

Service, solutions and support

Compressors

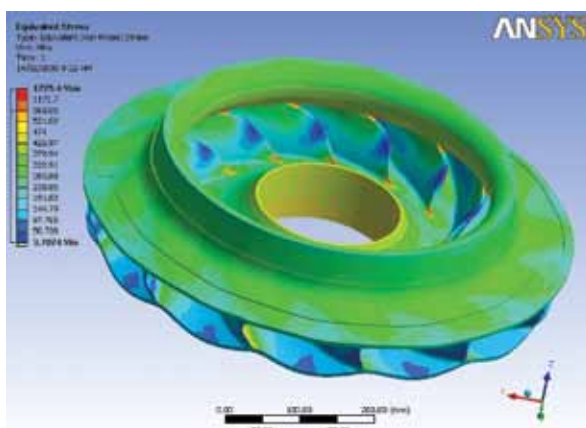
With our long term history in rotating equipment design, manufacture and servicing, Weir Minerals Services has built up a high level of expertise in the installation, relocation, retrofit, upgrade, overhaul, servicing, fault analysis, alignment and component manufacture for a range of compressors.

Further, we have the in-house expertise in hydraulic design to implement changes to equipment to improve efficiencies and to reduce the wear rate that causes downtime.

Our industry experience in rotating equipment is extensive and includes power generation, oil and gas, sugar and paper mills, iron and steel and general industry.

Capabilities include:

- compressor overhauls from total project management, to supervision, to responsibility for overhaul with provision of supervisory, trades and assistance labour
- axial compressor blading including removal of blades and fitting of new blades at our workshop or on-site
- finite element analysis modelling
- manufacture of replacement radial impellers
- rectification and retrofit works working to close tolerances
- refurbishment of screw compressor rotors
- machinery alignment, equipment regularly calibrated in accordance with manufacturers' recommendations, with in-house noise and vibration specialists with in-depth experience in analysis, solutions and rectification.
- compressor wheel removal and replacement with jigs, tooling and heating rings produced to specific requirements
- re-engineered components can be manufactured within minimum timeframes. Combined with analysis of latest materials technology, the manufacturing of specific components to complete equipment is one of our key strengths.



(Top) Workshop refurbishment of screw rotors.
(Centre) Radial compressor site inspection.
(Bottom) Compressor shaft assembly in workshop.
(Left) Finite element analysis of compressor impeller.

Meeting the needs of customers worldwide



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