



Message from Mr. L&B

2006 has become an exciting year for Layne / Verti-Line as we work to get our name back in the minds of engineers and end users. Many of you have already seen our new Engineering Manual, however that's only the beginning. A new version of H2Optimize for the vertical turbines will soon be released. In addition, we have just launched our new website which will provide a wide variety of information online. And if that wasn't enough, we're introducing a newsletter to keep you informed of our developments here at the factory. Our goal is to provide the support you need to capture a greater share of the vertical turbine pump market.

Upcoming Events

Layne / Verti-Line will share a booth with Aurora Pump at the 2006 WEFTEC trade show. Our location will be in Exhibit Hall A, booth number 1531. If you are attending the show, please stop by and visit with our factory representatives.

Oct 22nd – 25th WEFTEC
Dallas Convention Center
Dallas, TX

New Engineering Manual

When customers inquire about copies of the old 1981 "Layne Engineering Manual", you can now hand them a shiny new 2006 Layne / Verti-Line Engineering Manual.

Special Features:

- Application and Reference Data
- Performance Curves
- Technical Data
- Typical Specifications
- Cutsheets
- Setting Plans



This manual is the basis for the new H2Optimize coming soon. Engineers will be able to make selections, view curves, setting plans, and technical data without having to open the hard copy manual.

The new manual can also be viewed and downloaded from our new website under "Literature". No matter where you're at across the country, the manual is only a couple mouse clicks away. See the following "New Website" article for more information.

New Layne / Verti-Line Website!

In July, we celebrated the launch of our new website dedicated to Layne / Verti-Line. As the site expands, viewers ranging from distributors to engineers to end users will begin to find a wide variety of useful information. Key sections are **Distributors Only**, **Software**, and **Literature**.

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The **Distributors Only** section contains typical specifications that can guide engineers in specifying the correct pump for the job. Also found is the electronic vertical turbine pricing program, which allows distributors to quote any "price book" vertical turbine. Setting plans are generated specific to each application. Complete priced estimate sheets generated from the program can be emailed directly to our Order Entry Department. Orders submitted using this program greatly reduce time to manufacturing.

The **Software** section will soon contain H2Optimize, which can be both accessed online or downloaded. Size and compare pump models, analyze against system curves, and evaluate variable speed performance. Pump selection has never been easier.

Probably the most helpful information may be found in the **Literature** section. Current publications including the Series 1100 Vertical Turbine bulletin, Operation & Maintenance manuals for 6" thru 21" pumps,

and the new Layne / Verti-Line Engineering Manual can all be downloaded.

This section is not just for current pump models, however. In response to numerous requests for parts breakdowns for existing units, we've created links dedicated to the older construction. Customers with old Layne & Bowler or Verti-Line pumps may download cutsheets, illustrations and O&M manuals. Any of these online documents may be viewed using the left-click mouse button. For faster download, right-click and save the documents directly to any computer hard drive! Having such data readily available to customers will aid in developing RFQ's for pump parts and rebuild work.

We still have much to add to the website, so stay tuned for updates.

The website can be accessed by the following links:

<http://www.laynevertiline.com>
<http://www.vertiline.com>
<http://laynebowler.com>
<http://lvpump.com>



For over 100 years the Layne/Verti-Line Pump company has manufactured and distributed vertical turbine pumps for the Industrial Process, Agricultural, Utility, Petroleum, Petro-Chemical, Municipal Water Supply and Water Treatment markets. As one of the leaders in the industry, we are constantly improving our designs to satisfy the changing market requirements.

Layne/Verti-Line vertical turbine pumps are designed primarily for heavy duty, continuous operation in municipal and industrial applications.

For a trouble-free pump with an extra-long life, contact us today!



Member of *Hydraulic*

Certificate 006845
ISO 9001:2000

Layne / Verti-Line Staff

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Technical Q&A

Have a question about vertical turbines? Let us know and we'll publish it in our newsletter along with the answer!

Question: Are mixed flow and propeller pumps still available?

Answer: Yes, all of the original Verti-Line design props and mix flows are still available. In addition, new designs are available which have increased our total hydraulic coverage. If you encounter an application that requires a mixed flow or propeller pump, don't hesitate to contact the factory for review.

Call For Pictures

We'd like to highlight various pump stations around the country. If you have pictures of a Layne / Verti-Line pump that you've serviced, please send them in to us. We're looking for any application – well pumps, cooling towers, river pumps, fire pumps, storm water, canned boosters, or ??? Include a brief description of the pump, service, and location. Then watch future newsletters to see your pump highlighted!

Welcome to the Plant



Layne / Verti-Line manufacturing is based at the Pentair Water facility in Kansas City, KS. This facility was built in 1953 manufacturing Fairbanks Morse Pumps. For over 50 years, the plant has been the cornerstone for Fairbanks Morse Pumps. With the introduction of Layne / Verti-Line in 1998, the plant changed its primary focus from horizontal split case pumps to vertical turbines. With the addition of CNC machines, additional test sumps, and quick ship turbine assembly area, production capacity has increased at the Kansas City Plant. As our new Engineering Manual states: "Serving the World - Yesterday, Today, and **Tomorrow**."

Snapshot in History



This early 1950's picture is of the Layne & Bowler Verti-Line manufacturing plant when they were located in Los Angeles, California.