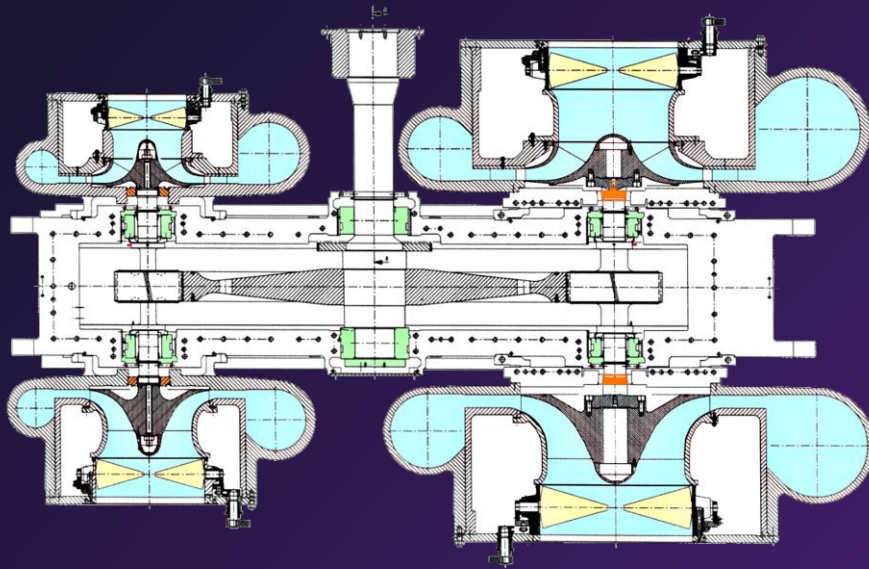


# Impeller Upgrade for Gear Type Compressors



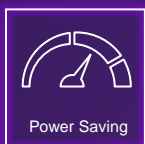
Reliability



Efficiency



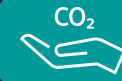
Extended Lifetime



Power Saving



## Increase efficiency



Up to 4% less  
CO<sub>2</sub>  
per year

### Product Overview

The latest impeller generation is designed as an upgrade for gear type compressors of any size, mostly for compressor which are build between 1984 and 1995



### Improved Features

- New 3D aerodynamic design features of the closed or semi-open impeller in combination with abrasion coating of the impeller cover disc or the contour rings for efficiency improvement.



### Benefits

- Up to 4% efficient increase, i.e., up to 4% less power required
- Up to 4% CO<sub>2</sub> emissions reduction
- Newest technology installed
- Additional modification like change in throughput range are possible together with the impeller upgrade
- Less production cost



### Scope of work & Implementation

- Implementation of new impellers and related parts
- Only the spare pinion shafts need to be re-equipped with new impellers in the SE workshop, which reduces time of non-availability of spare parts
- Very short turnaround time at site for installation of new equipment

