



# JOLINE



135 Years of Tradition, History & Quality Manufacturing

## American-Marsh "Neptune" Booster Systems

American-Marsh Pumps has been working on a booster system design for the last 6 to 8 months. This product line was developed due to an ever increasing demand from the field. Our newest product offering is the 1000 Series "Neptune" Booster System.

The "Neptune" booster system will utilize at its heart the 310 Series REI and 470 Series VM product lines. Both of these product lines feature inline piping orientations and allow for a clean system layout. These products also allow for one of the most diverse hydraulic offerings in our industry

with flows out to over 9,000 GPM and heads through nearly 900 Feet.

Each "Neptune" system will feature full controls with many options including touch screen panels and variable frequency drives. In theory other pump types would be offered including the 340 Series HD, 380 Series HH, HK & OSMH and 480 Series VT product lines.

One of the unique features of the "Neptune" system is how it is assembled. Each system features fittings and couplings from our CPS division which allow for un-

precedented assembly times. No welding is required on our system saving valuable assembly time and, more importantly, money. All systems will be performance tested after assembly to ensure proper pump operation.

The final version of the "Neptune" system is in our test lab for final approval. We are hopeful that the product will be available in the fourth quarter 2010. Future **PIPELINE** issues will focus on more of the features of the skid system including the controls and options, the unique CPS modular link system and available skid options.

## Project Focus City of Lancaster, California



sized for 6,940 GPM @ 327 Feet, 84% efficient and rotated at 1180 RPM. All pumps had Scotchkote 134 applied to interior and exterior surfaces. All eight pumps also featured fabricated discharge heads sized for seismic requirements for the state of California.

All eight pumps were witnessed tested in our \$4.2M test facility. Each pump was tested with the Siemens drives and panels that were to be used at the job site. The 750 HP units feature 4160 volt motors and special requirements for testing were included in the schedule for safety reasons.

American-Marsh recently finished up a \$1.2M project for the City of Lancaster, California for eight large vertical turbines. The project consisted of four 18HH single stage 250 HP turbines. Each of these pumps were sized for 6,940 GPM @ 109 Feet, 83% efficient and rotated at 1750 RPM. The project also included four 24HC five stage 750 HP turbines. Each of these pumps were

[www.american-marsh.com](http://www.american-marsh.com)

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Second Quarter

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April - June 2010



At American-Marsh, we are proud of the loyalty of our customers. Many have been with us for more than a century. We thank you for your interest in our products and invite you to join our long list of satisfied customers.

**PIPELINE** is a quarterly publication for our distributors and representatives. Its mission is to provide useful product information and company communication. We welcome your comments and suggestions.

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# PIPELINE

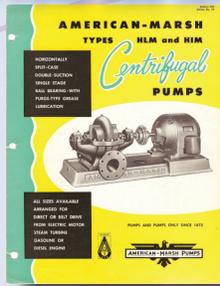


## From the Archive - HL Split Case Pumps

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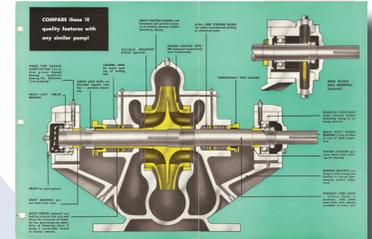
was offered in a 1-1/2 inch through 14 inch discharge size with flows to nearly 10,000 GPM.

The HL product line featured high efficiency impellers, purge grease lubrication and shaft sleeve construction. One option offered was the deduction of the shaft sleeves and addition of impeller lock nuts. The HL product line featured casted

integral bearing arms, still standard in the industry today, but forced the user to completely disassemble the pump to get to either bearing housing assembly. The newer HD product line allows for complete inspection and bearing replacement, if necessary, without the total disassembly of the rotor assembly.

The HL product line also had casted integral packing

housings which were not replaceable. The newer HD product line also has removable and replaceable packing housings allowing for better service life in the field.



The HL double suction split case product line was the standard split case for American-Marsh until Y2001. The HL split case

## American-Marsh Focuses on New Submersible Product Line

American-Marsh has offered submersible turbine pumps for nearly 30 years. In order to make them more marketable for larger volume distributors we have refocused our efforts on this very important product line.

American-Marsh has just released brand new "family" performance curves that detail hydraulic performance for pump bowls from a 5 inch diameter

all the way out through 11 inch bowl diameters. This hydraulic offering is very complete and offers our distributors many options when considering a bowl program. One of the biggest advantages is that the intermediate bowl assemblies and impellers are completely interchangeable between the lineshaft and submersible product lines.

Our submersible turbine

pumps also feature high efficiency, 304 stainless steel, Francis vane impellers, vitreous enamel lined bowl assemblies, bronze bowl bearings, one piece, contoured suction brackets keeping abrasives out of the suction bearing and upgraded upthrust protection in the discharge case.

The submersible product line is hydraulic complete and competitively priced. Call us today for more details.



## Upcoming Events Training Schools & Trade Shows

Training schools and trade shows allow American-Marsh Pumps some of the most efficient means of educating our distributors. To allow for intensive distributor training, American-Marsh offers a training school every six to eight weeks. These training schools cover product features and benefits, competition, market

overview, catalog familiarity, AMPNET and *Water Works* software operation.

### Training School Schedule 2010 Schedule

#### ● Newly Updated!!

September 1-2, 2010  
November 3-4, 2010

To cover specific markets and allow end user interaction with our products, American-Marsh Pumps participates in several market specific trade shows. These trade shows cover the agricultural, commercial, municipal, industrial, mining and government markets.

### Trade Show Schedule

South Atlantic Jubilee  
2010

August 1 - August 2, 2010  
Myrtle Beach, SC, USA

WEFTEC 2010

October 4 - October 6, 2010  
New Orleans, LA, USA

Beijing Fire Expo 2010

October 13 - October 15, 2010  
Beijing, China

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## Product Line Highlights

### Series 380 - Newly Designed Horizontal Turbine

American-Marsh has recently redesigned the HT product line to include many new features making the product line more durable and more specifiable. The new features include:

- Fully casted suction chamber out of class 30 cast iron.
- A brand new bearing housing assembly borrowed from the OSMH product line that features a duplex

angular contact bearing with ring oiled lubrication and water jacketed construction.

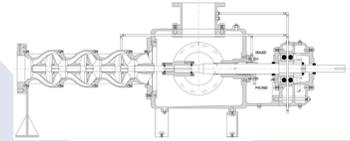
- The new bearing housing design allows for axial thrusts up to 25,000 pounds, approximately 2.5 times higher than the previous design.
- Newly redesigned packing housing/seal chamber easily allowing the use of packing,

component seal or cartridge seal.

- Ductile iron bearing stages which connect the bowl assembly to the newly designed suction chamber.

This new design will allow for higher pressure applications in the municipal, commercial and industrial markets. This new design also greatly increases the hydraulic coverage of this product line.

The new HT product line is in the final approval phases here at American-Marsh. The unit is currently being tested and should be approved by the beginning of the third quarter.



380 Series HT Product Line

## American-Marsh Golf Outing

American-Marsh had their golf outing for 2010 on Saturday, May 15. We had a great showing and had about 30 people show up for our event. The golf outing was held at North Creek golf club located in Southaven, MS.

Shane Wright and Brad Clay coordinated the event and worked with several of our vendors to

offer a wide variety of gifts and prizes. They did a great job in organizing and coordinating the event. We had two flights for prizes and the winners are listed below:

First Flight - First Place  
Mark Parks, Gary Brandon

First Flight - Second Place  
Chris Allen, Eddie Anderson

Second Flight - First Place  
Tim Pruitt, Shane Wright

Second Flight - Second Place  
Harley Thordson, Gary Gaurdilo

Closest to the Pin  
Michael John Florio



Everyone had a great time and we hope to have another successful event next year.

## On The Web

### "Distributor Login Area"

### -480 Series Pumps-

#### DISTRIBUTOR LOGIN

The AMPNET portion of our Distributor Login has been very well received and is an enormous time saving tool.

The newest addition to the AMPNET area is the 480 series product line. The 480 vertical turbine is arguably the most complex product line we offer today. We have attempted to make the pricing of this

product line very simple and straight forward in AMPNET. We have broken the pump up into three sections; bowl assembly, column assembly and discharge head assemblies. These three sections are laid out very easily and should make the pricing of this product line much easier.

Stay in touch for more additions to AMPNET.

[http://www.american-marsh.com/distributor\\_access/distributor\\_login.php](http://www.american-marsh.com/distributor_access/distributor_login.php)

**AMP NET**  
ONLINE PRICING

ENGINEERED PROCESS GROUP  
WATER SYSTEMS GROUP

AMERICAN-MARSH PUMPS  
130 Years of Tradition, History, and Quality Manufacturing

NAVIGATE

AMERICAN-MARSH PUMPS  
REPUTATION FOR DURABILITY AND DURABILITY

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**DISTRIBUTOR LOGIN AREA**  
Welcome to your Distributor Login Area. Please make your selection below.

**AMP NET**  
WATER SYSTEMS

Pump Pricing	Parts Pricing	Parts Search	Leadtimes
<b>Marketing Information</b>			
Trademark Use Guidelines	Digital Hi-Res Logos	Product Digital Photographs	Product Posters
Presentations Installation Lists			
<b>Pricing Information</b>			
Pump Pricing	Order Cancellation Matrix	Log Out	

REPUTATION FOR DURABILITY BY DESIGN EDUCATE

At American-Marsh, we are proud of the quality of our customers. Many have been with us for almost three decades. We guarantee your interest in our products and service you'll find our being top of satisfied customers.

# PIPELINE

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American-Marsh Pumps, one of the oldest pump lines in America, are pump products steeped in heritage. Since 1873, the American-Marsh line of pumps have withstood the test of time. Over the last 135 years, over 100 varieties of pumps have been designed and built. From steam pumps to centrifugal pumps, American-Marsh pumps have been built to meet the ever changing requirements of society. Over the last century, through continuous product development, more American-Marsh models have been retired than most other pump manufacturers have ever produced. Hundreds of thousands of pumps have been built, all designed with long life in mind, allowing many of them to last over 50 years in service.

Today, look to us for the complete offering of American-Marsh Pumps, consisting of 18 product lines to serve your every need. Whether your need

is a self-priming diaphragm pump, a stainless steel vertical sump pump, or anything in between, American-Marsh Pumps will provide you with a durable, hi-quality solution.

*Build* a world class quality product, and back it with knowledgeable customer service staff just as experienced and proven as our pumps.

*Take* a specialized product, and provide a simple process to obtain the information and delivery you require. Our heritage of quality pumps goes back to 1873 and continues today, emphasizing durability in the design and construc-

tion of every pump we make. American Marsh Pumps, an American tradition since 1873.

Our entire product family reflects years of customer input, product upgrades, redesign and new product development...all focused on meeting and exceeding our customers expectations. For over 135 years, the American-Marsh Pump designs have proven their durability by withstanding the test of time. Our commitment to customer service and satisfaction will ensure that the American-Marsh Pumps Product line will be around for the next 135 years.



The original American-Marsh facility located in Battle Creek, Michigan, USA (Photo taken around 1950).

Engineered Process Group

## American-Marsh Pumps

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