

# EDDY PUMP

C O R P O R A T I O N



**“Lowest Total Life-Cycle Cost  
Pump on the Market”**

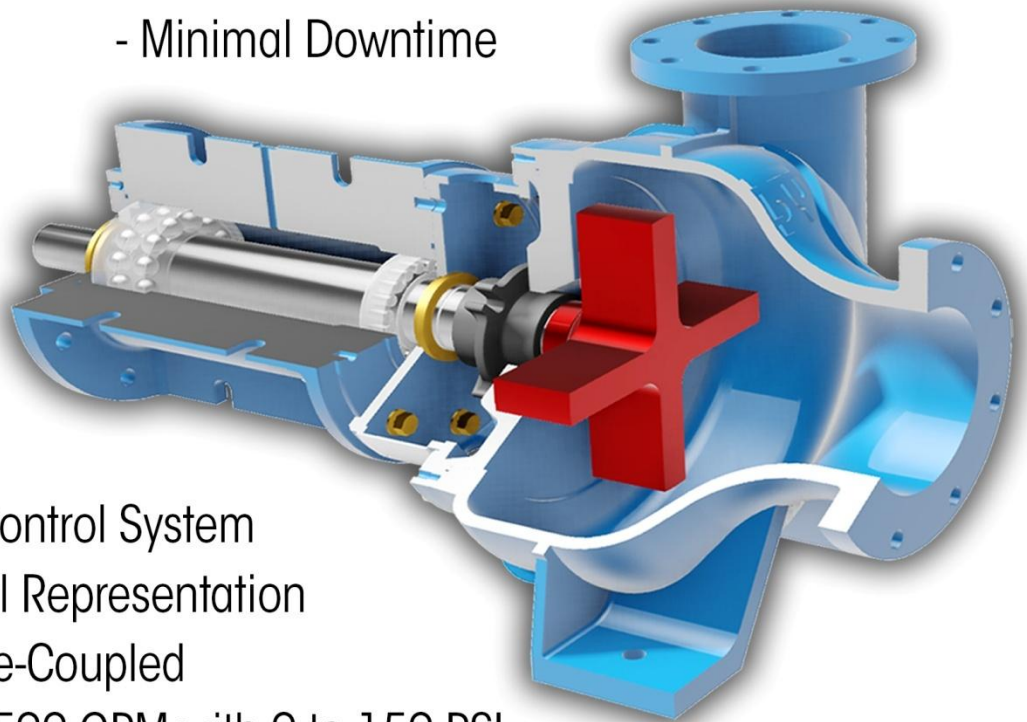


**Serving the US Navy for over 20 years**

15405 Olde Highway 80, El Cajon CA 92021 - 619.258.7020 - [www.EddyPump.com](http://www.EddyPump.com)

## Features

- Non-Clogging
- No Macerator Needed
- No Balancing Required
- High Viscosity
- High Abrasives
- Low Maintenance
- 30 Year Design
- Zero Leakage
- Minimal Vibration & Noise
- High Solids
- High Specific Gravity
- No Critical Tolerances
- Minimal Downtime



## Options

- Full PLC Automated Control System
- Training and Technical Representation
- Bearing House / Close-Coupled
- Flow Ranges: 20 to 3500 GPM with 0 to 150 PSI
- Vertical / Horizontal
- Auto Greaser
- Various Metallurgies
- Variable Speed Control
- Multiple Seal Options
- Automated Controls
- Electric / Hydraulic
- Easily Maintained Seal
- Submersible / Immersible
- Self-Priming
- Trailer / Skid Mounted



# TOTAL COST ANALYSIS

## Third Party Independent TOC Analysis

Total Life Cycle / Ownership Cost utilizing Navy Data.  
Shows a total cost saving of \$17,717,000 for 25 pumps over 4-years.

Eddy Pump CC3000				
	2006\$	Qt	Infl	Total 2002\$
Acquisition	\$128,000	25	0.9249	\$2,960,000
Overhaul	\$0		0.9308	\$0
Corrective Action				\$359,000
Preventative Maint.				\$782,000
Total Ownership Cost				\$4,101,000

HERBORNER Centrifugal 5.5 QSH				
	2006\$	Qt	Infl	Total 2002\$
Acquisition	\$125,000	25	0.9249	\$2,890,000
Overhaul	\$822,000		0.9308	\$765,00
Corrective Action				\$17,747,000
Preventative Maint.				\$416,000
Total Ownership Cost				\$21,818,000

**Reduction of Total Ownership Cost (RTOC)      \$17,717,000**

Ref: Adkins, Steve, "CHT Pump," TOC Ref No.: EAR 4-07, LCE IPT, no date.



**“Not a Centrifugal, Vortex or PD Pump, but a pump harnessing the Fluid Dynamics of an Eddy Current”**



4-Inch fully intact Eddy Pump with enough tolerance for an arm to go through the intake and out the discharge



## - VCHT - Vacuum Collection & Holding Systems



- Lowest Life Cycle Cost VCHT Pump System on the Market
- Non-Clogging Vacuum Pump System  
smallest diameter is 2-inch (same as a toilet)
- Lowest Maintenance Pump System
- No Eductor or Macerator Needed

## Current Navy & MSC Installations

<b>LSD Class:</b>	3-inch CHT Transfer (Duplex controller)
<b>CVN Class:</b>	3-inch CHT Transfer and Gray Water 6-inch Brine (Duplex controller)
<b>CG Class:</b>	3-inch CHT Transfer (PLC controller)
<b>LCC Class:</b>	3-inch CHT Transfer (Duplex and PLC controller)
<b>LHA Class:</b>	3-inch CHT Transfer & 4-inch CHT Transfer (Duplex controller)
<b>LHD Class:</b>	3-inch CHT Transfer & 6-inch Brine (Duplex controller)
<b>LPD Class:</b>	3-inch Transfer (Duplex controller)
<b>MSC:T-AKE Class:</b>	2-inch CHT Transfer (PLC controller)
<b>MSC:AS Class:</b>	3-inch CHT Transfer (PLC controller)

## Pumping Industries



**US Navy**  
**MSC**  
**Mining**  
**Waste Water**  
**Paper / Pulp**  
**Dredging**  
**Chemical**  
**Oil / Fracking**  
**Power Generation**  
**Food Processing**