Compact Automation designs and manufactures high-value pneumatic and hydraulic actuation products for original equipment manufacturers, integrators and plant engineers. These are premium products for those who demand the best possible performance and durability.

The Compact product line has a unique value proposition. This brochure will help you understand how to leverage The Compact Automation Difference and add value to your business.

The Compact Automation Value Proposition:
- Small but Powerful
- Long-Life and Repairable
- Highly Configurable

Small, Durable and Configurable Products for all of your Critical Motion Control Needs.
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Our intent is to only participate in high-value product categories. One key to this strategy is being able to deliver exactly the product you need to solve a problem or perform a critical task. While this requires a lot of flexibility on our part, it is what makes us unique in the market.

HIGHERLY CONFIGURABLE - When you need weird stuff fast!

We have the industry’s best product configurator with a simple to use online interface. Getting complex products configured and quoted is just a mouse click away. Simply go to www.compactautomation.com and select CONFIGURATORS from the drop down list.

If you can’t configure what you need with our extensive standard options, we have a special process to quickly deliver fully custom products at any volume.

LONG LIFE and FIELD REPAIRABLE – When your reputation depends on the equipment...

Quality Features Designed for Longevity and Repairability

Our products have many design features that enable long field service. The products are also designed to be quickly and easily repaired in the field by a technician of modest skill.

Compact Linear Actuator Design - Long-Life and Field Repairable

1. Anodized aluminum end caps – rod end cap includes bronze rod bearing.
2. Unique end cap retention with stainless steel retaining wire – provides durability in the smallest possible package.
3. Clear anodized aluminum cylinder body with a flex honed and roller burnished bore.
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Figure-8 Piston Seal

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Compact the Original Small Cylinder

The name Compact is not an accident. The original intent of our founder was to design a product line that was extremely space efficient. To this day, Compact Automation tends to have the smallest cylinders for a given output. This advantage extends to our rotary product where our unique vane design is much smaller than the typical rotary actuator.

Compact’s linear actuators are significantly smaller than the equivalent competitive actuator.

### Linear Cylinder Size Comparison

<table>
<thead>
<tr>
<th>Brand</th>
<th>Same Size</th>
<th>Bimba Flat 1 RD</th>
<th>Bimba Flat 1 SQ</th>
<th>Fabco Pancake</th>
<th>Fabco SQ 1</th>
<th>Festo ADH</th>
<th>Norgren F</th>
<th>Numatics C</th>
<th>PHD QC</th>
<th>SMC QC 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact</td>
<td>20% Larger</td>
<td>12% Larger</td>
<td>30% Larger</td>
<td>55% Larger</td>
<td>10% Larger</td>
<td>58% Larger</td>
<td>50% Larger</td>
<td>15% Larger</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Comparison is based on the average of all actuators in the series.

### Rotary Actuator Size Comparison*

<table>
<thead>
<tr>
<th>Brand</th>
<th>Part #</th>
<th>Versus Compact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact</td>
<td>122-151</td>
<td></td>
</tr>
<tr>
<td>Fabco</td>
<td>FRC40X90</td>
<td>25% larger, 35% weaker, 31% heavier</td>
</tr>
<tr>
<td>Festo</td>
<td>D34A-60</td>
<td>160% larger, 68% weaker, 265% heavier</td>
</tr>
<tr>
<td>Norgren</td>
<td>M60287279</td>
<td>140% larger, 55% weaker, 165% heavier</td>
</tr>
<tr>
<td>Parker</td>
<td>PV300-B2-8</td>
<td>5% smaller, 10% weaker, same weight</td>
</tr>
<tr>
<td>Numatics C</td>
<td>M/6028798</td>
<td>215% larger, 55% weaker, 255% heavier</td>
</tr>
<tr>
<td>PHD QC</td>
<td>RST-30-9C-2TSX</td>
<td>85% larger, 85% weaker, 185% heavier</td>
</tr>
<tr>
<td>SMC QC 2</td>
<td>CB18W6G-500E</td>
<td>3% smaller, 24% weaker, 5% lighter</td>
</tr>
</tbody>
</table>

*Comparison is based on a 90 deg. rotation, producing 350 in-lbs torque at 100 psig operating pressure.

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