



AP DYNAMICS engineering

AP DYNAMICS provides a complete range of **Acoustic and Vibration Analyses** for rotating equipment including new designs, retrofits or for troubleshooting support.

Our highly skilled engineers understand the **complex** nature of dynamic loading and offer **efficient, effective solutions** to mitigate vibration concerns while meeting challenging timelines.

This is achieved thanks to our experts in Vibration.

TYPES OF ANALYSIS

- ✓ Acoustical Pulsation
- ✓ Piping Mechanical Natural Frequency
- ✓ Piping Forced Response
- ✓ Off-Skid Parallel Pulsation
- ✓ Skid and Pile
- ✓ Flow Induced Vibration

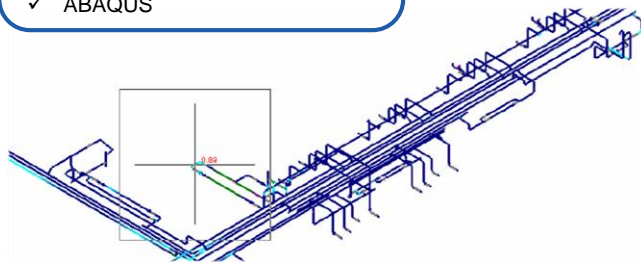
Our comprehensive approach ensures your rotating equipment is designed to be low vibration from the ground up.

TYPICAL APPLICATIONS

- ✓ Reciprocating Compressors
- ✓ Screw Compressors
- ✓ Centrifugal Compressors
- ✓ Positive Displacement Pumps
- ✓ Centrifugal Pumps

SOFTWARE

- ✓ Bentley PULS
- ✓ Bentley AutoPIPE
- ✓ Bentley STAAD
- ✓ ANSYS/SM
- ✓ ABAQUS



VIBRATION ANALYSIS

Solving Tough Engineering Problems

