Distributor Support
PHD distributors are factory trained, application oriented, and carry a wide range of supporting product lines. Your local distributor will take the time to thoroughly analyze and assess your specific needs. Backed by PHD’s superior service and engineering expertise, you can be assured of a cost-effective, field-proven solution. The solution offered will be the best blend of expertise available from the close PHD-distributor partnership.

Contact your local distributor today for the full story including a working product demonstration at your site.

Superior Delivery
Nowhere in our industry is product delivery taken as seriously as it is at PHD. Even with the wide range of options offered on PHD products, shipping time in most cases is one to three working days. In today’s fast-paced competitive markets, we understand the need for quick turnaround. With a track record of 98% on-time shipments, you can be assured of prompt delivery. And if you find yourself in an emergency situation, expedited service is also available.

Custom Products
Unique application designs require unique components. With over 45 years of experience, our Custom Products team welcomes special requests for unique products, regardless of quantity or frequency of order. PHD is willing and able to develop drop-in replacement actuators for your toughest applications. Request quotes online at www.phdinc.com/customproducts.

Engineering Software
PHD’s engineering software provides powerful design and selection tools at your fingertips. The software eliminates risk and simplifies your design process and component selection, while offering significant time savings.

**CAD CONFIGURATOR**
PHD’s Online CAD Configurator allows the generation, download, and e-mail within minutes of many PHD products in a native/neutral format in over 80 CAD formats. Formats include AutoCAD®, Inventor®, SolidEdge®, and SolidWorks® just to name a few. This tool saves hours of design time and ensures accurate part number generation all in the format of your choice. For complete information and additional features of this exceptional design tool, go to www.phdinc.com/cad.

**Product Sizing Software**
Based on users’ input, this software selects the proper model and size of unit. This ensures the actuator will perform to your specific application requirements.

As new features are added, updates to this software are available at the PHD web site. www.phdinc.com/apps/sizing

**Making Complex Automation Simple**

- **Increased Production**
- **Reduced Downtime**
- **Lowest Cost of Ownership**
Is it hard to find a source for your unique requirements? **We have the solutions for you.**

With over 45 years of experience, you can trust PHD to produce high quality, reliable products for your automation needs.

We have a full line of pneumatic components, cylinders, escapements, grippers, slides, rotary actuators, clamps, multi-motion actuators, and proximity switches, which can be combined or used individually to provide the motion your application requires. With millions of component variations, we can help pick, place, twist, turn, lift, grip, reach, rotate, inject, and clamp what you need to increase your productivity.

If an application requires a modified component, our Custom Products team is ready to help. We welcome special requests for unique products, regardless of quantity or frequency of order. PHD and our local MDN partner will work closely with you to find a solution to your application needs.

The products, supported by our strong commitment to delivery and service, have made us a leader in automation.

We have the solution for your processes. **Long Life - Reduces Maintenance and Downtime**

**Semiconductor Solutions**

**Final Packaging**
- ML#302988
- Dual Gripper
- Precision Gripper
- Variable Pick Head
- ML#303340

**Conformal Coating**
- RCC Rotary Actuator
- RAS Slide
- SIP Slide
- SFP Slide
- STP Slide
- SHP Slide

**We have the solution for your processes.**

**Low Breakaway Units**
- ML#305422
- ML#305421
- SHP Slide
- Ring Cylinder ML#302190
- Pick Head

**Alternative Materials**
- PET Gripper
- Titanium/PET Rotary
- SS Slide

**Wet Processing**
- SFP Slide
- PET Gripper
- Titanium/PET Rotary
- SIP Slide

**Solder Paste or Reflow**
- Snugger Cylinder
- SFP Slide
- STP Slide
- Materials ML301141, other plastic grippers, cleanroom, AV, CR, SA, SD

Visit our website for full product specifications and catalog. **www.phdinc.com • 1-800-624-8511**
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Long Life - Reduces Maintenance and Downtime

### Automated Circuit Board Routing / Depaneling
- PCB Gripper
- SA Slide
- RFS Rotary Actuator
- GRL Gripper

### Low Breakaway Units
- ML#305422
- ML#305421
- SHP Slide
- Ring Cylinder ML#302190
- Pick Head

### Final Packaging
- Dual Gripper
- Precision Gripper
- Variable Pick Head

### Alternative Materials
- PET Gripper
- Titanium/PET Rotary
- SS Slide

### Conformal Coating
- RCC Rotary Actuator
- RFS Rotary Actuator
- STP Slide
- SHP Slide

### Solder Paste or Reflow
- Snugger Cylinder
- Titanium/PET Rotary
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### Wet Processing
- SFP Slide
- PET Gripper
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