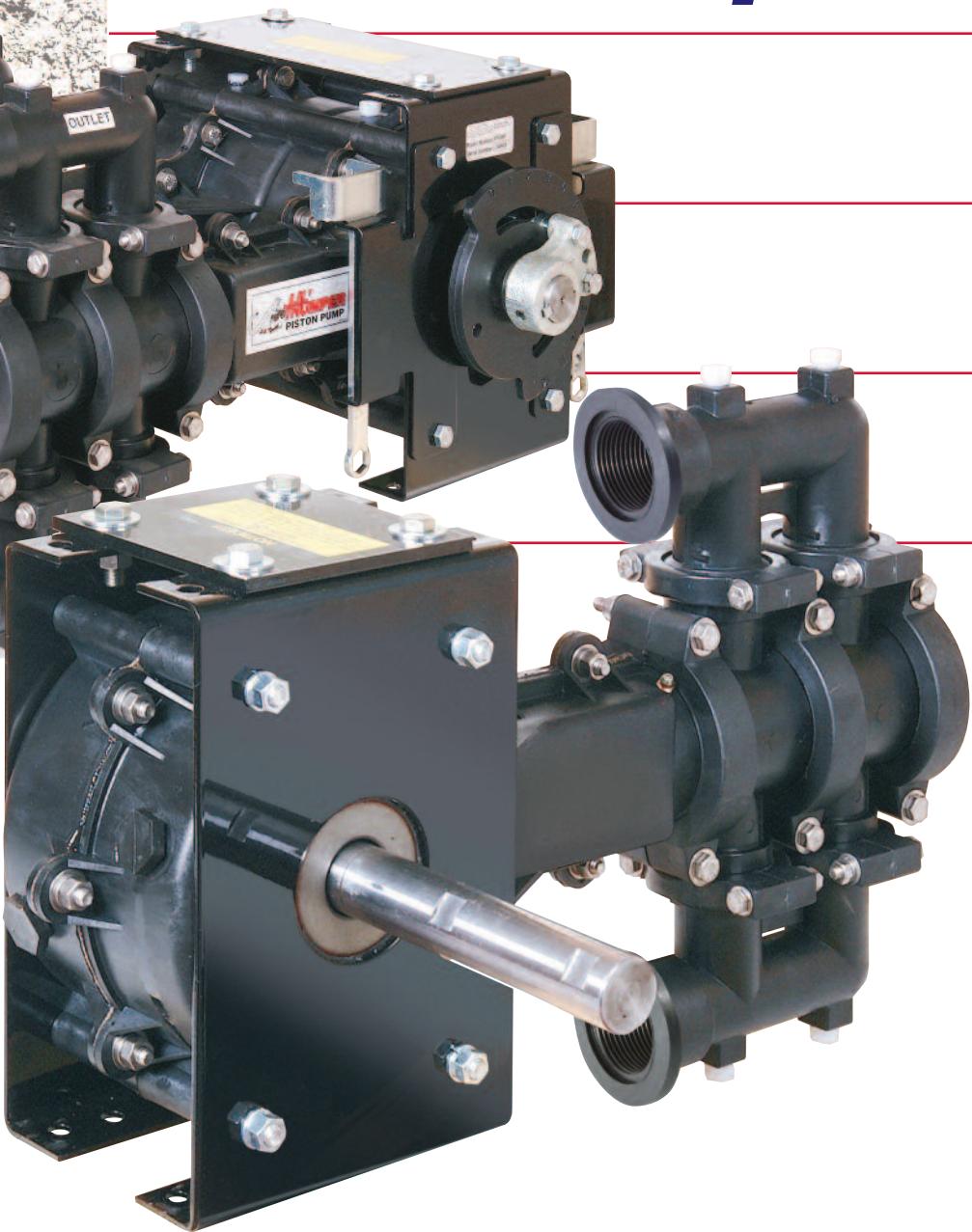


The Demco logo is positioned in the upper right corner. It features the word "Demco" in a bold, red, stylized font with a white outline. A red swoosh graphic is positioned above the letter "e".A large, high-contrast image of wood chips and debris is visible in the background on the left side of the page.

## *Lil' Thumper* **Piston Pump**



*Precision  
application  
without  
electronic  
monitor  
systems*



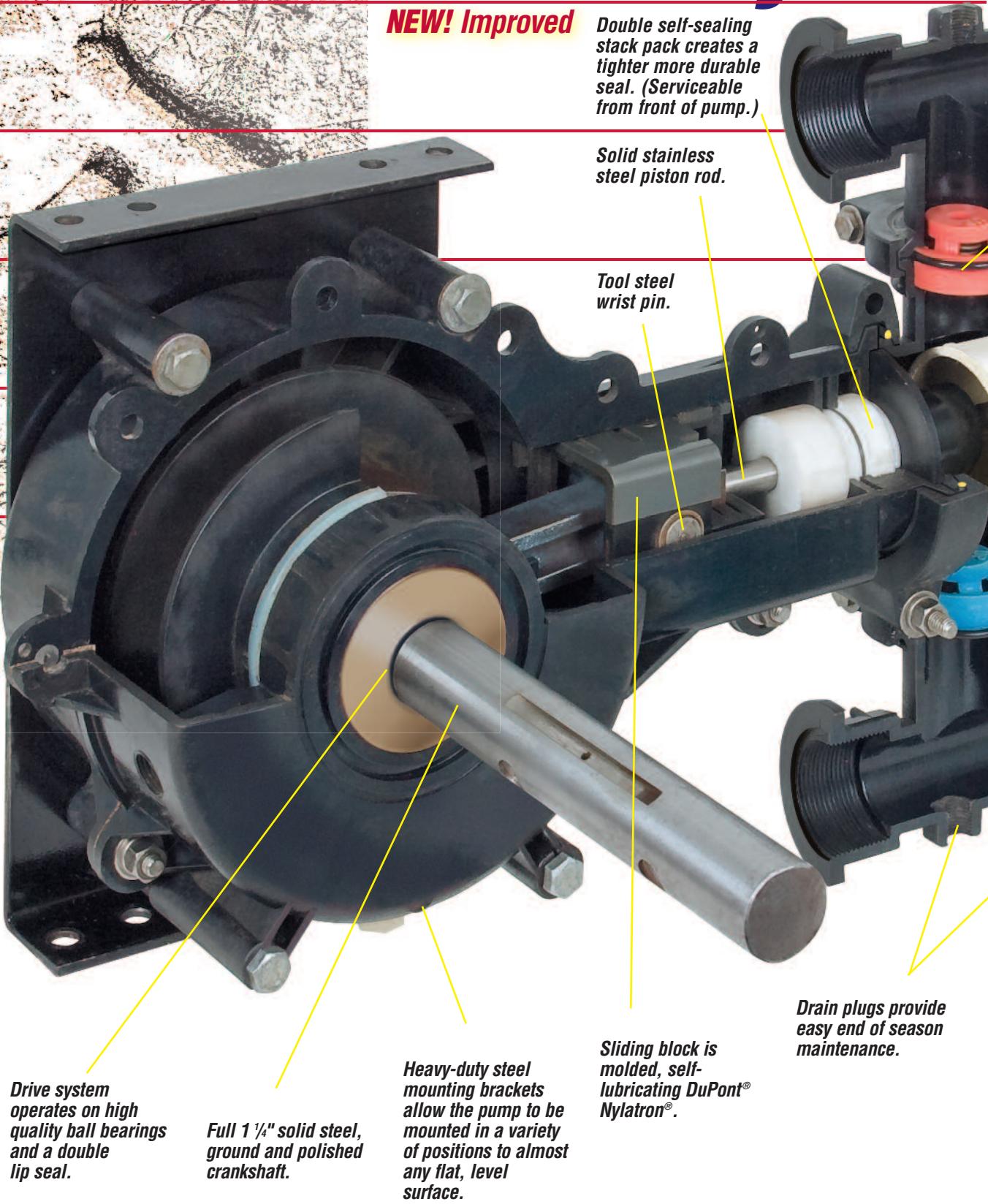
Doing Our Best To Provide You The Best



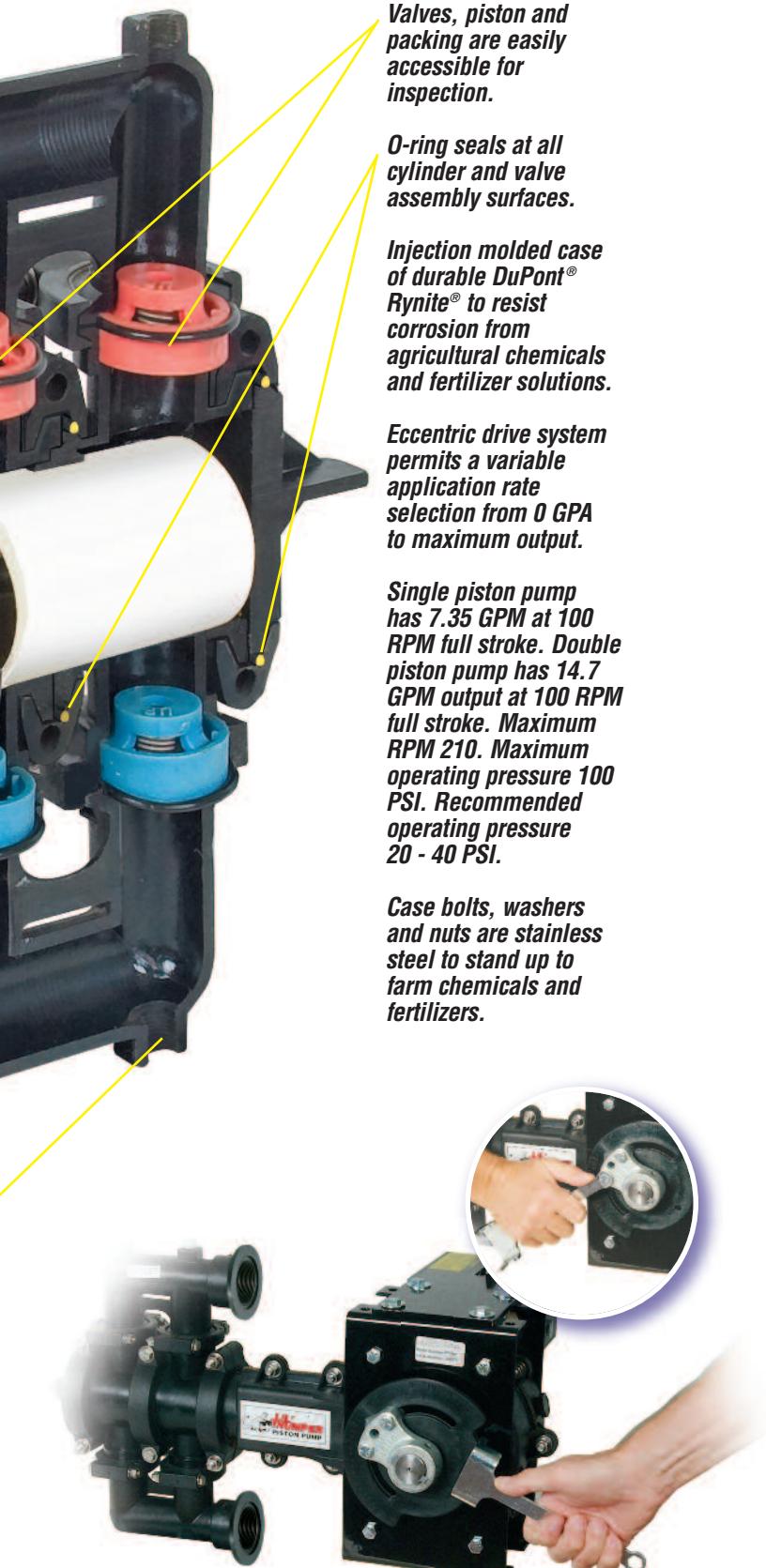
Why is the Lil' Thumper so reliable?

# The Inside Story....

**NEW! Improved**



# Only Lil' Thumper offers these Features:



Valves, piston and packing are easily accessible for inspection.

O-ring seals at all cylinder and valve assembly surfaces.

Injection molded case of durable DuPont® Rynite® to resist corrosion from agricultural chemicals and fertilizer solutions.

Eccentric drive system permits a variable application rate selection from 0 GPA to maximum output.

Single piston pump has 7.35 GPM at 100 RPM full stroke. Double piston pump has 14.7 GPM output at 100 RPM full stroke. Maximum RPM 210. Maximum operating pressure 100 PSI. Recommended operating pressure 20 - 40 PSI.

Case bolts, washers and nuts are stainless steel to stand up to farm chemicals and fertilizers.

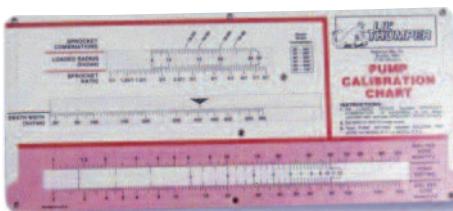
- Reinforced plastic and stainless steel cage-type valves virtually eliminate sticking and leaking and are easily serviced.
- The Lil' Thumper piston pumps can be mounted on most trailer sprayers and are adaptable to other application equipment.
- Ground drive wheel assures accurate rate of application regardless of speed. Rate is easily set by dial pointer.
- All working parts in contact with solution are various types of reinforced synthetic material and stainless steel for unequalled corrosion resistance and years of service.
- Two self-tightening stack-packing glands and drive case seal, with drain between, give excellent crankcase protection.
- Pump can be run clockwise or counter-clockwise for easy mounting and operation.

## LIL' THUMPER PISTON PUMPS MAXIMUM APPLICATION CAPACITIES

Swath	Gallons Per Acre	
	PP1	PP2
15 ft.	0 - 78	0 - 156
20 ft.	0 - 58	0 - 116
25 ft.	0 - 47	0 - 94
30 ft.	0 - 39	0 - 78
35 ft.	0 - 33.5	0 - 67
40 ft.	0 - 29	0 - 58
45 ft.	0 - 26	0 - 52
50 ft.	0 - 23.5	0 - 47
60 ft.	0 - 18.5	0 - 37

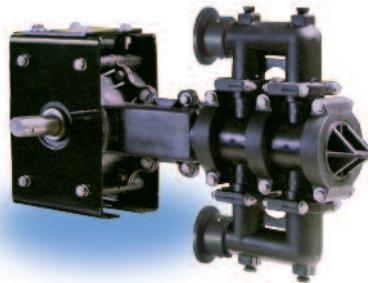
Based on a tire size with 15" loaded radius and 2:1 ratio.

To increase volume, increase sprocket ratio



Number to be set on dial pointer for desired rate per acre is easily determined by the "Lil' Thumper" slide rule.

Rate per acre is easily set by positioning dial pointer to designated number with special wrench.

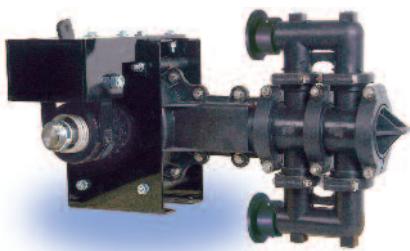


## *Options*

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### **1 1/4" Diameter Solid Shaft**

Without clutch control or shut-off.



### **Manual Shutoff**

With clutch control less shut-off.



### **Manual Shutoff**

Rope throw-out clutch control for engaging and disengaging the pump.

**Demco**

P.O. Box 189 • 4010 320th Street • Boyden, Iowa 51234  
(712)725-2311 • 1-800-543-3626 • FAX: (712)725-2380

View all Demco products on the web at: [www.demco-products.com](http://www.demco-products.com)