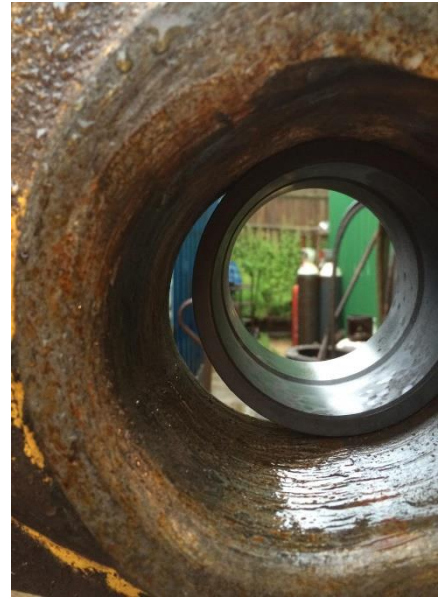




Loading Shovel

The customer contacted Reeds because the bucket pivot point of their Komatsu WA380 loading shovel was badly worn. This damage could have caused wear to the bucket and loader arms, as well as causing the bucket rotation to be loose causing damage to the pins, loader arms and bucket. This could have become unsafe, especially if the pins snapped.



Works Completed

➤ Phase 1

First element of the process is to ensure that the tipping geometry of the frame is correct, this is completed through taking extensive measurements to confirm that the boring bar and hole centres are lined up.



➤ Phase 2

Once these measurements have been confirmed the holes to be bored are cut over-sized to allow for making the holes round again, we would try to remove the minimum amount of material from the machines.



➤ Phase 3

The hole is welded to add enough material to be able to bore it out to the original size.





➤ Phase 4

A hydraulic press is used to push the correct sized bush into place. If everything is straight the bucket should sit straight when re-attached.

