



AMERICAN-MARSH PUMPS

"DURABILITY BY DESIGN SINCE 1873"

135 Years of Tradition, History & Quality Manufacturing

The Next Step In Growth



International Group

With aggressive growth comes aggressive change. American-Marsh is no longer that small, out-of-the-way manufacturer of long ago. The last several years have allowed for explosive growth and renewed prosperity. We have made many changes internally and externally and these changes will continue through 2008.

One of the largest areas for renewed growth is the international market. The dollar is at an all time low and North American manufacturing has once again

become competitive on a global basis.

With this renewed marketing comes a focus on these international markets. American-Marsh will participate in trade shows in Chile, China, the Netherlands, Germany and the United Arab Emirates. These countries are currently going through explosive expansion and the timing is right to concentrate on them.

The international markets we are currently focusing on include mining, central cooling, municipal, fire protection and general industrial. In each of these markets the 300 Series End Suction, 340 Series Split Case, 460 Series ANSI & 480 Series Vertical Turbine

are pumps are flagship offerings. There are very few other large centrifugal pump manufacturers that have the product available we have. When you also consider customer responsiveness and reduced lead-times, American-Marsh stands in a field of their own.

In addition to the marketing focus we have also reorganized our resources for our international department. We added two additional outside salesman, one in Egypt and one in Ecuador. Two additional inside applications engineers and an export documentation person has also been added to increase our level of customer service. We will continue to keep our eye on the expanding and dynamic international markets.



Carotek has been extremely successful in the past couple of years with the American-Marsh product line due to their diversity in personnel and experience in the municipal markets. Congratulations to Carotek on a job well done!!



Large Project Focus Hilton Head PBLC SVC District

American-Marsh Pumps was recently awarded a large municipal project for Hilton Head, South Carolina. Carotek, the American-Marsh municipal distributor for the Carolinas, was successful in obtaining the project. Larry Miller of Carotek was instrumental in specifying and eventually securing the project.

The product supplied includes three, Series 480 deep set vertical turbines constructed of all 316 stainless steel. These pumps are

13MC, 5 stage assemblies set at 200 foot. Each of the pumps also features enclosed line shaft as specified. The depth of the pumps and the proximity to the ocean were the main reasons why the optional material was required. These pumps are responsible for supplying potable water to the city and should last for years to come. The diversity of the American-Marsh vertical turbine product line ensures hydraulic and metallurgical coverage for a variety of applications.



www.american-marsh.com

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First Quarter

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January - March 2008

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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From the Archive - RMVR Vertical End Suction Pumps

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The RMVR was one of the first vertical flex- and vertical close-coupled end suction pumps that was manufactured by American-Marsh Pumps. These pumps were used in applications where a pool of fluid was present at the site. These pumps were used in a variety of applications including municipal, industrial and storm water dewatering.

The RMVR product line

utilized the fluid end from the standard end suction product line and could be coupled in a flexible or close-coupled orientation. The pumps were constructed out of standard materials (all cast iron) but could also be supplied in a variety of other materials, including a variety of stainless steels.

On certain applications, the close-coupled version could also be supplied

with an integral basin (as seen below). The RMVR product line was replaced by two newer product lines and has eventually been replaced by the 320 Series vertical sump product line.



Distributor/Representative Focus Jengan EST, United Arab Emirates

www.jengan.com



Located in one of the largest and fastest growing markets on the planet, Jengan has established themselves as one of the pump leaders in the United Arab Emirates. Jengan specializes in projects that are central

cooling in nature. These projects typically include vast quantities of large split case product.

Jengan has already been awarded 8 different American-Marsh projects for Y2008 that total nearly \$3M USD. These projects include the high profile Dubai Metro project, the newest mass transit system currently being built in Dubai, UAE.

Jengan has nearly 20 outside salesman that cover the entire United Arab Emirates. They have offices in Dubai, Abu Dabi and Fujayrah. Jengan has the ability to sell individual pumps to offering a complete packaged system. They have a full control panel shop and a vast inventory to react to customer requests.

American-Marsh and

Jengan are currently working on additional projects that are as large and larger than what has already been awarded. We are hopeful that Jengan will continue to be successful in this very diverse and dynamic market.

We welcome Jengan to the American-Marsh family.

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 intense, 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 and *Water Works* software operation.

Training School Schedule

AMP101

NEWLY REVISED

July 19-20, 2008
August 14-15, 2008
October 9-10, 2008

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

IFAT 2008
May 5 - May 9, 2008
New Munich Trade Fair
Centre
Munich, Germany

NFPA
June 2 - June 5, 2008
Mandalay Bay Convention
Center
Las Vegas, NV

Product Line Highlights Series 380 - HK Multistage HSC

American-Marsh Pumps has always been known for their high pressure, boiler feed multistage pumps. The HK two-stage split case product line is a heavy duty, multistage boiler feed pump that has nearly no equal.

The Series 380 HK pump is specifically designed for high temperature & high pressure service. The HK product features:

- Heavy wall cast iron

casings with 400 # suction and 400 # discharge flanges

- Each of the seal chambers and each of the bearing housings feature cooling jackets for use in applications above 500 degrees F.
- Ring oiled lubricated double row inboard and double row out-board bearing design

- Tongue and groove casing fits on all case wear rings, stage pieces and throat bushings.

The 380 series of products feature one of the most complete non-API high pressure & high temperature offerings available in the industry. American-Marsh Pumps has offered this product for nearly 50 years and have a proven track record for durability

and dependability.



Series 380 - HK Multistage HSC

New Hires & Moves

We continue to grow and add resources in order to better serve our customers. American-Marsh has added three new outside salesmen in order to focus on our outside North American territories.

John Herbert, Northeast Regional Manager, comes to us from another

industry. He is a degreed engineer and possesses the drive we are looking for in a technical outside salesman.

Jim Vester, North Central Regional Manager, also comes to us from another industry. Jim is very organized and in his short time here has learned a great deal about our products

and the industry.

Van Johnson, Northwest Regional Manager, comes to us with nearly 30 years of pump experience. Van recently left Goulds to join our team and is a great asset to our North American operations. Van will be instrumental in setting up our sub-distributor groups nationwide. He has

a diversity of experience in nearly all of the products currently manufactured by American-Marsh Pumps.

Please take a moment and help me welcome these new individuals to American-Marsh Pumps. All should be valuable assets to our future growth.

On The Web "Product Bulletin"

American-Marsh manufactures thousands of different models of product and each of these have a Product Bulletin that includes several important pieces of information. Each Product Bulletin includes a description of materials of construction, complete specifications and a complete cutaway view to allow for an easy reference for identification of parts.

The Product Bulletin is

www.american-marsh.com

located on each of the product pages and can easily be navigated to. These bulletins can be printed, saved or emailed for quick

submission. The Product Bulletins compliment the 4 Color Brochures and Engineering Information already located on the website. Together, all of these documents allow for quick, accurate and complete submission of information.

AMERICAN-MARSH PUMPS

Applications

American-Marsh Model HD Double Suction pumps are used in a variety of industries. These rugged and efficient centrifugal pumps are designed for long life and low operational costs. Each model has a removable rotating assembly that can be serviced without disturbing the driver or piping. Models are available in a packed or mechanically scaled orientation for use in demanding applications.

PRODUCT BULLETIN
MODEL HD DOUBLE SUCTION

PART	CONSTRUCTION			
	BRONZE FITTED	IRON FITTED	NI-RESIST FITTED	316SS FITTED
Casing	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Impeller	Bronze	Bronze	NI-Resist	316 Stainless Steel
Shaft Sleeve	Bronze	Bronze	316 Stainless Steel	316 Stainless Steel
Stuffing Box	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Shaft	420 Stainless Steel	420 Stainless Steel	420 Stainless Steel	410 Stainless Steel
Case Wear Ring	Bronze	Cast Iron	NI-Resist	316 Stainless Steel
Holls, Studs & Nuts	Steel	Steel	Steel	Steel
Packing	Graphite Braid	Graphite Braid	Graphite Braid	Graphite Braid
Mechanical Seal	Carbon/Si-C/ Buna	Carbon/Si-C/ Buna	Carbon/Si-C/ Buna	Carbon/Si-C/ Buna

MODEL HD SPECIFICATIONS

Casing: The casing is of high tensile cast iron or other specified material. It is of the vertical type with double suction, split on the horizontal centerline with the suction and discharge nozzles cast integral with the lower half. Suction and discharge nozzles are cast of 2 1/2" per dimension and all models feature a 2 1/2" per case working pressure. Removal of the upper casing gives complete access to the interior of the pump without disturbing piping connections or pump alignment. The casing utilizes three flow stiffening technology members for maximum operation and allows the operation of casing with removable bronze shaft sleeves screwed on against the impeller with right and left hand threads which cannot work loose during operation. Shaft sleeves have external sealings, in lieu of mechanical rings, to stop leakage of product.

Stuffing Boxes-Seal Chambers: The stuffing boxes/seal chambers are extra deep, being designed for packing and lantern ring or mechanical seals. Under each stuffing box is a slip packer mounted on the mechanical sealers and allows the adjustment of packing.

INDUSTRIAL
Process, Petrochemical, Lumber Recovery

MUNICIPAL
Wastewater Treatment, Transfer, Filter Backwash, Supply Water

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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 130 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 13 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 130 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 130 years.



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

American-Marsh Pumps

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