 Product Selector

RPL SERIES

- 1.6 RPL Family Page
- 1.8 RPL-1
- 1.9 RPL-2
- 1.10 RPL-3
- 1.11 RPL-4
- 1.12 RPL Maintenance

RPLC SERIES

- 1.14 RPLC Family Page
- 1.16 RPLC-1
- 1.17 RPLC-2
- 1.18 RPLC-3
- 1.20 RPLC Maintenance

RPM SERIES

- 1.22 RPM Family Page
- 1.24 RPM-1M
- 1.25 RPM-2M
- 1.26 RPM-3M
- 1.27 RPM Maintenance

RPMC SERIES

- 1.30 RPMC Family Page
- 1.32 RPMC-1M
- 1.33 RPMC-2M
- 1.34 RPMC-3M
- 1.35 RPMC Maintenance

DPG SERIES

- 1.38 DPG Family Page
- 1.40 DPG-10-1
- 1.42 DPG-10-2
- 1.44 DPG-10-3
- 1.46 DPG-10-4
- 1.48 DPG Maintenance

DPD SERIES

- 1.50 DPDS Family Page
- 1.52 DPDS-047
- 1.54 DPDS-056
- 1.56 DPDS-088
- 1.58 DPDS-125
- 1.60 DPDS-175
- 1.62 DPDS-250
- 1.64 DPDS Maintenance

- 1.66 DPDL Family Page
- 1.68 DPDL-047
- 1.70 DPDL-056
- 1.72 DPDL-088
- 1.74 DPDL-125
- 1.76 DPDL-175
- 1.78 DPDL-250
- 1.80 DPDL Maintenance

RP-5&10 SERIES

- 1.82 RP-5&10 Family Page
- 1.84 RP-5
- 1.85 RP-10
- 1.86 RP 5&10 Maintenance

RP SERIES

- 1.88 RP Family Page
- 1.90 RP-11
- 1.91 RP-11D
- 1.92 RP-12
- 1.93 RP-12D
- 1.94 RP-15
- 1.95 RP-15D
- 1.96 RP-17
- 1.97 RP-17D
- 1.98 RP-18
- 1.99 RP-18D
- 1.100 RP-19
- 1.101 RP-19D
- 1.102 RP Double Wedge Maintenance

RPS SERIES

- 1.104 RPS Family Page
- 1.106 RPS-11
- 1.107 RPS-11D
- 1.108 RPS-12
- 1.109 RPS-12D
- 1.110 RPS-15
- 1.111 RPS-15D
- 1.113 RPS-17D
- 1.114 RPS-18
- 1.115 RPS-18D
- 1.116 RPS Maintenance

REP SERIES 2-Jaw

- 1.118 REP Family Page
- 1.120 REP-62
- 1.121 REP-62-C
- 1.122 REP-82
- 1.123 REP-82-C
- 1.124 REP-112
- 1.125 REP-112-C
- 1.126 REP 2-Jaw Maintenance

REP SERIES 2-Jaw

- 1.128 RIP Specifications
- 1.129 RIP Dimensions
- 1.130 RIP Sensor Holder
- 1.131 RIP Sealing Cover

RP-P SERIES

- 1.132 RP-P Family Page
- 1.134 RP-50P
- 1.135 RP-100P
- 1.136 RP-25P
- 1.137 RP-35P
- 1.138 RP-40P
- 1.139 RP-43P
- 1.140 RP-P Maintenance

GC SERIES

- 1.142 GC Family Page
- 1.144 GC-25
- 1.145 GC-45
- 1.146 GC-65
- 1.147 GC-85
- 1.148 GC-105
- 1.149 GC Maintenance

RPW SERIES

- 1.152 RPW Family Page
- 1.154 RPW-250
- 1.155 RPW-375-1
- 1.156 RPW-375-2
- 1.157 RPW-500-1
- 1.158 RPW-500-2
- 1.159 RPW-625-1
- 1.160 RPW-625-2
- 1.161 RPW-750
- 1.162 RPW Maintenance

RPB SERIES

- 1.164 RPB Family Page
- 1.166 RPB-24
- 1.167 RPB-24-S
- 1.168 RPB-26
- 1.168 RPB-26-S
- 1.170 RPB-28
- 1.171 RPB-28-S
- 1.172 RPB/RPB-S Maintenance

RPC SERIES

- 1.176 RPC Family Page
- 1.178 RPC-315
- 1.179 RPC-320
- 1.180 RPC-331
- 1.181 RPC-344
- 1.182 RPC-356
- 1.183 RPC-368
- 1.184 RPC Maintenance

REP SERIES 3-Jaw

- 1.186 REP Family Page
- 1.188 REP-63
- 1.189 REP-63-C
- 1.190 REP-83
- 1.191 REP-83-C
- 1.192 REP-113
- 1.193 REP-113-C
- 1.194 REP 3-Jaw Maintenance

RIP SERIES 3-Jaw

- 1.196 RIP Specifications
- 1.197 RIP Dimensions
- 1.198 RIP Sensor Holder
- 1.199 RIP Sealing Cover

PPC SERIES

- 1.200 PPC Family Page
- 1.202 PPC-12
- 1.203 PPC-12-C
- 1.204 PPC-25
- 1.205 PPC-25-C
- 1.206 PPC-34
- 1.207 PPC-34-C
- 1.208 PPC Sensors
- 1.209 PPC Maintenance

Angular Grippers

- 2.2 Overview/Selector

RA 5-10 SERIES

- 2.4 RA-5,6,7,8,&10 Family Page
- 2.6 RA-5
- 2.7 RA-6
- 2.8 RA-7
- 2.9 RA-8
- 2.10 RA-5,6,7,8 Maintenance
- 2.12 RA-10
- 2.13 RA-10 Maintenance

RMA SERIES

- 2.16 RMA Family Page
- 2.17 RMA Specifications
- 2.18 RMA Dimensions
- 2.19 RMA Sensor Holder
- 2.20 RMA Sealing Cover
- 2.21 RMA Option K

RA-15-25 SERIES

- 2.22 RA 15&25 Family Page
- 2.24 RA-15
- 2.25 RA-25
- 2.26 RA 15&25 Maintenance
- 2.28 RA-90

CT/CT-RE SERIES

- 2.30 CT Family Page
- 2.32 CT-12
- 2.33 CT-16
- 2.34 CT-20
- 2.35 CT-25
- 2.36 CT-32
- 2.37 CT-40
- 2.38 CT-50
- 2.39 CT Maintenance

- 2.42 CT-RE Family Page
- 2.44 CT-12-RE
- 2.45 CT-16-RE
- 2.46 CT-20-RE
- 2.47 CT-25-RE
- 2.48 CT-32-RE
- 2.49 CT-40-RE
- 2.50 CT-50-RE
- 2.51 CT-RE Maintenance

Rotary Motion Actuators

RR SERIES

- 3.1 RR Overview
- 3.2 RR-18&28 Family Page
- 3.4 RR-18
- 3.5 RR-28
- 3.6 RR 18&28 Maintenance
- 3.8 RR-36&46 Family Page
- 3.10 RR-36
- 3.11 RR-36 Options
- 3.12 RR-46
- 3.13 RR-46 Options
- 3.14 RR-36&46 Maintenance
- 3.16 RR-56, 66&76 Family Page
- 3.18 RR-56
- 3.19 RR-56 Options
- 3.20 RR-66
- 3.21 RR-66 Options
- 3.22 RR-56&66 Maintenance
- 3.24 RR-76
- 3.25 RR-76 Options
- 3.26 RR-76 Maintenance

DRM SERIES

- 3.28 DRM Family Page
- 3.30 DRM 3000
- 3.31 DRM 3315
- 3.32 DRM 3320
- 3.33 DRM 3062
- 3.34 DRM 3062C
- 3.35 DRM 3063
- 3.36 DRM 3063C
- 3.37 DRM 4000
- 3.38 DRM 4320
- 3.39 DRM 4331
- 3.40 DRM 4082
- 3.41 DRM 4082C
- 3.42 DRM 4083
- 3.43 DRM 4083C
- 3.44 DRM 3000&4000 Maintenance
- 3.46 DRM 5000
- 3.47 DRM 5331
- 3.48 DRM 5334
- 3.49 DRM 5112
- 3.50 DRM 5112C
- 3.51 DRM 5113
- 3.52 DRM 5113C
- 3.53 DRM 6000
- 3.54 DRM 6344
- 3.55 DRM 6356
- 3.56 DRM 5000&6000 Maintenance
- 3.58 DRM Options Maintenance
- 3.59 DRM Sensor Wiring Schematic

Linear Slides

- 4.1 Slides Contents
- 4.2 Slide Selector

DIRECTCONNECT SERIES

- 4.4 DIRECTCONNECT Overview
- 4.6 Application Concepts

DLB-B&L SERIES

- 4.8 DLB-B&L Family Page
- 4.10 DLB-06-08B
- 4.12 DLB-10-16B
- 4.14 DLB-20-25B
- 4.16 DLB-06-08L
- 4.18 DLB-10-16L
- 4.20 DLB-20-25L
- 4.22 DLB-B&L Maintenance

DLB-TANRU SERIES

- 4.24 DLB-TANRU Family Page
- 4.26 DLB-06-08TU
- 4.28 DLB-10-16TA
- 4.30 DLB-20-25TA
- 4.32 DLB-10-16NU
- 4.34 DLB-20-25NRU
- 4.36 DLB-TANRU Maintenance

DLT-B SERIES

- 4.38 DLT-B Family Page
- 4.40 DLT-06-08B
- 4.41 DLT-06-08B
- 4.42 DLT-10-16B
- 4.43 DLT-10-16B
- 4.44 DLT-20-25B
- 4.45 DLT-20-25B

DLT-E&L SERIES

- 4.46 DLT-E&L Family Page
- 4.48 DLT-06-08E
- 4.50 DLT-10-16E
- 4.52 DLT-20-25E
- 4.54 DLT-06-08L
- 4.56 DLT-10-16L
- 4.58 DLT-20-25L
- 4.60 DLT-B,E,L Maintenance

DLT-TANRU SERIES

- 4.62 DLT-TANRU Family Page
- 4.64 DLT-06-08TU
- 4.66 DLT-10-16TA
- 4.68 DLT-20-25TA
- 4.70 DLT-10-16NU
- 4.72 DLT-20-25NRU
- 4.74 DLT-TANRU Maintenance
- 4.76 DLT-30NRU
- 4.78 DLT-35NRU
- 4.80 DLT-30&35 Maintenance

DLK SERIES

- 4.82 DLK Overview

DLK-B SERIES

- 4.84 DLK-B Family Page
- 4.86 DLK-06-08B
- 4.87 DLK-10-16B
- 4.88 DLK-20-25B

DLK-E&L SERIES

- 4.90 DLK-E&L Family Page
- 4.92 DLK-06-08E
- 4.93 DLK-10-16E
- 4.94 DLK-20-25E
- 4.95 DLK-06-08L
- 4.96 DLK-10-16L
- 4.97 DLK-20-25L
- 4.60 DLK-B,E,L Maintenance

DLK-TANRU SERIES

- 4.100 DLK-TANRU Family Page
- 4.102 DLK-06-08T
- 4.103 DLK-10-16TA
- 4.104 DLK-20-25TA
- 4.105 DLK-10-16NRU
- 4.106 DLK-20-25NRU
- 4.107 DLK-TANRU Maintenance

PSL SERIES

- 4.110 PSL Family Page
- 4.112 PSL-5
- 4.113 PSL-6

PLT SERIES

- 4.114 PLT Family Page
- 4.116 PLT-500-1
- 4.117 PLT-500-2
- 4.118 PLT-625-1
- 4.119 PLT-625-2
- 4.120 PLT-750-1
- 4.121 PLT-750-2
- 4.122 PLT-1000-1
- 4.123 PLT-1000-2
- 4.124 PLT Maintenance

MPS SERIES

- 4.126 MPS Family Page
- 4.128 MPS-1-1
- 4.129 MPS-1-2
- 4.130 MPS-1-3
- 4.131 MPS-1-4
- 4.132 MPS-2-1
- 4.133 MPS-2-2
- 4.134 MPS-2-3
- 4.135 MPS-2-4
- 4.136 MPS Maintenance

DIRECTCONNECT Mounting Modules

- 5.2 Product Overview
- 5.6 DMM-08-01
- 5.7 DMM-08-02
- 5.8 DMM-08-03
- 5.9 DMM-08-04
- 5.10 DMM-08-05
- 5.11 DMM-08-06
- 5.12 DMM-08-07
- 5.13 DMM-08-08
- 5.14 DMM-08-09
- 5.15 DMM-08-10
- 5.16 DMM-16-01
- 5.17 DMM-16-02
- 5.18 DMM-16-03
- 5.19 DMM-16-04
- 5.20 DMM-16-05
- 5.21 DMM-16-06
- 5.22 DMM-16-07
- 5.23 DMM-16-08
- 5.24 DMM-16-09
- 5.25 DMM-16-10
- 5.26 DMM-25-01
- 5.27 DMM-25-02
- 5.28 DMM-25-03
- 5.29 DMM-25-04
- 5.30 DMM-25-05
- 5.31 DMM-25-06
- 5.32 DMM-25-07
- 5.33 DMM-25-08
- 5.34 DMM-25-09
- 5.35 DMM-25-10
- 5.36 Custom Extrusion Gusset Kits
- 5.37 Slot Covers, End Caps, & Nut Plates
- 5.38 Hose Clamp Kits
- 5.39 Thruster & Base Slide Mounting Kits
- 5.40

Sheet Metal Grippers

- 6.1 RSG Product Overview
- 6.2 RSG-045
- 6.3 RSG-45C
- 6.4 RSG-90D
- 6.5 RSG-90F
- 6.6 RSG-9DF
- 6.7 RSG-180
- 6.8 RSG-SDJ

Power Clamps

RCP SERIES

- 7.1 RCP Family Page
- 7.2 RCP-8232
- 7.3 RCP-8240
- 7.4 RCP-8250
- 7.5 RCP-8263
- 7.6 RCP Maintenance

RSC SERIES

- 7.9 RSC Family Page
- 7.10 RSC-8920-010
- 7.12 RSC-8932-010
- 7.14 RSC-8940-010
- 7.16 RSC-8940-025
- 7.18 RSC-8950-025
- 7.20 RSC-8963-025
- 7.22 RSC Maintenance

Feed Escapements & Non-Rotating Cylinders

- 8.1 Product Overview

RFE SERIES

- 8.2 RFE Family Page
- 8.4 RFE-11
- 8.5 RFE-12
- 8.6 RFE-13
- 8.7 RFE Maintenance

RN SERIES

- 8.10 RN Family Page
- 8.12 RN-11
- 8.13 RN-12
- 8.14 RN-13
- 8.15 RN Series Maintenance

Robotic Tool Changers & Compliance/Overload Devices

- 9.1 Product Overview

RHC SERIES

- 9.2 RHC Family Page
- 9.4 RHC-1-R
- 9.5 RHC-1-T
- 9.6 RHC-2-R
- 9.7 RHC-2-T
- 9.8 RHC-3-R
- 9.9 RHC-3-T
- 9.10 RHC-4-R
- 9.11 RHC-4-T
- 9.12 RHC Maintenance

QC SERIES

- 9.14 QC Family Page
- 9.16 QC-30
- 9.17 TP-30
- 9.18 QC-60
- 9.19 TP-60
- 9.20 QC-60 10-Port
- 9.21 TP-60 10-Port
- 9.22 QC-150
- 9.23 TP-150
- 9.24 QC-500
- 9.25 TP-500
- 9.26 Module Specifications
- 9.27 QC Maintenance
- 9.30 QC Modular Family Page
- 9.32 QC-400
- 9.33 QC-400 Modules
- 9.34 TP-400
- 9.35 TP-400 Modules
- 9.36 QC-1200
- 9.37 QC-1200 Modules

- 9.38 TP-1200
- 9.39 TP-1200 Modules
- 9.40 Module Specifications
- 9.42 QC Modular Maintenance

RCW SERIES

- 9.44 RCW Family Page
- 9.46 RCW-50-3
- 9.47 RCW-80-3
- 9.48 RCW-100-4
- 9.49 RCW-100-6
- 9.50 RCW-125-6
- 9.51 RCW-160-6
- 9.51 RCW-160-8
- 9.53 RCW-200-6
- 9.54 RCW-200-8
- 9.55 RCW-300-12
- 9.56 RCW Maintenance

KA SERIES

- 9.58 KA Family Page
- 9.60 KA-80
- 9.61 KA-100
- 9.62 KA-125
- 9.63 KA-160
- 9.64 KA-200
- 9.65 KA-300
- 9.66 KA Maintenance

CH SERIES

- 9.8 CH-50, 80, 110, 140 & 165

CV SERIES

- 9.70 CV-80&110

ASSEMBLYSAFE SERIES

- 9.72 AssemblySafe Family Page
- 9.74 MicroAssemblySafe
- 9.75 AssemblySafe
- 9.76 AssemblySafe Maintenance

MC SERIES

- 9.78 MC Family Page
- 9.80 MC-25
- 9.81 MC-50
- 9.82 MC-150
- 9.83 MC-300/300HD
- 9.84 MC Maintenance

ULS SERIES

- 9.86 ULS Family Page
- 9.88 ULS-80
- 9.89 ULS-100
- 9.90 ULS-125
- 9.91 ULS-160
- 9.92 ULS-200
- 9.93 ULS-250
- 9.94 ULS-300
- 9.95 ULS Maintenance

AU SERIES

- 9.97 AU-60, 80, 110, 140 & 165

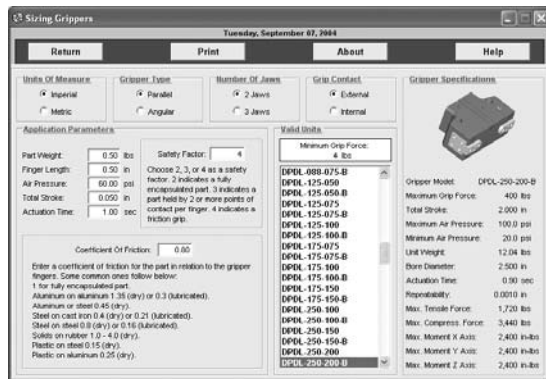
AU-R SERIES

- 9.99 AU-110-R & 140-R

Value-Added Services

World-Class Robosizer Product Sizing Software

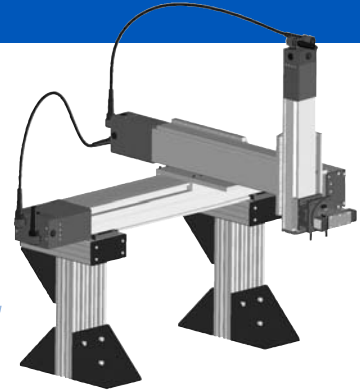
Robosizer Online gives you the ability to size Robohand products to fit your application's parameters. Providing this service online gives you access to the latest Robohand products and software updates.



Lean Results:

- Reduces Design Time
- Results in Cost Savings
- Easy-to-use Graphical Interface
- Narrows Down Search for Products Based on Inputs
- Non-Compliant Parameters are Highlighted

Modular Automation Systems



Featuring...
DIRECTCONNECT
ADVANCED MODULAR AUTOMATION TECHNOLOGY

Unique Advantages

- Easy to Design → **Your Lean Benefits!**
- DIRECTCONNECT™ Technology → **Reduce and Simplify System Design Time**
- Easy to Order → **Improve Repeatability and Accuracy**
- Comprehensive Digital Documentation → **Simple Steps to Walk You Through Your Finished Design**
- Superior Customer Support → **Reference at Your Fingertips**
- Infinite Configurations → **No Hang-ups! Speak One-on-One with an Engineer for Immediate Answers**
- On-Time Delivery → **Electric and Pneumatic Product Combinations Offer an Unlimited Number of Motions**
- Work with Experts → **No Delays to Your Project**
- **FREE! Use Us as an Expert Consultant to Your Team!**

Custom Product Modifications

From Harsh Environments to High Compressive Loads, Robohand, a DE-STA-CO Industries Company, will Create Custom Solutions for Your Application Needs!

Have you ever been faced with an unusual application and felt at a loss for a product solution? Call Robohand! As a leader in the design and manufacture of robotic tooling and modular automation components, Robohand produces sophisticated grippers, rotary actuators, slides, lift tables, tool changers, thrusters and feed escapements. If you cannot find a standard product that is exactly what you are looking for, Robohand can create unique custom product modifications to meet your application challenge.

Lean Results:

- Best solutions to difficult engineering challenges
- Does not void Robohand warranty
- Will provide part numbers & documents for future orders
- Speak directly to a competent Engineer
- Support via phone, internet, or in the field

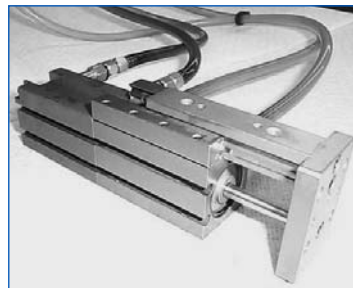
The next time you find yourself at a loss for an application solution, remember that Robohand is known for quality technical support that delivers the answers you need!



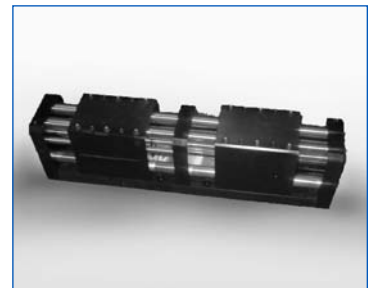
Offers more stroke than our standard gripper



Internally sealed, stainless steel submersible gripper



Linear slide offering double the force in the same profile



Rugged rim gripper offers high grip forces & moment loads



New!

3D CAD MODEL CONFIGURATOR

- Configurable With Product Options and Accessories
- Programmable Positioning
- In 2D or 3D Formats

Go to www.Robohand.com!



Robohand's popular new addition to its Web site gives you "hands-on" experience with our complete suite of automation products!

- | | |
|----------------------|---------------------|
| Linear Thrusters | Parallel Grippers |
| Rotary Actuators | Angular Grippers |
| Feed Escapements | Base Slides |
| Compliance Wrists | Tool Changers |
| Sheet Metal Grippers | Mounting Stanchions |
| Power Clamps | Swing Clamps |

Compatible with virtually any CAD language in many output formats.

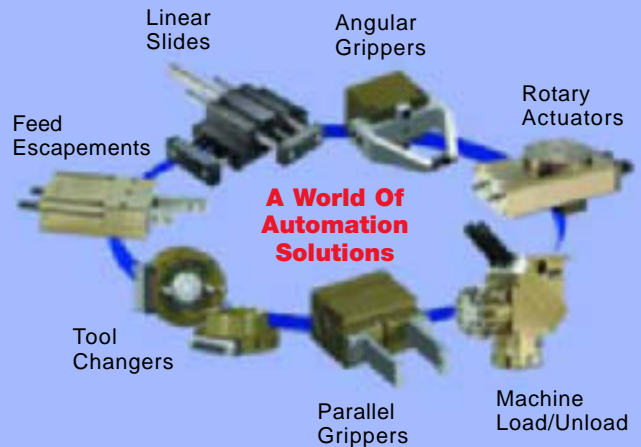


A DE-STA-CO Industries Company
482 Pepper Street
Monroe, CT 06468
1-800-ROBOHAND
A DOVER COMPANY

"Quality You Expect From The Leader"

Visit our Web site at www.robohand.com or email us your questions at tech@robohand.com

Design Automation With Confidence!



Largest Selection Of Slides & Grippers

Over 100 Grippers and more than 110 Slides!

3D CAD Library & Configurator

- Compatible with virtually any CAD language in many output formats
- Configurable with product options and accessories
- Rotate, zoom and pan your models on-line

DirectConnect™

- Full line of Base Slides, Block Thrusters and Thruster Slides that quickly and easily mount together without adapter plates to create an unlimited array of multi-axis pick & place systems

Specials

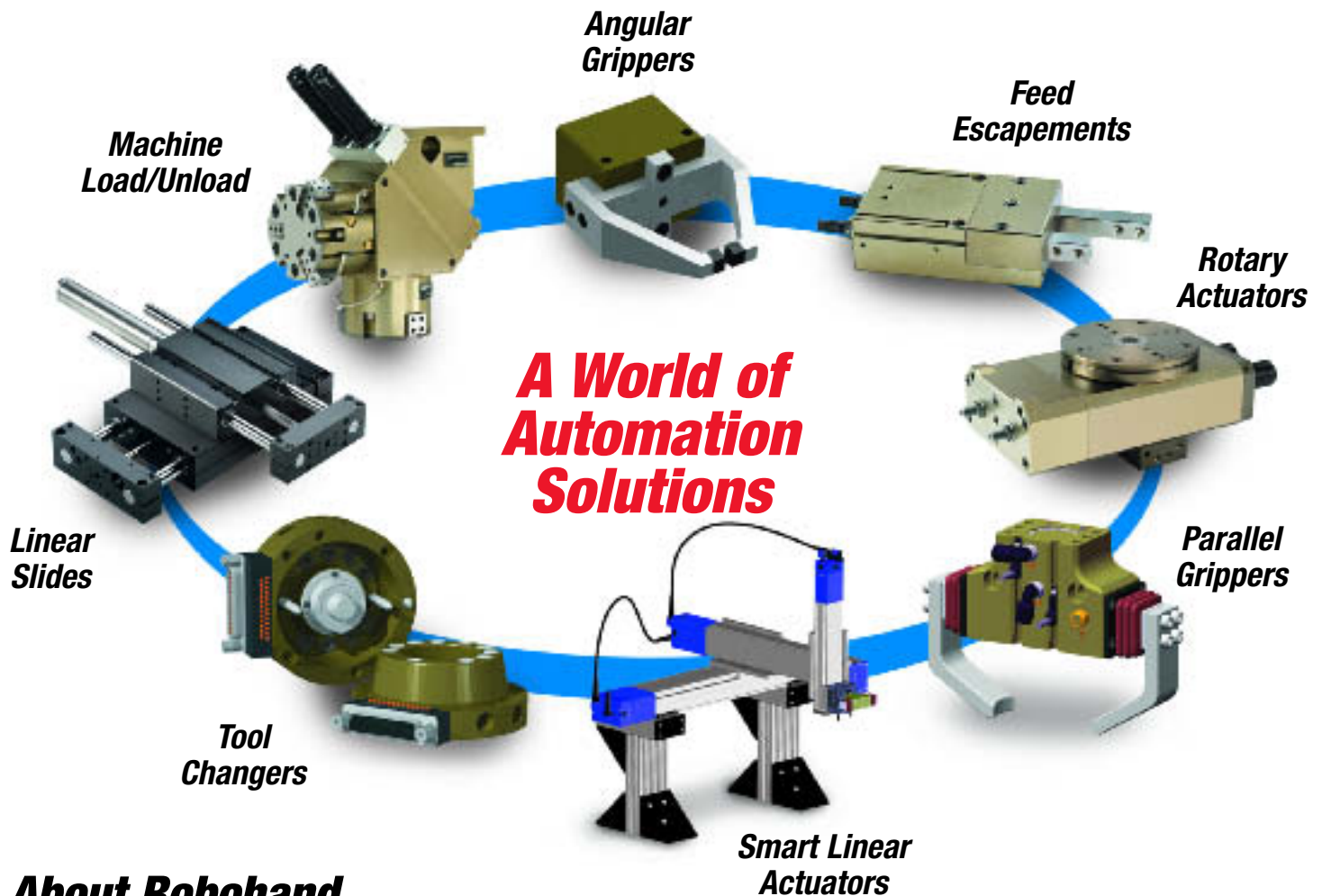
- Best solutions to difficult engineering challenges
- Will provide part numbers and documents for future orders
- Speak directly to a competent Engineer
- Support via phone, internet, or in the field

Let Robohand Secure Your Success!



www.robohand.com
1-800-ROBOHAND or Tech@Robohand.com

Design Automation with Confidence!



About Robohand, A DE-STA-CO Industries Company

Robohand based in Monroe, CT., was founded in 1982 when the company designed and built the first intelligent sensorized gripper. Quickly, Robohand grew by innovating and manufacturing grippers, slides, and other modular components used to automate a variety of manufacturing tasks. Robohand's well-engineered products soon earned a position of market leadership that holds firm today.

Integrating Robohand to the DE-STA-CO Industries family enabled Robohand to expand its manufacturing operations and opened access to markets worldwide for its robotic automation product lines and the product lines of DE-STA-CO Industries. Together, a foundation has been formed to advance productivity improvement for customers using the breadth of products and value added services, a key to success for organizations in today's economy.

DE-STA-CO Industries, a Dover Company, is the global leader in the design, manufacture and support of clamping, gripping, transferring and robotic tooling solutions for workplace and flexible automation needs. With over 85 years of experience, DE-STA-CO Industries brings quality philosophy to its worldwide customer base.



482 Pepper Street
Monroe, CT 06468-2653
Phone: 1-800-762-6426
Fax: (203) 452-7418
Web: www.robohand.com