

Course Name:

Soft Foot Training (Machine Distortion)

Course Description:

This course trains your craftsmen to perform alignment on the most common machine problems such as soft foot conditions (machine frame distortion). Soft foot is the first step to proper equipment alignment.

Course Objectives:

The objective of this course will be to train your craftsmen on the real problems of misaligned equipment. Soft foot conditions will cause equipment to not meet its designed life.

Topics:

- What is "Soft Foot"?
- The many faces of soft foot
- External forces that can cause soft foot
- Root cause failure analysis of soft foot
- Electrical problems associated with soft foot
- Gears misaligned from soft foot
- How to check for soft foot
- Correcting soft foot
- Precision soft foot check procedure
- Soft foot and shim recording forms
- Correct shimming practice to avoid squishy foot

