



G. P. Reeves Inc.
 12764 Greenly Street
 Holland, MI 49424 USA

**Serving
 industry since
 1971**

AAPGD **Advanced Air Purge Grease Dispenser**

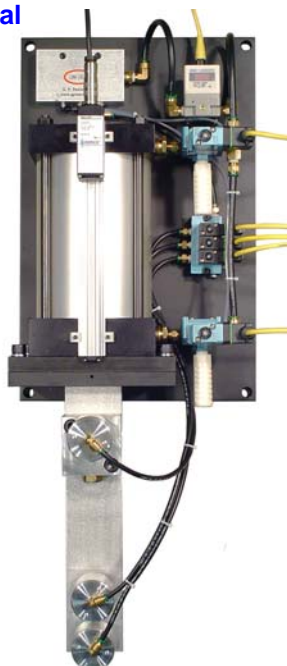
Today's zero defect standards call for reliable, accurate, and repeatable grease dispensing

How G. P. Reeves accomplishes this requirement for grease dispensing excellence

- | | | |
|-----------|---|---|
| 1. | Remove trapped air from grease | On April 25, 2000, United States Patent 6,053,285 for a device that removes trapped air from grease was issued to Gordon P. Reeves and assigned exclusively to G. P. Reeves Inc. For patent details, click here http://www.gpreeves.com/cat/cat-patentedairdetect1.pdf |
| 2. | Dispense with piston and cylinder | G. P. Reeves uses the same positive displacement piston and cylinder that detects and removes air from grease to confirm and dispense airless grease. For details about positive displacement dispensing, click here: http://www.gpreeves.com/twotypes.html |
| 3. | Control dispenser piston velocity and position | A PLC with analog inputs and outputs accurately controls dispenser piston movement to perfectly dispense the programmed amount of grease at the programmed flow rate. System is "closed loop" and self correcting. Precise volumes of grease can be dispensed evenly to correspond with linear and rotary motions. |

AAPGD grease dispensers automatically remove trapped air from grease and also electronically control grease amount and flow rate

Photo of typical AAPGD



PLC (not shown) can be supplied by G. P. Reeves or customer

Many different size and configuration AAPGD's are available

AAPGD dispensers exceed the expectations of Six Sigma, ISO 9000, QS 9000, TQM, and Kaizen

For information about process capability (CP and CPK) click here: <http://www.gpreeves.com/cat/cat-cpk.pdf>

Electronically controlled grease flow rates can instantly change to match robot travel or machine motions

Programmed multiple sequential dispense segments are possible.

Grease flow can also be confirmed with our electronic pressure sensor. For more information, click here: <http://www.gpreeves.com/cat/cat-pressureflowconf.pdf>

For more information about our equipment for dispensing grease onto production parts, please visit our web site at <http://gpreeves.com> or contact us at 888-399-8893