



Chase

Surface Engineering

Capability statement



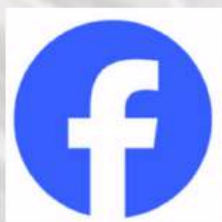
Director

MARTY PRATT

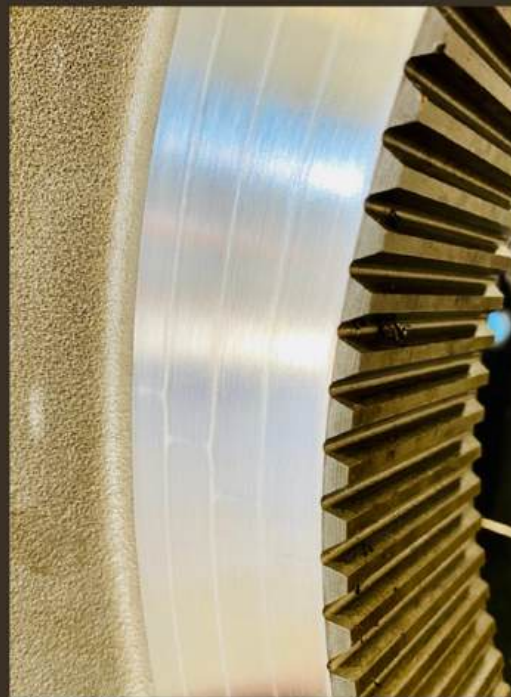


Accounts Manager

JULIE PRATT



www.Chase-se.com.au



POWERTRAIN REPAIR SPECIALIST

Chase Surface Engineering delivers expert Cat powertrain failure analysis, precision machining, fast turnarounds, proven solutions, and unmatched industry expertise.

Precision Engineering

- ✓ Machining
- ✓ Surface Grinding
- ✓ Lathe turning 870mm



Call Us
04 99 862 808



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ABOUT US

Chase Surface Engineering is a leading provider of powertrain component reclamation and machining solutions. Based in Paget, Queensland, we specialise in precision repairs and remanufacturing that restore components to zero-hour specifications while significantly reducing downtime and cost.

With a 5-7 day turnaround, proactive communication, and OEM-standard quality, we ensure that every repaired component performs reliably in the most demanding environments.

OUR EXPERTISE

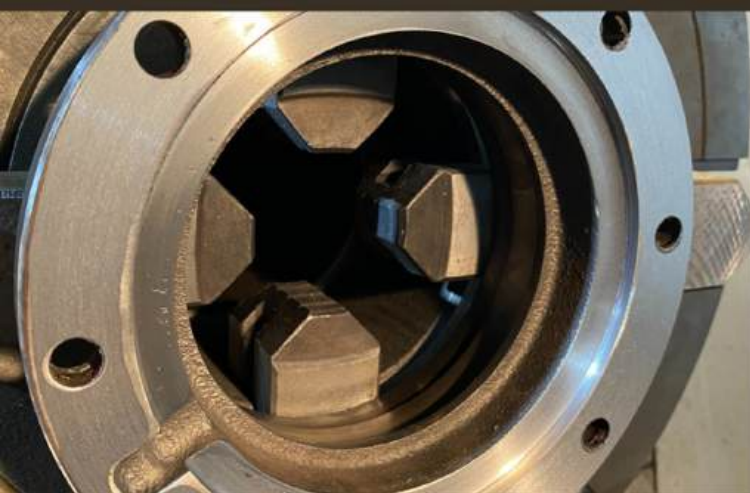
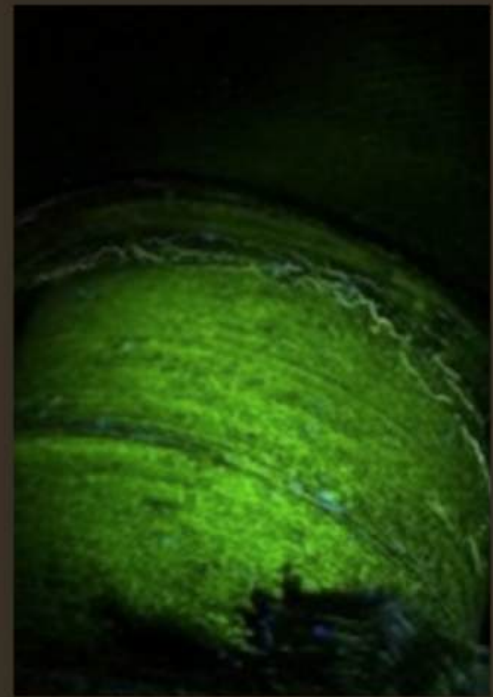
We are trusted by the mining, earth-moving, and heavy industry sectors for our ability to diagnose, assess, and repair critical components, extending their lifespan and optimising performance.

KEY SERVICES

- ✓ Powertrain Component Repairs – Expert machining and surface restoration to OEM specifications.
- ✓ Precision Machining – Surface grinding, lathe turning, milling, rotary grinding, thread cutting.
- ✓ Failure Analysis & Consulting – Root cause investigations to prevent recurring failures.
- ✓ Reclamation & Wear Protection – Restoring worn components to original spec, minimising costly replacements.
- ✓ Custom Part Manufacturing – Developing high-demand industry solutions, including specialised tooling.

INDUSTRIES WE SERVE

-  Mining & Earthmoving
-  Construction & Heavy Equipment
-  Industrial Machinery
-  OEM & Aftermarket Parts Suppliers
-  Marine and Aviation



OUR COMPETITIVE EDGE

Fastest Turnaround in the Industry – Repairs completed in 5-7 days to minimise downtime.

OEM-Quality Repairs – Components restored to zero-hour specifications, ensuring maximum reliability.

Data-Driven Workflows – Our interactive Work-In-Progress Portal keeps customers informed every step of the way.

20+ Years of Combined Experience – A skilled team with expertise in powertrain repair and engine reconditioning.

Proven Track Record – 3 years maintaining a rework of less than 0.03%

Listing of common jobs:

Off Highway Trucks

Reaction hubs

Retainer plates

Yoke

Piston fine grind

Housing fine grind

Suspension head update

Diff stop

Ream crown wheel holes

Machine fretting from diff centre

Dozer parts

Yoke

Scab retainers

Scab piston

Cylinder rod and piston chase threads

Cylinder rod finish

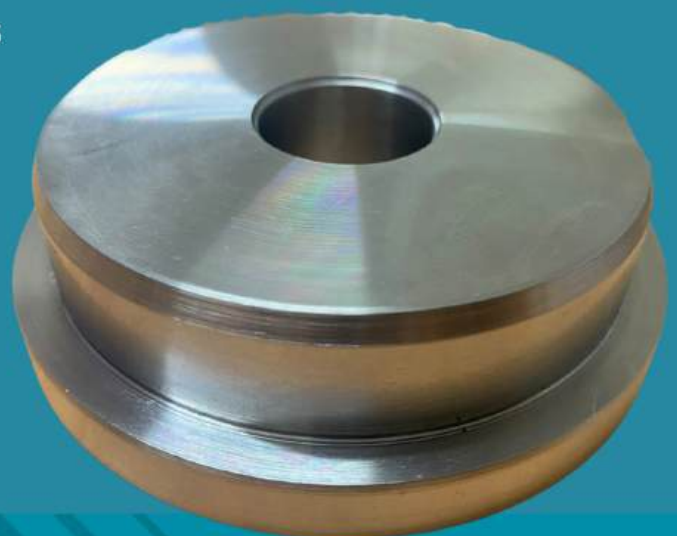
Cylinder head update and reclaim

Piston and housing

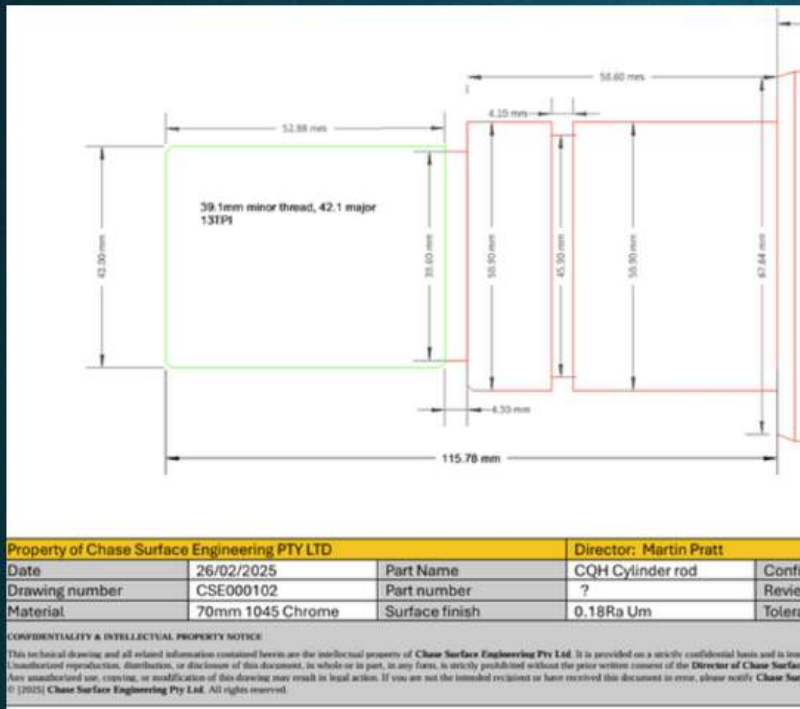
Update control valve

Broken dowel in shaft remove

Torque converter bowl update







CAD system conformance

We use a CAD-based software to design and develop planned processes and specs, this enables us to provide absolute confidence in conformance outcomes and standardised quality. Ultimately, it ensures you get what you want the first time.

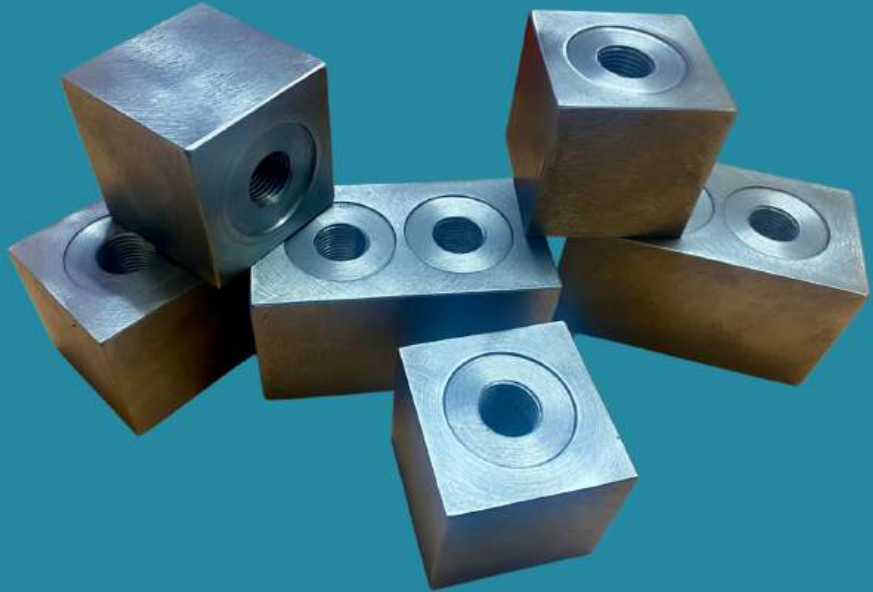
As we say at Chase, "the only thing better than getting it right is nailing it perfectly the first time"..





Grader repairs
Trunnion housings skim
Brake housings polish seal bores
Sprocket skim faces
Retainer plates
Diff lock piston repair
Trans piston fine grind
Trans housing fine grind
Drive yokes
Pump bodies
Shaft repairs

Wheel loader
Trunnion update front to a rear
Diff repair
Reaction hub
Retainer plate
Trans piston fine grind
Trans housing fine grind
Exhaust manifolds



CLIENT FEEDBACK,

1. *"Chase Surface Engineering drastically reduced our turnaround times while delivering better quality than our existing suppliers."*
2. *"We always know where our job is at, thanks to the WIP tool."*
3. *"You're the first to return service out of all our suppliers. We don't know how you do it, but keep it up!"*
4. *"Chase's Failure Analysis report turned our warranty from a cost concern into a sales opportunity. Our customer was happy because the failure can now be prevented and managed across their fleet."*

CONSULTATION SERVICES

We get it—you're busy and need answers fast. If you're facing component failure without the resources to uncover the root cause, we're your solution. At Chase, we deliver sharp, compelling fault analysis that builds clarity, protects your warranty position, and helps you make confident, informed decisions.

Accountable consultative services

- ✓ **Applied Failure Analysis**
- ✓ **PSR interpretation**
- ✓ **Root cause analysis**
- ✓ **Oil analysis**
- ✓ **Warrenty mitigation**



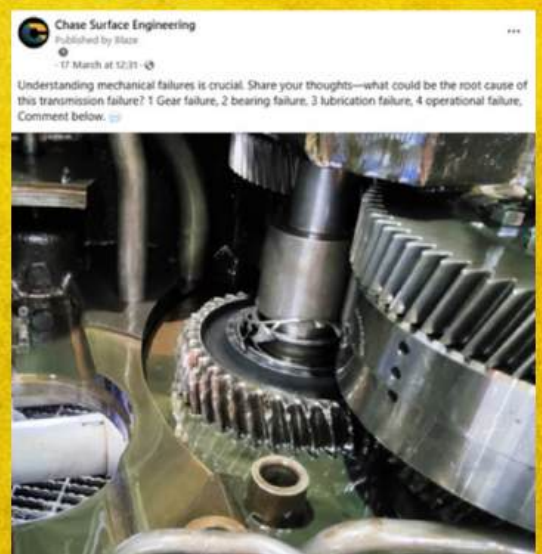


Chase tools are built not bought, our custom manufacturing process is honed to hit target and ready to replace worn, damaged or lost with our online tool store.





Chase posts on Facebook, X and LinkedIn on a weekly basis, it is the most current resource for new projects and services. So drop us a comment in an area of interest on those platforms so we can get specific information back to you.



We enjoy reflecting a great service, so why don't you tell us what you think?

Proudly Mackay is where it is at!

Chase is a proudly local, privately owned company that began in Mackay and continues to be a committed part of the Mackay heavy industry landscape. You can be assured that we're here for the long haul. Our roots are local, and so is our dedication—we care about the future of industrial manufacturing in the Mackay district and remain focused on supporting its growth and sustainability for years to come.



Martin Pratt
Director

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