



**CRANE**

PUMPS & SYSTEMS

## *Defense Products*

Drawing on more than a century of pump experience, Crane Pumps & Systems is a recognized leader in meeting the ever-changing needs of today's worldwide military. Our technical experience can provide the expertise that is needed to accurately evaluate service requirements and specify the best pumping solution. For industry-leading innovation - as well as, quality, reliability and value - Crane Pumps & Systems is a leader.



We remain true to our founding values of quality, honesty and hard work. We have the highest ethical standards in the industry. We “do the right thing.”

Crane is consistently associated with the highest standards of service, quality, personal attention to clients, and integrity.

“I am resolved to conduct my business in the strictest honesty and fairness; to avoid all deception and trickery; to deal fairly with both customers and competitors; to be liberal and just toward employees and to put my whole mind upon the business.”

R.T. Crane, July 4, 1855



**BARNES®**

**burks®**

**BARNES®  
PRESSURE  
PS SYSTEMS®**

**DEMING®**

# Crane Defense Products are proven in the following applications:

## Navy Sewage Pumps

Applications on most surface ship class including LPD, LHA, DDG, CG, and FFG. Certified to P-24475 and high shock motor M-17060 specifications. Flows from 100 GPM to 150 GPM at 30' to 120' TDH. Designed for pumping

saltwater, sewage and other wastes from shipboard wastewater systems. Pumps are provided in bronze and monel construction and are approved to S-901C grade B shock or IEEE-45 marine duty specifications.



## Bilge Pumps

Applications on Bradley IFV, M-113, M-109 Howitzer, M-1 Abrams and M-1117. Flows from 45 GPM to 125 GPM at 6' TDH. Designed for removing grey water that accumulates in the bilges of military vehicles and small

combat vessels. Pumps have been fully tested and approved for high shock combat environments. Available with 1/3 or 1/2 horsepower, 28 volt D.C. motors or hydraulically driven configurations.



## Military Fuel / Water Transfer Pumps and Emergency Fire Fighting Wet-End Pumping Assemblies

Applications on FSSP, LMF, Bear Fuel Farm and Navy portable emergency fire fighting systems. Certified to P-52144, P-52109, P-38447 and MCLB-P844/1 specifications. Flows from 65 GPM to 1200 GPM at 30' to 500' TDH. Our wet-

end pump assemblies are ready to be mounted into your special configuration. Designed for use with a variety of frame or trailer mounted applications and capable of pumping all fuel grades.



## Navy Macerator Pumps

Applications on most surface ship classes including LPD, LHA, DDG, CG and FFG. Certified to P-24475 and M-17060 specifications. Flows from 20 GPM to 45 GPM at 30' to 90' TDH. Designed for shipboard wastewater systems our macerator pumps incorporate a circular

cutter and abrader to reduce the size of suspended solid matter to a fine slurry. The 3"x1-1/4" electric driven pumps are available in bronze and monel construction and are approved to S-901C grade B shock or IEEE-45 marine duty specifications.

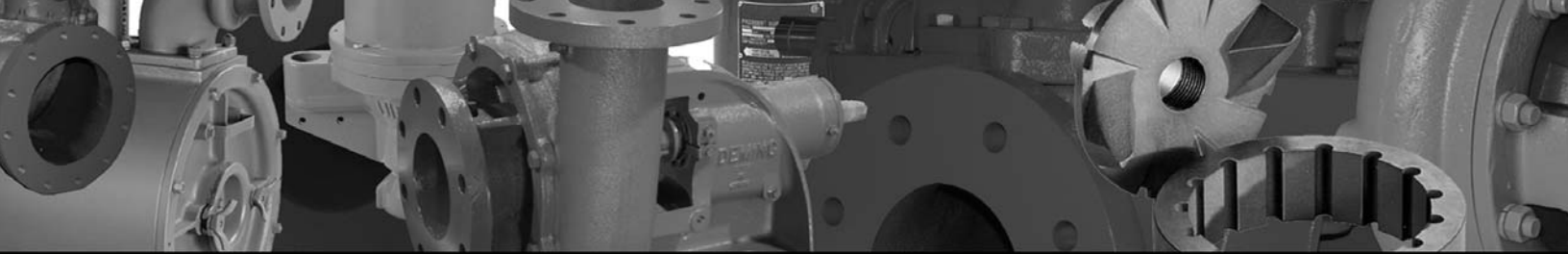


## Emergency Damage Control Pumps

Applications on all Navy surface and submarine ship classes including LPD, LHA, DDG, CG, FFG and Los Angeles. Certified to P-17454B specification. Flows from 40 GPM to 500 GPM at 100' to 400' TDH. Available with alternating current (AC) or direct current (DC) motors in aluminum or naval bronze. Our submersible damage control pumps are quiet,

compact, light weight and portable. They can operate continuously in any position and pump fresh, salt or oily water. Our versatile pump design provides motor cooling by the pumped liquid and permits staging in series for pumping greater heads. Pre-lubricated bearings and oil lubricated double shaft seals require no outside lubrication.





With an exceptionally broad offering of quality pumps, Crane Pump & Systems has the proven experience and the design expertise to meet the needs of a diverse array of customers. From the sump pump in your basement to a municipal sewage treatment, from the boiler room in a high rise to a marine application or a farm swamp cooler, odds are Crane Pumps & Systems has the product. Our products operate in demanding applications in power plants, paper mills, chemical plants, steel mills, automotive plants, construction sites and military applications around the world.

## **BARNES<sup>®</sup>**

Sump / Effluent / Non-Clog / Solids Handling /  
Trash Handling / Cutter / Grinder



Low Pressure Sewer Systems / Grinder Pumps /  
Septic Tank Effluent Pumping System

## **DEMING<sup>®</sup>**

End Suction / Split Case / Sump / Vertical Process /  
In-Line / Effluent / Non-Clog / Solids Handling



Solids Handling / Self-Priming / Engine Driven

## **burks<sup>®</sup>**

Regenerative Turbine / Self-Priming / Centrifugal

## **PROSSER<sup>®</sup>**

Portable Submersible / Sump / Self-Priming /  
Engine and Hydraulic Driven / Solids Handling

## **CRANE PUMPS DEFENSE PRODUCTS**

Naval Sewage Macerator / Transfer / Damage  
Control Other Products Include Ball Valves / Wash  
Down Nozzles / Other Military Specific Products

## **WEINMAN<sup>®</sup>**

End Suction / Split Case / Vertical Turbine / Sump  
& Effluent / Non-Clog / Solids Handling / Process /  
Condensate

**CRANE<sup>®</sup>**

**PUMPS & SYSTEMS**

*A Crane Co. Company*

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