



# SERVING AUSTRALIAN MINING WITH METROLOGY INNOVATION



## Quality Inspection

We supply state-of-the-art metrology technology allowing you to collect precise & reliable data in digital formats.



## Manufacturing Efficiency

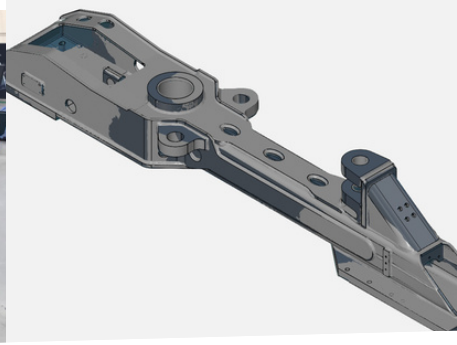
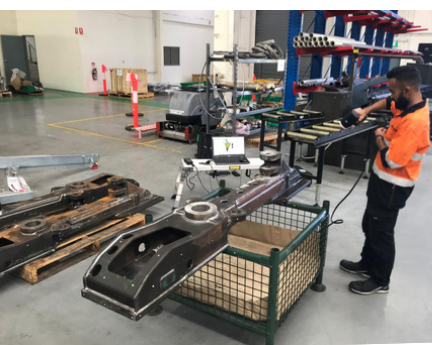
We help you integrate optical metrology & automation solutions into your processes to help you save money & time.



## Metrology Services

We provide quality inspection, 3D measurement, laser tracking & reverse engineering services on a project basis.

## Success Stories



### T-SCAN HAWK 2 HANDHELD SYSTEM - MASPRO

We provide clients with the technology & expertise to elevate their quality inspection. Partnering with **MASPRO**, the T-SCAN Hawk 2 is utilised to validate & streamline their weldment manufacturing processes.



### SCANBOX SERIES 4 AUTOMATED METROLOGY - MASPRO

The ScanBox is used to automate the inspection process by: reducing set-up times, eliminating repetitive tasks & speeding up production. This allows **MASPRO** to deliver faster, more efficient & reliable solutions to their clients.

# Products & Services



## ZEISS Optical Metrology

German built optical sensors help users to cut down inspection times whilst improving product quality.



## ZEISS Industrial Metrology

Best-in-class range of CMMs, optical & CT metrology help users to meet the most precise of tolerances.



## Handheld Measurement Systems

Perform quality checks or reverse engineer assemblies & components on the fly.

## Applications



### Manufacturing Quality Control

**Measure anything from small components to full mining trucks with precision; check tolerances, reduce defect rates & lower quality cost.**

- Measure & inspect mining components directly on production line for real-time quality control;
- Deploy automated 3D scanning systems to ensure efficient inspection of complex mining components, reducing errors & re-work;
- Ensure compliance with tight manufacturing tolerances using reliable & highly accurate 3D scan data, improving the performance & durability of mining equipment parts.



### Maintenance, Repair & Overhaul Optimisation

**Save time & money throughout your MRO processes with optical & tactile metrology dedicated & shop-floor capable solutions.**

- Perform on-site 3D scanning of worn/damaged mining equipment e.g. pumps, crushers & components for accurate assessment & repair planning;
- Integrate automated 3D scanning systems into maintenance processes to quickly inspect/verify the integrity of mining components, reducing downtime;
- Ensure precise maintenance, repair & overhaul (MRO) operations by utilising accurate 3D scan data to meet original specifications.



### Incoming Goods & Supplier Quality Control

**Ensure your design tolerances & supplier quality standards are met using mobile metrology tools that are easy to use in any environment.**

- Inspect incoming goods, compare to CAD & perform visual checks;
- Set-up instantaneous pass/fail gates & automated reports;
- Digitise, track, analyse your results & supplier performance.

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