



**RAYCO  
SYSCOMAK**  
CUSTOM ENGINEERING SOLUTIONS



## MODULAR PROGRESSIVE PUMP

- Extend your component life using EP2 grease
- Maintenance intervals are optimized for your application
- Clear 4 & 6 Kg Makrolon® reservoirs are break-proof, smudge-proof, and will never become discoloured
- Stainless steel follower plate with PIP™ spring provides clear grease level indication
- Available in 12 & 24 VDC
- Low-level proximity sensor (optional)
- Magnetically programmable timer is fully potted and therefore protected from the elements
- Heavy-duty insulated mounting system
- Front mounted LED indicates power, cycle, and mode
- 3 delivery ports provide a variety of pump configurations



# MODULAR PROGRESSIVE PUMP

Lubecore™ Automated Lubrication Systems enhance your preventative maintenance program and keep your greaseable components in excellent condition resulting in safe and reliable equipment performance. This maintenance tool keeps your equipment on the road, earning you money!

## Modular Progressive Pump

The Modular Progressive Automated Lubrication System enhances productive and safe operation of your equipment by significantly reducing wear, extending maintenance intervals, and reducing downtime of your equipment. Critical components such as automatic brake adjusters, clevis pins, spring hangers on highway equipment, lift cylinders, ring gears, and boom and stick pins on heavy equipment receive continuous lubrication. This system can be installed in various applications ranging from tractors and trailers in the transport sector to skid steers, wheel loaders and excavators in the construction and mining sectors. The Modular Progressive pump is an excellent choice as a replacement pump for all competitive brands.

## Electronics

The Modular Progressive pump features an integrated and potted timer that is rated IP68 and standardized deutsch connections. Environmental conditions such as moisture, condensation, or corrosive liquids will have no effect on the pump's internal electronics. The pump's timer is fully programmable to accommodate many variables such as type of lubricant, system working environment, and equipment specifications. The LED display integrated into the front face of the pump housing indicates presence of power, cycle mode selection, and programming state, which all can easily be

operated by means of a magnet delivered with each pump.

## Capabilities

The pump can be equipped with either a 1/4" quick disconnect, a standard grease fitting or our heavy-duty inline filter which prevents contamination from particles as small as 200 Microns. The pump accepts up to 3 metering elements providing a maximum grease output of 20.7 cc/min., allowing for the optimum lubricant delivery for every situation and requirement, small and large equipment alike. With application of correct size and style of tubing, this system is capable of handling a wide range of lubricants from gear oil to EP2 grease providing unprecedented flexibility.

## Trademark Features

The pump includes a clear Makrolon® impact-resistant reservoir, Positive Inlet Pressure spring (PIP™) equipped with a stainless-steel follower plate and a bright red seal. These work in unison providing positive pressure on the pump elements for consistent EP2 grease delivery even at extreme low temperatures, self-bleeding and easy visual checking of grease level in the reservoir.

## Lubecore™ Turnkey Solution

The Lubecore™ Automated Lubrication System is installed on your equipment by trained professionals. Our expertise will guarantee that the Automated Lubrication System will meet your specific needs. We also offer on-site training for your technicians and operators, through our extensive distributor network, which will help familiarize them with the system, and ensure years of trouble free operation!



Stainless Steel Brackets



Magnetic Timer Operation



Potted Electronics



Stainless Steel Elements



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## MODULAR PROGRESSIVEOUT-SPEC GUIDE

FACT	BENEFIT	Lubecore Electric Progressive	Beka Max	GV Twin	Lincoln Quicklub 203	
<b>Positive Inlet Pressure Top Spring</b>	<ul style="list-style-type: none"> <li>Consistent EP-2 grease delivery even at extreme low temperatures</li> <li>Automatic self-bleeding</li> </ul>	✓	✗	✗	✗	
<b>Stainless Steel Follower Plate with Leak Proof Red Silicon</b>	<ul style="list-style-type: none"> <li>Clear grease level indication</li> <li>No grease funnelling or corrosion</li> <li>Protects grease from moisture &amp; dirt</li> </ul>	✓	✗	✓	✗	
<b>Makrolon® Reservoir</b>	<ul style="list-style-type: none"> <li>Breakproof - no maintenance</li> <li>Remains clear for life</li> </ul>	✓	✗	✗	✗	
<b>Automatic Low Level Shut-Off Option</b>	<ul style="list-style-type: none"> <li>Pump doesn't run empty</li> <li>Never bleed the system</li> <li>Save time and money</li> </ul>	✓	✓	✓	✗	
<b>Extruded Aluminum Pump Housing</b>	<ul style="list-style-type: none"> <li>No deformation at high temperature</li> <li>No corrosion of pump housing</li> </ul>	✓	✗	✗	✗	
<b>Grease Delivery Not Impacted by Air Ingress</b>	<ul style="list-style-type: none"> <li>Points near and far from pump receive accurate grease delivery</li> <li>Reduced bearing failure and cost</li> </ul>	✓	✗	✗	✗	
<b>Fully Submersible Potted/Sealed Timer in Pump</b>	<ul style="list-style-type: none"> <li>Timer protected from corrosion/failure</li> <li>Timer sealed from road salt &amp; brine</li> <li>Cold climate advantage</li> </ul>	✓	✗	✗	✗	
<b>Magnet Controlled Timer</b>	<ul style="list-style-type: none"> <li>Easy to program at the pump</li> <li>Simply single cycle test at the pump</li> <li>Simple continuous test at the pump</li> </ul>	✓	✗	✗	✗	
<b>Timer LED Communication</b>	<ul style="list-style-type: none"> <li>Clear signal of power &amp; ground at pump</li> <li>Ease of testing and trouble-shooting</li> </ul>	✓	✗	✗	✗	
<b>Stainless Steel Metering Valves</b>	<ul style="list-style-type: none"> <li>No corrosion of metering valves</li> <li>Low maintenance cost</li> <li>Ease of output identification</li> </ul>	✓	✗	✗	✗	
<b>Reinstallable Pump</b>	<ul style="list-style-type: none"> <li>Pump is built to outlast equipment</li> <li>Recycle by reinstalling on next unit</li> <li>Reduced environmental impact</li> </ul>	✓	✗	✗	✗	
<b>Heavy Duty Deutsch® Electrical Connections</b>	<ul style="list-style-type: none"> <li>Wire connections protected from environment - road salt &amp; brine</li> <li>Reduced maintenance</li> </ul>	✓	✗	✗	✗	
<b>Modular Pump Design</b>	<ul style="list-style-type: none"> <li>Easy pump maintenance</li> <li>Simple parts replacement and repair – less labour cost in repair</li> </ul>	✓	✗	✗	✗	
<b>Progressive System Design</b>	<ul style="list-style-type: none"> <li>Can be manually greased in the event of a failure</li> </ul>	✓	✓	✗	✓	
<b>Korilla Line Option</b>	<ul style="list-style-type: none"> <li>Extreme duty flex hose</li> <li>No broken line maintenance required guaranteed</li> </ul>	✓	✗	✗	✗	