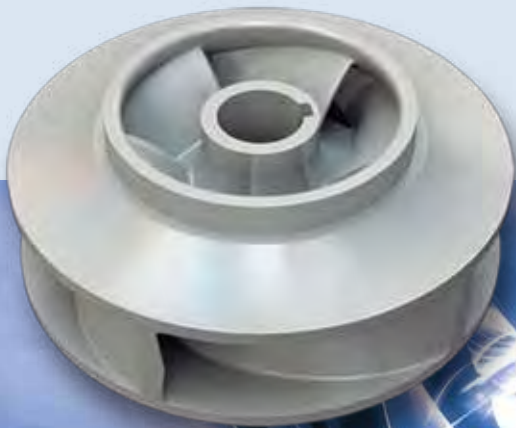




Specialist for Pumping Technology

INNOVATION
EFFICIENCY
QUALITY



**Reverse Engineering Aftermarket Parts
REAP**

For more than 60 years the name Ruhrpumpen™ has been synonymous worldwide with innovation and reliability for pumping technology

Reverse Engineering of Aftermarket Parts (REAP) is a specialized division within Ruhrpumpen that can replicate broken or worn pump parts as an alternative for nuclear and commercial pumps.

The Ruhrpumpen engineering experts review the pump model and data before the new REAP part is installed, making sure it will meet or exceed the current performance. The REAP solid model is created using the latest technology in solid modeling software and coordinate measuring machines.

Discontinued pump models

In the case of a discontinued pump model it may not be necessary to buy a new pump simply because spare parts are no longer available. REAP can solve the problem by reverse engineering the parts.

The REAP team can review the pump part model to identify reasons for failure. Their findings can be included as improvements in the new REAP replacement part.

One-site service

With a combined experience of 37 years with pumps and reverse engineering, the REAP team is able to offer on site reverse engineering services during maintenance outages.

This flexible service is based on your schedule so your pump part never leaves the plant.

The REAP team can be scheduled for an on-site visit while your pump is disassembled. This allows REAP to measure and model the problem part, so that the production cycle is unaffected. Most parts can be drawn in less than 1 day.

Meanwhile, REAP can accurately quote, evaluate with RP engineers and manufacture a replacement while your old pump is continuing to work for you.



REVERSE ENGINEERING AFTERMARKET PARTS REAP



Original Part



**Redesigned
Part 3D Model**



Final Part

The REAP team understands the urgency of the replacement and will be flexible in addressing your needs.

The REAP team is able to make an exact replacement of the original part to work with your OEM equipment. The REAP Team now has many options to reproduce your part. They can:

- Rapid Prototype a part from a solid model
- Print precise sand molds from a solid model
- Use router head to carve sand molds from solid model
- Build a traditional pattern from a 2D drawing linked to solid model

Service Centers

Find us at any of our worldwide service centers.









USA, Tulsa
USA, Orland
USA, Houston
USA, Baton Rouge
USA, Hampton
Mexico, Monterrey
Mexico, San Luis Potosí
Mexico, Coatzacoalcos
Brazil, Rio de Janeiro
Argentina, Buenos Aires
Colombia, Bogota
Chile, Antofagasta
Germany, Witten
Egypt, Suez
India, Chennai
Changzhou, China



For more information contact us at info@ruhrpumpen.com



RUHRPUMPEN PLANTS

-  USA, Tulsa & Orland
-  MEXICO, Monterrey
-  BRAZIL, Rio De Janeiro
-  ARGENTINA, Buenos Aires
-  GERMANY, Witten
-  EGYPT, Suez
-  INDIA, Chennai
-  CHINA, Changzhou
-  UK, Lancing

More Information:

