

**COMPONENT  
WORKS**

**Your OEM Alternative**

MINING • CIVIL • CONSTRUCTION • AGRICULTURE



Head Office  
1/78 Harbour Road,  
North Mackay.



(07) 4951 3449



admin@componentworks.com.au  
www.componentworks.com.au

# CAPABILITY STATEMENT

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# COMPONENT WORKS

**General Manager**  
Roman Mosshammer  
0448 513 449

**Workshop Manager**  
Jayden Sim  
0497 260 023

**Head Office**  
1/78 Harbour Road,  
North Mackay.

**Postal Address**  
PO Box 3695,  
North Mackay  
QLD 4740

**Phone**  
(07) 4951 3449  
**Email**  
admin@componentworks.com.au

**Website**  
www.componentworks.com.au

**ABN**  
22 997 294 879

# ABOUT

- RT Component Works was started in 2006 by Roman Mosshammer and Trevor Strahan. When Trevor retired the decision was made to drop the RT off the name and now we are Component Works.
- At Component Works we take pride in giving our Customers the best service and quality. A happy and satisfied customer is what we strive for. Our goal is to give our customers an OEM alternative. If your business requires Earth Moving Machinery and Component Overhauls then talk to us and we will make sure you keep coming back.
- Additional capabilities include engineering, machining and fabrication services from diagnostics to complete machine overhauls, mining and civil companies throughout the region are becoming aware that Component Works can provide the reliability and efficiency they require. Our workshop has 1800 sqm under roof and the same in hardstand so there is plenty of room to get work done. Easy freight access makes loading and unloading a quick and safe experience. Our locally employed and skilled team will work with you to ensure you receive the best possible service and care. Our aim is to supply best standard overhauls with solid communication and a hassle free process from unloading to dispatch.
- On a personal note, we are proud supporters of Canteen, an organisation supporting youth aged 12-25 who's lives have been impacted by cancer. Visit their website to discover more of the great work they do for the community.



# QUALITY ASSURANCE

Our workshop is designed to allow flow and smooth progress. This enables us to overhaul, repair and manufacture to your requirements. Where ever possible OEM guidelines and specifications are used. All possible care and attention to detail is given to all work to enable our overhauls to perform at the highest level and meet our customers demands.

We employ a NATA approved third party to conduct non-destructive testing (NDT) on componentry housings, machine frames and attachments to check the structural integrity to shafts, gears, spindles and hubs to ensure the items meet reusability guidelines. Any works outsourced to our suppliers is QA'd and measured before being reassembled.

Our commitment to quality assurance has enabled us to develop proven processes that are utilised during overhauls, allowing us to confidently deliver products we know will eliminate future reliability and down time risks. Our approach is not only to think about today's issue but also to consider what may happen tomorrow.



# COMPONENT WORKS

# CAPABILITIES OVERVIEW

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## MACHINE OVERHAULS AND REPAIRS

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## HEAVY EQUIPMENT COMPONENTRY

- Overhaul Capabilities
- Service exchange (REMAN)
- Procurement

**03**

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## COAL PREP & FIXED PLANT COMPONENTRY

**04**

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## FABRICATION & MACHINING

# 01

## MACHINE OVERHAULS AND REPAIRS



D10T Dozer

- Zero houred overhauls
- Scheduled component change outs
- General repairs
- OEM updates and retrofits
- Machine diagnostics and software updates
- Equipment modifications
- Equipment condition reporting
- Blasting and painting



CAT 988H defect repairs, engine supply and change out, blast/paint and 10,000kg tyre handling conversion

## EQUIPMENT WE OVERHAUL

- CATERPILLAR
- KOMATSU
- HITACHI
- TEREX
- JCB
- VOLVO
- ATLAS COPCO
- SANDVIK

OUR APPROACH IS NOT ONLY TO THINK ABOUT TODAY'S ISSUE BUT ALSO TO CONSIDER WHAT MAY HAPPEN TOMORROW.



CAT 16H rehouse, rewire, cab overhaul, defect repairs and component changeouts



# 02

## HEAVY EQUIPMENT COMPONENTRY

### OVERHAUL CAPABILITIES

- Power train specialists
- Diesel engines
- Front and rear suspension cylinders
- Hydraulic valving and pumps
- Hydraulic cylinders
- Track frames
- Final drives
- Front wheel groups
- Brake groups
- Differentials
- Radiators
- Operator stations

Our power train componentry is dyno tested to ensure that all pressures comply with OEM specifications. Hydraulic valving, pumps and cylinders are pressure tested and adjusted to OEM specifications before dispatch to ensure that the component is work ready once installed. Testing certification is supplied with all components.

**QUALITY COMPONENTS IN ACCORDANCE WITH OEM GUIDELINES AND AUSTRALIAN STANDARDS.**



992K control valve



Cylinders, 789 rear suspension cylinder



D11T zero houred track frame overhaul



789 Torque converter being dyno tested and QA'd



Transmission being tested and adjusted on the dyno. Completed 793 transmission and diff assembly tested and QA'd

# 02

## HEAVY EQUIPMENT COMPONENTRY

### SERVICE EXCHANGE AND PROCUREMENT

- Engines
- Transmissions
- Torque converters
- Final drives
- Front wheel groups
- Brake groups
- Suspension cylinders
- Hydraulic cylinders, valves and pumps
- Differentials
- Dozer and grader blades
- Operator stations

No one knows the customers requirements as well as the customer. What ever your needs are we are here to help. If you require us to find a core to rebuild or if you have a core you want rebuilt we can get it done. If it's a budget overhaul or a back to Zero hour rebuild, we will always give a maximum 100% effort. If you supply the parts or we purchase them its up to you. Our service is delivered to suit your needs.

**OUR AIM IS TO BECOME THE FIRST COMPANY YOU THINK OF WHEN ITS TIME TO GET WORK DONE.**



CAT D11T nose cone



CAT 993 Control valve



CAT 789 final drive



785 Hoist cylinder



# 03

## COAL PREP & FIXED PLANT COMPONENTRY



Water pumps



Warmam pump barrels overhauls and testing



Exciter box



Solid bowl

- Water pumps
- Slurry pumps
- Pump barrels
- Solid bowls
- Gearboxes
- Transmissions
- Conveyor drives
- Exciter boxes
- Crushers
- Actuators
- Hydraulic cylinders

It's not just Earth moving machinery we fix. Component Works has been overhauling and improving designs on Wash plant equipment from our start in 2006. If you have a gearbox or pump to repair then we will get that done. If you have a modification you want made or the Component re-engineered we can make that happen. At Component Works we take on the challenges most will shy away from.

*Your OEM Alternative*



# 04

## FABRICATION & MACHINING

### FABRICATION

On our site or yours, our fabrication team are here to help. Our mobile welding trucks are fitted with a 50 Hertz, 100 KVA generator and all mine spec systems. Our mobile trucks are capable of supporting three boilermakers simultaneously and are available for dry or wet hire.

- Mobile 50-hertz on-site welding repairs
- Certified transport stands
- Stainless and aluminum welding
- Chassis and housing crack repairs
- Blade and bucket repairs

**NATA APPROVED INDEPENDENT  
NON-DESTRUCTIVE TESTING.**



Onsite repairs and fabrication



Storage vat



Certified transport stand



Push arm cap



Front hub repair



Auto stack pipe trailer manufacture



D11 U blade

# QUALITY ASSURANCE





# 04

## FABRICATION & MACHINING

### MACHINING

Our inhouse machine shop saves time and money. During overhauls there is always the need to get some machining done. Most of the time we can get this done quick smart in our own shop.

- Reclamation works
- Shafts
- Housing repairs
- Sleaving



Abon feeder shaft wheel clamps



Hydraulic cylinder gland nut



Pin manufacture



Shaft and brush manufacture



Equaliser bar repairs



Shaft manufacture



Dozer track frame reclamation and conversions to toe out and straight applications



Bucket repairs





## SAFETY

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Component Works fosters a culture of 'safety first'. Our 'safety first production follows' philosophy is built into our systems. We utilise risk and hazard identification tools for the safety of all employees, suppliers and customers. Management provides guidance, training and leadership on all environmental health and safety issues, ensuring our team complete all work in accordance with best practices and Australian standards.



## MISSION STATEMENT

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At Component Works we understand that our customers have different requirements. We also understand that these requirements change along with circumstance.

For Component Works though, there are some things that never change.

- Total commitment to our customers.
- Personal service that's available 24/7.
- Value for money
- After sales support
- Flexibility to move with changing situations.
- Respect for our Customer as we understand that without them and the faith put in us we have no business.
- A genuine passion for what we provide and the enjoyment from the relationships we form.

# DISPATCH

**MOUNTING O-RINGS  
OR SEALS SUPPLIED**

**BRIGHT, CLEAN & GLOSSY  
2PAC PAINT**

**RED PAINT APPLIED TO  
CLEARLY IDENTIFY FILL,  
LEVEL & DRAIN LOCATIONS**



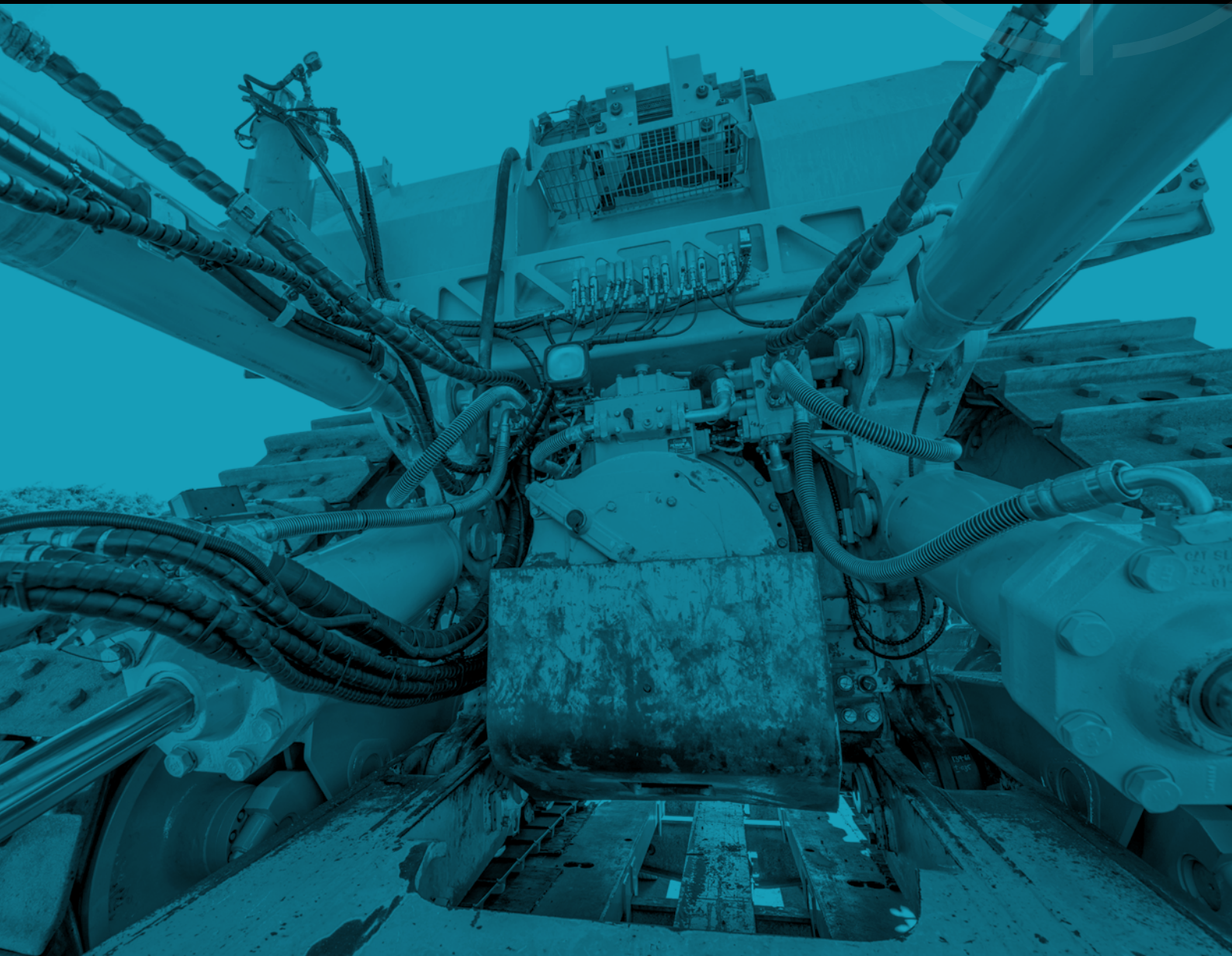
**MOUNTING SURFACES  
BUFFED CLEAN WITH A RUST  
PROOFING PRODUCT APPLIED**

**CLEAR AND ACCURATE  
DISPATCH & RECEIVAL  
INFORMATION**

**WRAPPED IN SHRINK WRAP TO  
PROTECT FROM THE ELEMENTS  
WHILST BEING STORED**

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