

The advertisement features a background image of a large tree stump being pulled out of the ground, with roots and soil visible. In the foreground, three black industrial piston pumps are displayed. The top pump is a compact unit with multiple ports and a label that reads 'Lil' Thumper PISTON PUMP'. The bottom-left pump is a larger, more complex unit with a prominent horizontal shaft. The bottom-right pump is another compact unit with a different port configuration. The Demco logo is in the top right, and the product name is in large, stylized text. A quote and an ISO 9001 certification logo are on the left, and a slogan is at the bottom.

# *Demco*

## *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?*

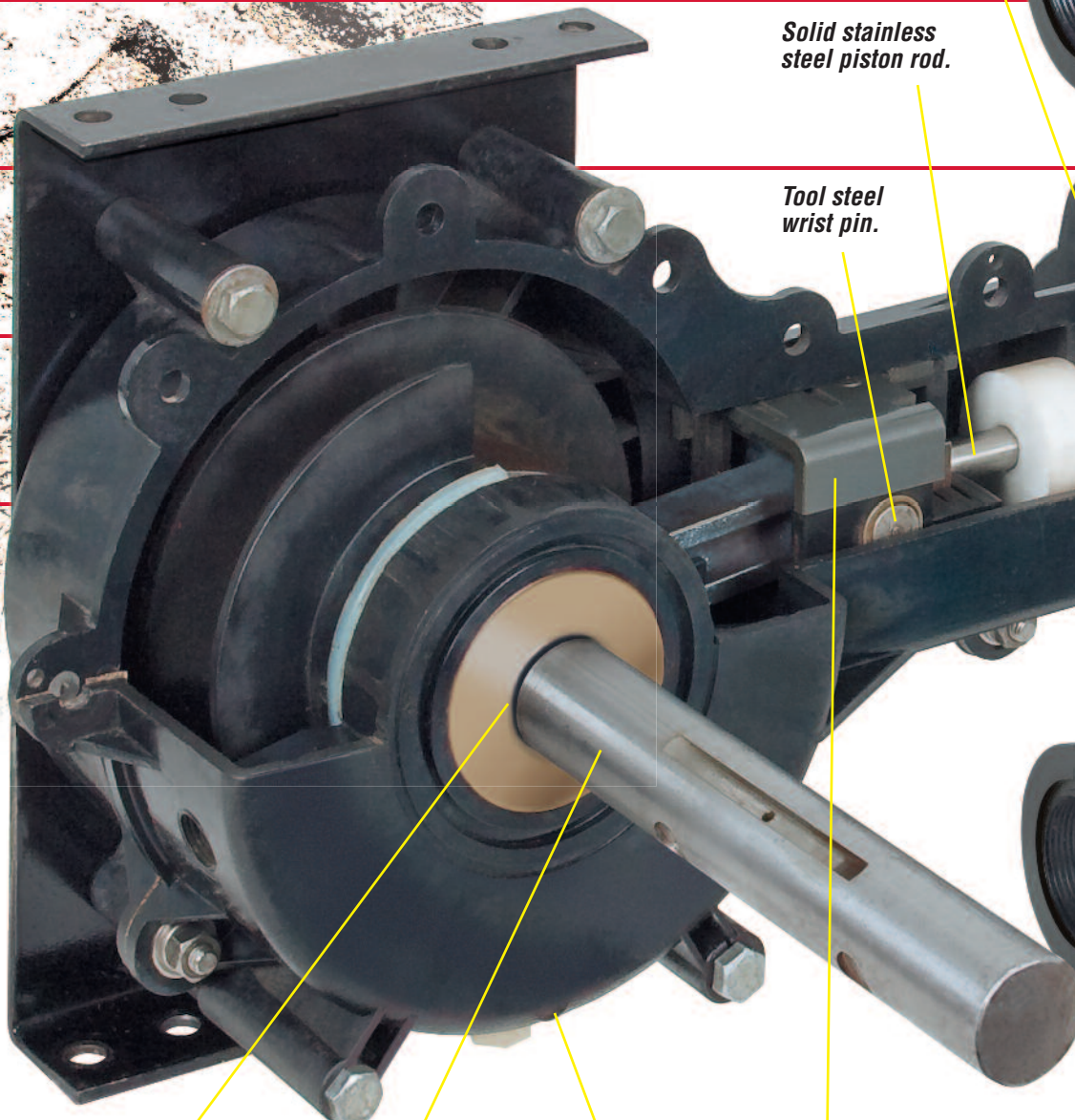
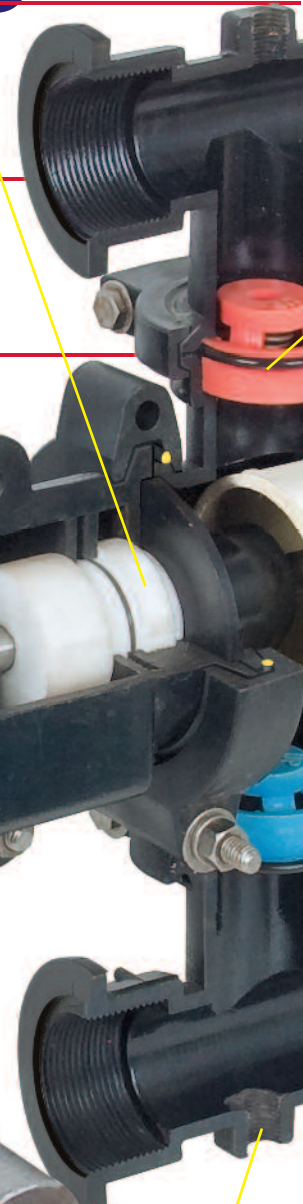
# ***The Inside Story...***

**NEW! Improved**

Double self-sealing stack pack creates a tighter more durable seal. (Serviceable from front of pump.)

Solid stainless steel piston rod.

Tool steel wrist pin.



Drive system operates on high quality ball bearings and a double lip seal.

Full 1 1/4" solid steel, ground and polished crankshaft.

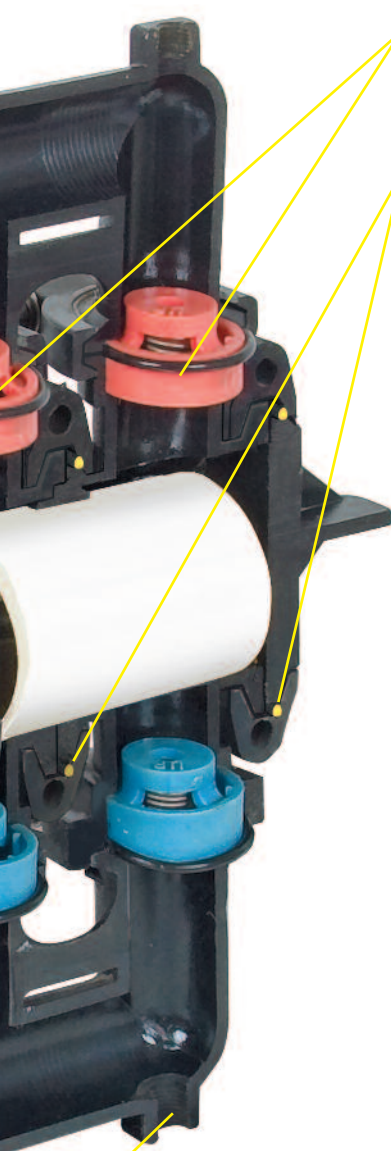
Heavy-duty steel mounting brackets allow the pump to be mounted in a variety of positions to almost any flat, level surface.

Sliding block is molded, self-lubricating DuPont® Nylatron®.

Drain plugs provide easy end of season maintenance.



# 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.**

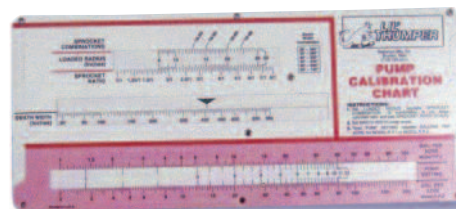
- ✓ **Reinforced plastic and stainless steel cage-type valves virtually eliminate sticking and leaking and are easily serviced.**
- ✓ **The Lil' Thumper piston pumps can be mounted on most trailer sprayers and are adaptable to other application equipment.**
- ✓ **Ground drive wheel assures accurate rate 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

Gallons Per Acre		
Swath	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.

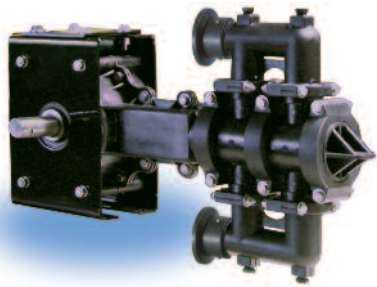
To increase volume, increase sprocket ratio



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.

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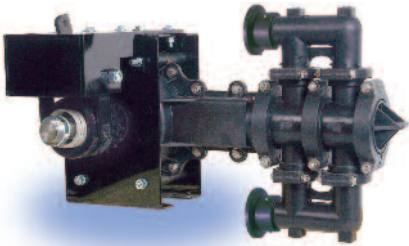


## *Options*

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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.



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