

Is Bigger Better?



Providing Engineered Solutions to Industry For Over 25 Years

Repair vs. Replace

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Repair vs. replace is one of the most controversial and risky choices made dozens of times each day in many organizations. These decisions significantly impact on production performance, maintenance and operating costs.

Industry managers continuously look for ways to reduce costs and maximize profits. Competition for the sales of equipment to these industries is more competitive than ever. Equipment manufacturers are cutting costs while boasting better efficiencies than ever. By reducing the size of the components in the equipment the "spin" is smaller foot print, integral design.

The truth is, smaller components must be operated at

higher speeds to deliver the same performance. The faster you turn a rotor or impeller the more difficult to reduce undesirable conditions such as cavitation or slip. It is fact that less drag occurs at slower speeds. The only reason to manufacture components smaller is to minimize cost of production, In many cases making the equipment less serviceable, effectively making it disposable. Results are showing equipment with reduced life cycles and less efficient mechanical design characteristics.

How are they offering better efficiencies with less efficient design characteristics. Ultimately better efficiencies are achieved through more advanced control methods. Better matching loads to

demands is possible through PLC integration. The ability to integrate intelligent controls to mechanical equipment bring us to a new level. We need only think outside of the box to realize the potential.

If you are considering capital purchases motivated by efficiency or reliability issues, you can't afford not to consider remanufacture and controls upgrade options. Considering that your existing equipment may be just what you are looking for.



Control Your Costs

Considering all of the technological achievements boasting energy efficiency, the most effective advancement is the synergistic integration of mechanics, electronics, control theory, and computer science within product design and manu-

facturing. Improving and optimizing functionality through advancements in the way we control our mechanical equipment offers profound opportunities for power savings.

This being said, the trend is

lower quality mechanical equipment with advanced control technology. Consideration for adding this technology to your existing equipment as an alternative to replacement is well worth a look.

