

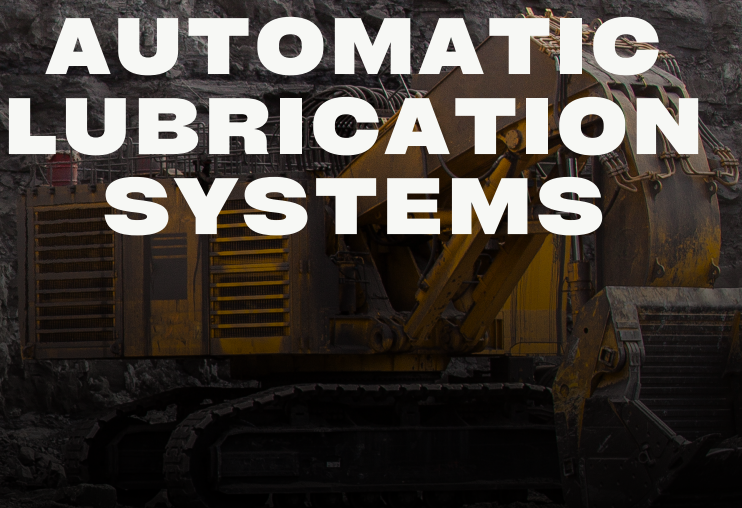


**AUTOMATIC LUBRICATION TECHNOLOGY
FOR GLOBAL INDUSTRIES**

Paguld Automatic Lubrication Systems, presented by Silveri Engineering, deliver advanced, high-performance lubrication solutions trusted across multiple industries. These systems are widely used in wind power equipment, construction machinery, rail transportation, mining equipment, tunnel boring machines, agricultural machinery, port machinery, and many other heavy-duty applications.

Silveri Engineering supplies high-quality components for Single Line, Progressive, Multi-Line, and Dual Line lubrication systems. With a strong focus on leading technology, innovation, and precision-engineered products, every system is thoroughly tested to ensure reliable, efficient, and cost-effective operation—helping reduce downtime and extend equipment life. In Indonesia, PT. Sufcon Hernindo serves as the official partner, supporting distribution, component supply, and technical services to ensure optimal system performance for local industries. The combination of Silveri Engineering's global technology and PT. Sufcon Hernindo's strong local support makes Paguld Automatic Lubrication Systems a dependable, cost-efficient, and industry-leading choice.

AUTOMATIC LUBRICATION SYSTEMS



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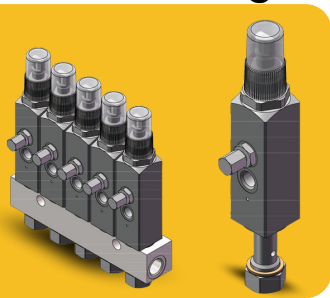


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Paguld

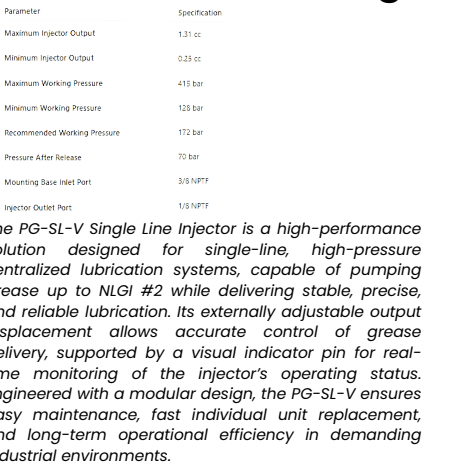


PG-SL-1R Single Line Oil Injector

	<table><tr><th>Parameter</th><th>Value</th></tr><tr><td>Maximum displacement of oil injector</td><td>1.31 cc</td></tr><tr><td>Minimum displacement of oil injector</td><td>0.13 cc</td></tr><tr><td>Maximum work pressure</td><td>241 bar</td></tr><tr><td>Minimum work pressure</td><td>127 bar</td></tr><tr><td>Recommended work pressure</td><td>172 bar</td></tr><tr><td>Pressure after depressurization</td><td>41 bar</td></tr><tr><td>Installation seat entrance interface specification</td><td>3/8 NPTF</td></tr><tr><td>Specification of oil injector outlet interface</td><td>1/8 NPTF</td></tr></table>	Parameter	Value	Maximum displacement of oil injector	1.31 cc	Minimum displacement of oil injector	0.13 cc	Maximum work pressure	241 bar	Minimum work pressure	127 bar	Recommended work pressure	172 bar	Pressure after depressurization	41 bar	Installation seat entrance interface specification	3/8 NPTF	Specification of oil injector outlet interface	1/8 NPTF
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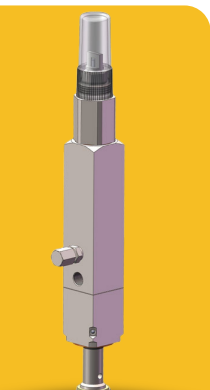
PG-SL-1R Single Line Oil Injector by Silveri Engineering is a high-pressure, modular automatic lubrication component for single line centralized systems. It offers adjustable oil output and a visible indicator needle to monitor working status, designed for easy maintenance, fast repair, and individual unit replacement.

PG-SL-V Single Line Injector

	<table><tr><th>Parameter</th><th>Specification</th></tr><tr><td>Maximum Injector Output</td><td>1.31 cc</td></tr><tr><td>Minimum Injector Output</td><td>0.25 cc</td></tr><tr><td>Maximum Working Pressure</td><td>413 bar</td></tr><tr><td>Minimum Working Pressure</td><td>128 bar</td></tr><tr><td>Recommended Working Pressure</td><td>172 bar</td></tr><tr><td>Pressure After Release</td><td>70 bar</td></tr><tr><td>Mounting Base Inlet Port</td><td>3/8 NPTF</td></tr><tr><td>Injector Outlet Port</td><td>1/8 NPTF</td></tr></table>	Parameter	Specification	Maximum Injector Output	1.31 cc	Minimum Injector Output	0.25 cc	Maximum Working Pressure	413 bar	Minimum Working Pressure	128 bar	Recommended Working Pressure	172 bar	Pressure After Release	70 bar	Mounting Base Inlet Port	3/8 NPTF	Injector Outlet Port	1/8 NPTF
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The PG-SL-V Single Line Injector is a high-performance solution designed for single-line, high-pressure centralized lubrication systems, capable of pumping grease up to NLGI #2 while delivering stable, precise, and reliable lubrication. Its externally adjustable output displacement allows accurate control of grease delivery, supported by a visual indicator pin for real-time monitoring of the injector's operating status. Engineered with a modular design, the PG-SL-V ensures easy maintenance, fast individual unit replacement, and long-term operational efficiency in demanding industrial environments.

PG-SL-V XL Single Line Injector

	The PG-SL-V XL series injector is engineered for high-pressure single-line centralized lubrication systems and is capable of pumping NLGI #2 and lower-grade greases, ensuring precise and reliable lubricant delivery in demanding industrial environments. It features an externally adjustable output displacement for accurate lubrication control, an indicator needle for real-time visual monitoring of operating status, and a modular design that enables quick disassembly and fast replacement of individual units, providing long-term efficiency and ease of maintenance.																
<table><tr><td>Maximum Injector Displacement</td><td>5 cc</td></tr><tr><td>Minimum Injector Displacement</td><td>0.25 cc</td></tr><tr><td>Maximum Working Pressure</td><td>413 bar</td></tr><tr><td>Minimum Working Pressure</td><td>128 bar</td></tr></table>	Maximum Injector Displacement	5 cc	Minimum Injector Displacement	0.25 cc	Maximum Working Pressure	413 bar	Minimum Working Pressure	128 bar	<table><tr><td>Recommended Working Pressure</td><td>172 bar</td></tr><tr><td>Pressure After Relief</td><td>70 bar</td></tr><tr><td>Mounting Base Inlet Interface</td><td>3/8 NPTF</td></tr><tr><td>Injector Outlet Interface</td><td>1/8 NPTF</td></tr></table>	Recommended Working Pressure	172 bar	Pressure After Relief	70 bar	Mounting Base Inlet Interface	3/8 NPTF	Injector Outlet Interface	1/8 NPTF
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PG-205 Electric Lubrication Pump

PG205 Electric Lubrication Pump is designed to supply grease efficiently to lubrication points or centralized systems. It supports up to five pump elements, allowing adjustable grease delivery based on application needs. Built with a reliable drive motor, precision gear system, and durable construction, it ensures stable lubrication performance in industrial environments. An optional low-level alarm can be added for safer operation.

Pump Element Output (mL/min)

Pump Element	Output (mL/min)
K5	0.10
K6-2.5	0.125
K6	0.14
K7	0.20
K8	0.25
KR7	0.035 – 0.15
KR8	0.05 – 0.25

Technical Parameters

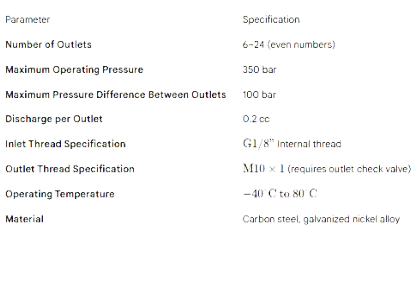
Parameter	Specification
System Pressure	35 MPa
Reservoir Capacity	4L, 8L (transparent) / 10L, 30L (steel)
Voltage	380-420VAC / 50Hz, 440-480VAC / 60Hz
Reduction Ratio	40:1 / 60:1 / 100:1
Number of Pump Elements	1 – 5
Grease Outlet Thread	G1/4 inner thread
Operating Temperature	-20°C to +70°C
Protection Class	IP65
Compatible Lubricant	Up to NLGI #2

PG-203 Electric Lubrication Pump

The PG-203 Electric Lubrication Pump is a compact, durable, and precision-engineered automatic grease pump, built for progressive (single-line) lubrication systems. Designed for multi-point lubrication, it provides stable output, high system compatibility, and efficient grease distribution for heavy-duty industries including wind power, construction, rail, mining, tunnel boring, agricultural and port machinery.

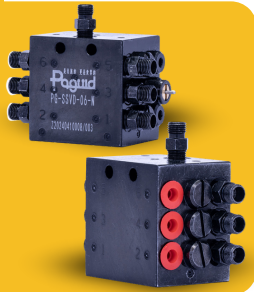
	<table><tr><th>Specification</th><th>Details</th></tr><tr><td>Lubrication Pump System</td><td>Progressive (Single Line)</td></tr><tr><td>Max. System Pressure</td><td>25 MPa</td></tr><tr><td>Volume</td><td>2 L / 4 L / 8 L</td></tr><tr><td>Output</td><td>1-3 mL per cycle</td></tr><tr><td>Voltage</td><td>12V / 24V / 220V</td></tr><tr><td>Temperature</td><td>-20°C to 60°C</td></tr><tr><td>Protection</td><td>IP65</td></tr><tr><td>Outlet Thread</td><td>G 1/4</td></tr><tr><td>Inlet</td><td>Internal Thread</td></tr><tr><td>Number of Pump Unit</td><td>1-3</td></tr></table>	Specification	Details	Lubrication Pump System	Progressive (Single Line)	Max. System Pressure	25 MPa	Volume	2 L / 4 L / 8 L	Output	1-3 mL per cycle	Voltage	12V / 24V / 220V	Temperature	-20°C to 60°C	Protection	IP65	Outlet Thread	G 1/4	Inlet	Internal Thread	Number of Pump Unit	1-3
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PG-SSV Distributor

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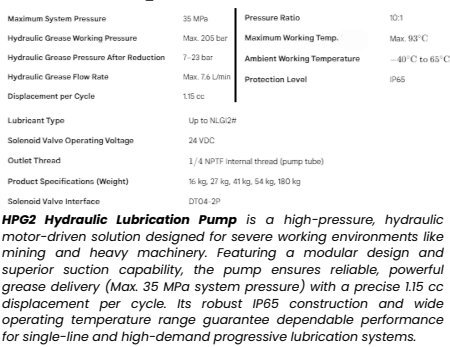
PG-SSV Distributor is a reliable, plunger-type distributor engineered to deliver precise and flexible lubrication. Offering 6 to 24 outlets (even numbers), this distributor ensures a fixed amount of grease supply per cycle. A standout feature is its progressive operation, where the sequential dispensing of grease allows for easy monitoring using visual or electronic devices. Furthermore, by blocking one outlet, the lubricant is redirected to the next, effectively doubling the discharge volume to meet varying lubrication needs. With a maximum operating pressure of 350 bar and durable materials (carbon steel/galvanized nickel alloy), the PG-SSV Distributor is capable of optimal performance in both high- and low-temperature conditions

PG-SSVD Distributor

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The PG-SSVD Distributor is the ultimate solution for flexible and heavy-duty lubrication. Its core strength lies in individually adjustable discharge volumes across its 6 to 22 outlets, allowing quick and easy tuning even after installation simply by replacing the metering bolts. Built to handle a powerful 350 bar pressure and made from corrosion-resistant materials, the PG-SSVD is specifically designed for reliable, non-contaminating performance in the harshest high-temperature or highly corrosive industrial environments, providing exceptional control over your lubrication requirements.

HPG2 Hydraulic Lubrication Pump

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HPG2 Hydraulic Lubrication Pump is a high-pressure, hydraulic motor-driven solution designed for severe working environments like mining and heavy machinery. Featuring a modular design and superior suction capability, the pump ensures reliable, powerful grease delivery (Max. 35 MPa system pressure) with a precise 1.15 cc displacement per cycle. Its robust IP65 construction and wide operating temperature range guarantee dependable performance for single-line and high-demand progressive lubrication systems.