

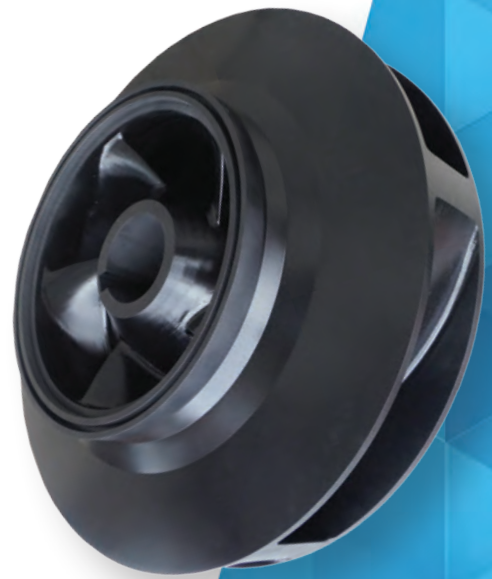
Sims

CORROSION RESISTANT PUMPS

*A New Standard
for High Efficiency*

**CORROSION
RESISTANT**

**Sea Water
& Corrosive
Environment
Pumps**



THE CONCEPT...



SIMS is a superior line of Marine and Industrial corrosive environment pumps that **never corrode** in seawater, wastewater, sewage, chlorinated water and are good with most chemicals.

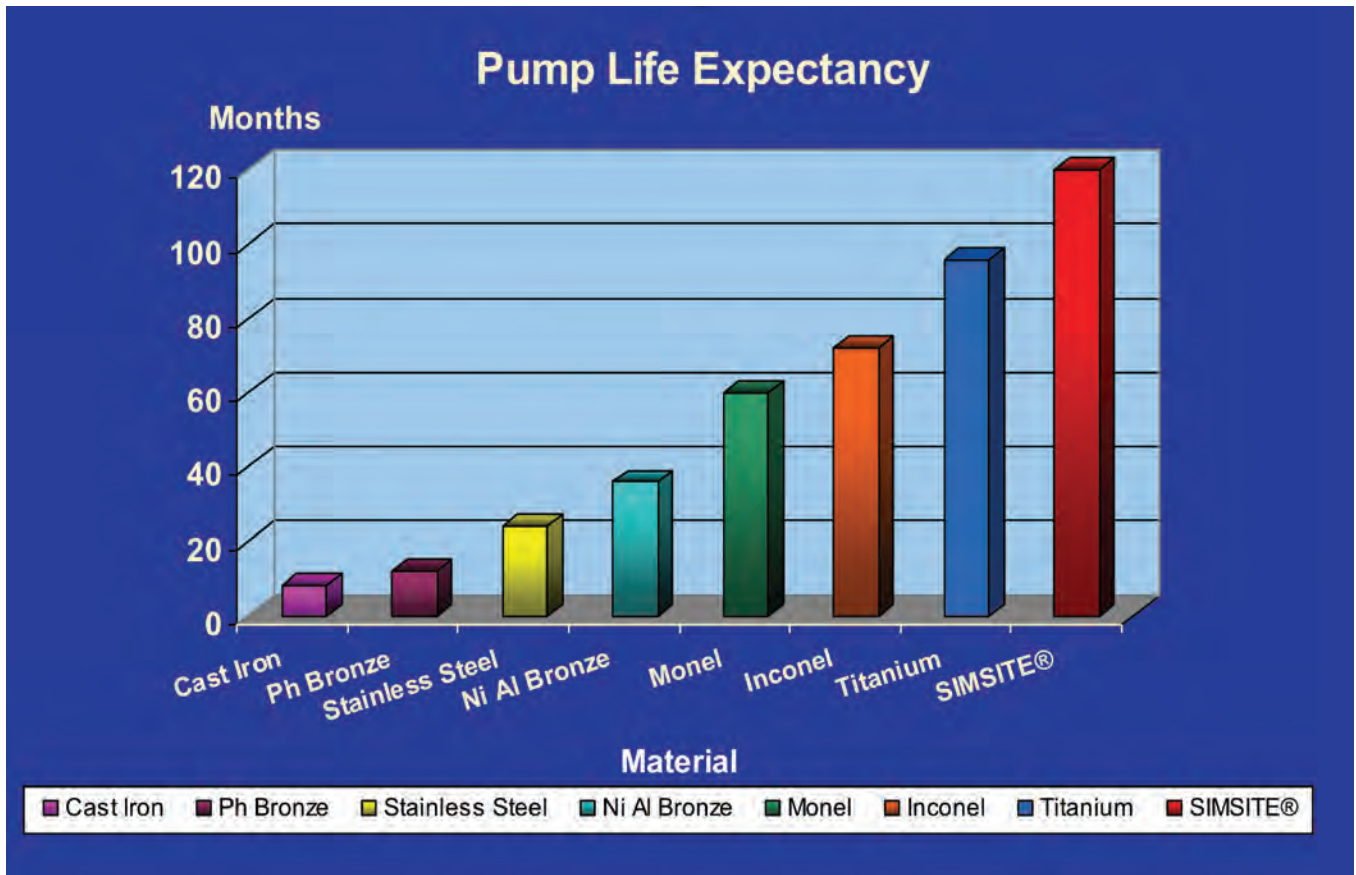
SIMS PUMPS are different from any other pumps, because of the **SIMSITE**[®] technology which enables them to outlast and outperform all other centrifugal pumps.

SIMS has over 95 years of experience as a solution for corrosion, erosion, & cavitation problems.

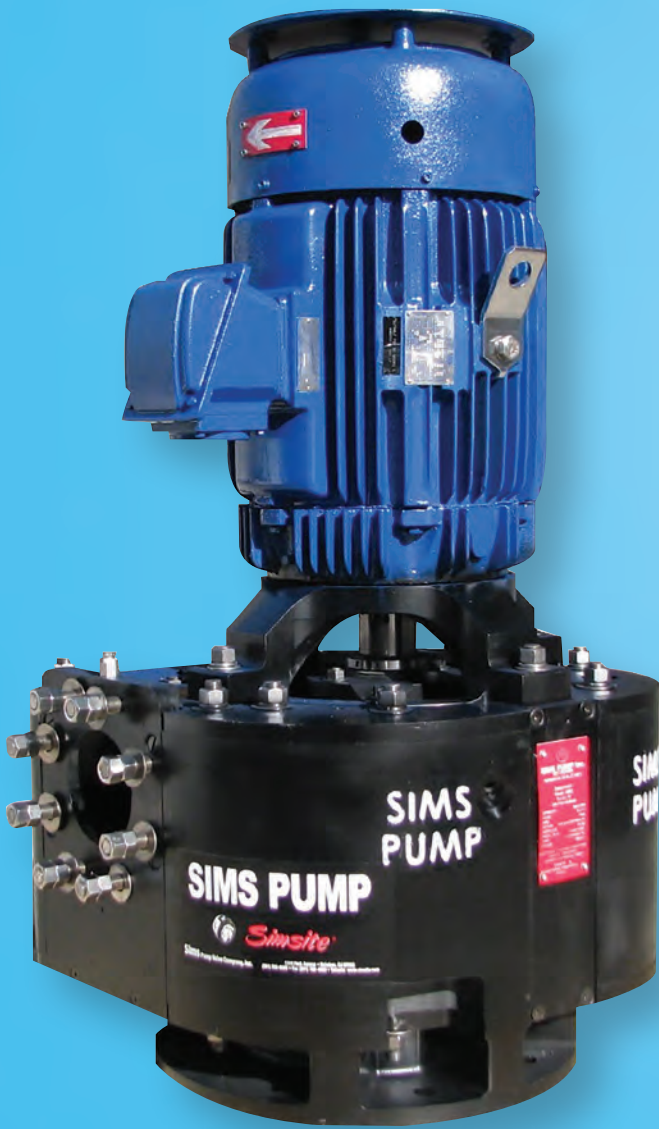
SIMS PUMP specializes in the design and manufacture of energy efficient pumps and impellers. SIMS has a global network for sales and after sales services and solutions.

SIMS PUMPS are superior to other products in the market. SIMS specializes in the manufacture and hydraulic design of pumps and pumping equipment.

- ▶ *Increase pump life-time, based on proven SIMSITE[®] technology!*
- ▶ *Stop making your pumps an Annuity for Repair Companies.*
- ▶ *A new standard for High Quality Seawater and Corrosive application pumps.*
- ▶ *Eliminate Downtime! Reduce maintenance, repair, & operating costs!*
- ▶ *Eliminate vibration and balance problems. Utilize a technologically advanced line of proven and well recognized pumps with SIMSITE[®] pump internals!*
- ▶ *Make SIMS PUMP the only commercially acceptable pump for your organization!*



- ▶ **SIMSITE®** Structural Composites **NEVER CORRODE** in Saltwater, Wastewater, Sewage, and Chlorinated Water!
- ▶ Extremely high corrosion resistance even to most acids and alkaline solutions.
- ▶ Light Weight, Low Inertia, Perfect Balance reduces noise & vibrations.
- ▶ No contributions to galvanic currents or galvanic corrosion. (Electrolysis)
- ▶ High Efficiency & Performance Stability.
- ▶ Engineered for the Customer's Operating Conditions.



SIMSITE® Technology eliminates electrolysis or galvanic corrosion in the metallic pump casing extending the longevity and reliability of the pump while reducing operating and maintenance costs.

SIMSITE® Technology enables the owners and operators to purchase and upgrade existing pumps with energy efficient pumps by utilizing **SIMSITE® technology.**



A **SIMSITE®** Close Coupled Fire Pump which NEVER Corrodes in SEA



A **SIMSITE®** Bare Shaft Pump Wet-End for Corrosive or Chemical Service!

Sims

CORROSION RESISTANT PUMPS

SIMSITE® Technology enables **SIMS PUMP COMPANY** to offer **engineered solutions** for **ALL** Pump Applications. Instead of offering a “production pump” that hopefully operates close to the Customer’s performance requirements, SIMS offers the Customer a pump that is **designed and “engineered specifically”** for the Customer’s **operating performance requirement!**



Variable Frequency Drives (VFDs) are only partially effective in reducing energy costs unless they **employ SIMSITE® Technology**. Unless **SIMSITE® technology** is used in the design of the pump, which enables the pump to operate at high efficiencies in the normal operating range of the pumping system; the VFD energy savings will be substantially diminished. The benefits of the VFD energy savings will be substantially diminished if the pump does not employ **SIMSITE® Technology** preventing energy loss, corrosion, erosion, and cavitation of the rotating element.

SMALL BRONZE or SIMSITE® PUMPS with SIMSITE® IMPELLERS



SIMSITE® Coupled and Close-Coupled Structural Composite Pumps



Centrifugal closed coupled motor pump



Self-priming bare shaft pump



Self-priming closed coupled motor pump



Self-priming closed coupled motor pump



Self-priming bare shaft pump



Self-priming pump with flange

WHEN ONLY THE BEST WILL DO!

SIMSITE® Structural Composite Products

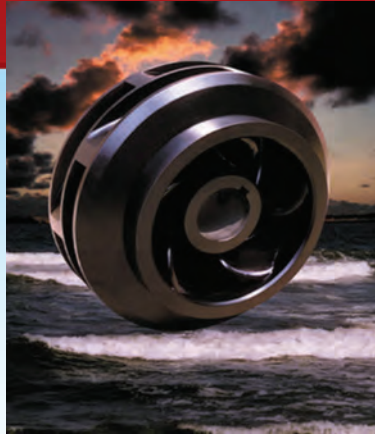
- Longer Life
- Corrosion Resistant
- Lightweight
- High Strength
- No Electrolysis
- Always Balanced
- Higher Efficiency



SIMSITE®
Vertical Turbine Pump

Sims
Since 1919
PUMP COMPANY

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Hoboken, NJ 07030
201-792-06000
EMAIL: Simspump@Simsite.com
www.SIMSITE.com
www.IMPELLERSTORE.com



SIMSITE®
Impellers for ALL
Centrifugal Pumps



SIMSITE®
Horizontal Pumps



SIMSITE®
Composite Bearings



SIMSITE®
Vertical Pumps



SIMSITE®
Impellers & Casing
Rings



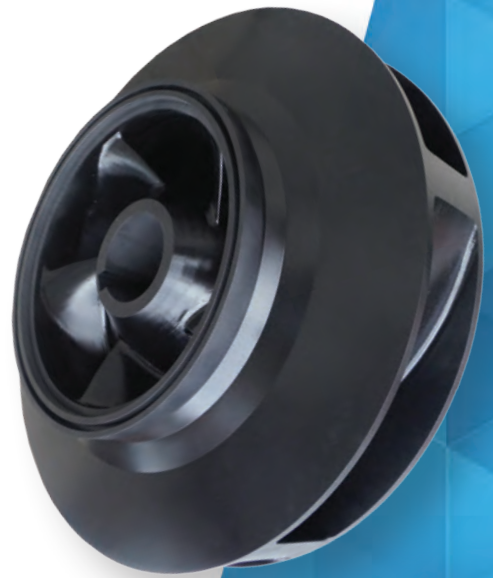
SIMSITE®
Heat Exchanger Doors



Sims

CORROSION RESISTANT PUMPS

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**CORROSION
RESISTANT**

**Sea Water
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Environment
Pumps**