



Soft Foot Routine

The Shaft Hog can be used to check soft foot. We recommend that you check for soft foot as a preliminary to performing precision alignment.

1. Follow the instructions to set-up the unit as if you were going to perform an alignment. The laser units should be at the 12:00 position.
2. Measure and enter the A, B, and C dimensions.
3. A clock face appears on screen with a blinking dot at the 9:00 position. **DO NOT ROTATE THE SHAFTS.** Instead, push the + and- keys at the same time.
4. The "Soft Foot" program comes up showing F1 and F2 values as 0.0.
5. Check for soft foot by loosening and tightening one of the moveable machine mounting bolts. F1 values correspond to the Inboard Feet. F2 values correspond to the Outboard Feet.
6. Note the values displayed at the particular foot when each bolt is loosened/tightened. A reading of greater than 2.0 (Two thousandths = 0.002") indicates that soft foot is present.
7. "Re-zero" the F1 / F2 values after each loosen/tighten by pressing the backward arrow key.
8. Measure soft foot on the other three mounting bolts.
9. Evaluate and correct soft foot as required.
10. To perform a precision alignment, push the + and – keys. You will return the alignment measurement screen. Continue with the measurement and shaft alignment process.