



IMATECH

INNOVATIVE SOLUTIONS

ArmorPUMP® Spare Parts

An innovative line of precision engineered pump parts manufactured with wear resistant surfaces for added wear life in the toughest of environments.



The ArmorPUMP® range of rotatable slurry pump components are a pioneering line of low-wearing and reduced maintenance parts designed to extend the service life of your pumps. They are developed with a skilfully chosen exclusive blend of wear resistant composites specific to harsh environments that equivalent OEM and aftermarket parts don't allow for.

They have been proven to increasing the mean time between repairs (MTBR) and surface life by up to 3 times, while reducing energy usage and associated costs through the optimisation of pump efficiencies.

The range of ArmorPUMP® parts are all locally engineered and manufactured at our Australian based manufacturing centre and is aided by an internal CAD design team with full 3D modelling and pump assembly scanning capabilities. The manufacturing process coupled with our quality assurance system guarantees a seamless process where each unique requirement is satisfied.



Benefits

- Wear surface life increases up to 3-4 times and more
- Accurate wear rate measurement allowing predictable maintenance cycle
- Increased mean time between repairs (MTBR)
- Increased build-up of coatings in specific high wear zones
- Heavy duty casing has been designed to minimise internal velocities resulting in greater efficiency and prolonged wear life
- Improved lead time for spare parts
- Rotatable service/exchange parts
- Machined and cast components meet required tolerances
- Lower operating costs and improved ROI

Engineering Services

- Initial discussion to determine issues and obtain operational data.
- Wear surface solutions can be applied to both new and in-serviced parts
- Site detailing using portable Digital Laser Scanning
- CAD designing and rapid 3D software modelling
- Manufacture of engineered components
- Cost reductions
- Continual improvement program focus



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