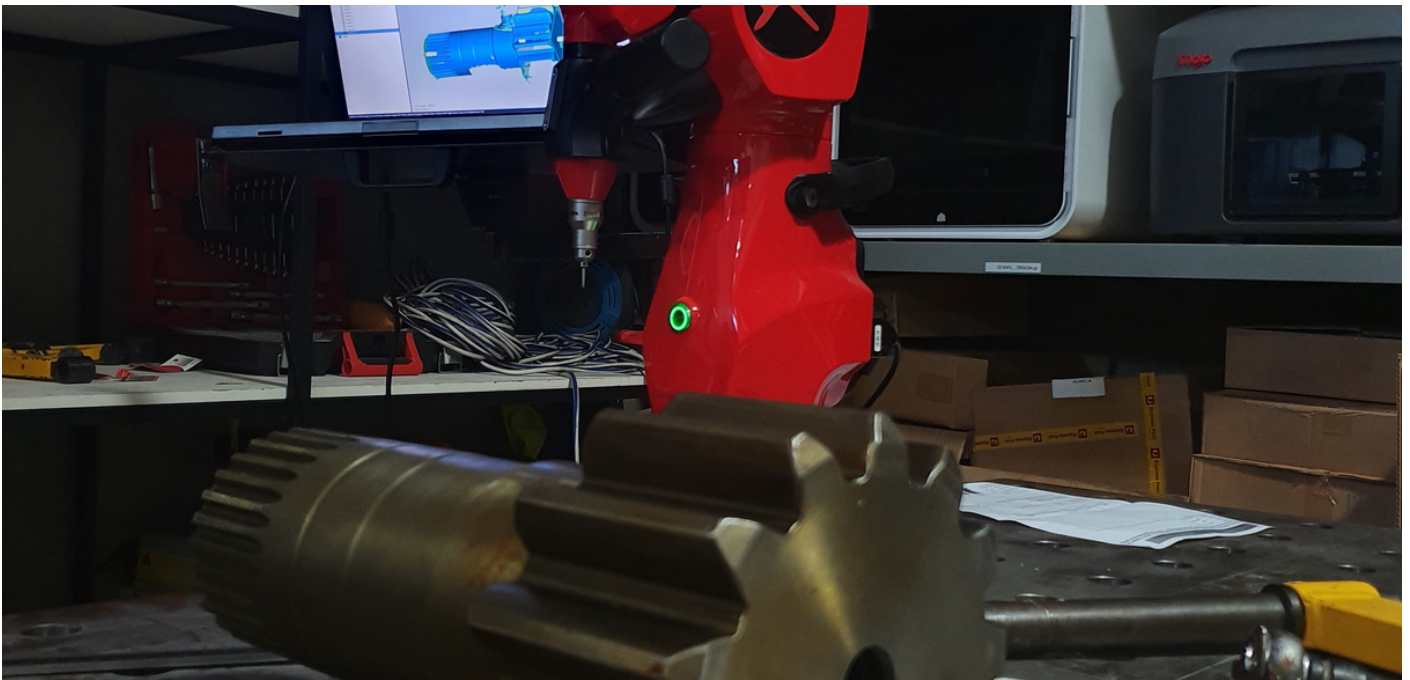




## CASE STUDY



# Critical Mining Parts

## LOCALLY MANUFACTURED TO REDUCE DELAYS



Process: 3D Scanning, 3D Modelling

### CHALLENGE:

Critical components to the operation of a major item of machinery suffered from either poor quality or lengthy delays due to the overseas supply chain causing costly operational delays.

### SOLUTION:

WYSIWYG 3D was able to assist in capturing the critical data from one of the elusive quality replacements prior to the part being installed for operation. Whilst our team had only a small window available, our team was able to laser scan and probe the part using our Kreon scanning system before it was put into operation. Our ability to scan the mining part quickly to minimise machine downtime and deliver a 3D solid model to the required level of accuracy was key in this project. The 3D model could be taken directly into CNC machining software and used to produce parts within suitable tolerances. The customer was now able to seek out reliable local suppliers that could meet both quality and supply requirements in the future.

### KEY ADVANTAGES

- Portable technologies for onsite scanning
- Accurate scan data
- 2D and 3D Inspection reports
- Local manufacturing reduces delays
- Fast data capture safely
- Straight to CNC Machining