

T&B ENGINEERING

MINING | FABRICATION | BLAST & PAINT



MINING



FABRICATION



BLAST & PAINT

CAPABILITIES & SERVICES

WWW.TB-ENGINEERING.COM.AU



T&B ENGINEERING

(FORMERLY T&B MINE SERVICE) WAS ESTABLISHED IN MACKAY IN 2007 AND HAS PROUDLY BEEN PROVIDING THE HIGHEST QUALITY UNDERGROUND MINING EQUIPMENT TO THE MINING INDUSTRY FOR ALMOST A DECADE.

T&B's management team consists of highly qualified professionals with over 20 years of underground mining experience and a total commitment to quality and safety.

T&B Engineering provide 'Underground Gear Built with Underground Knowledge' so you can rest assured our work has been designed, engineered and certified to suit your operational requirements.

Our dedicated team at T&B Engineering understand the importance of supplying underground mining equipment fit for purpose that has been manufactured to the highest of standards.

As a result of continued growth over the years, T&B's capabilities have expanded to include a full range of fabrication, maintenance and repair services to the industrial, mining, domestic, commercial and construction industries. To facilitate this growth, the business has grown in size and capability with the recent addition of a dedicated abrasive blast and paint facility.

MISSION STATEMENT

At T&B Engineering, we are committed to being one of Australia's leading suppliers and repairers of underground mining equipment, through excellence in design and manufacturing. We will add diversity to our offering to ensure each project is delivered safely, to the highest standard, at the best possible price, and always with outstanding customer service.

OUR SERVICES

FABRICATION

- Full workshop services for general steel fabrication
- Drafting, design and engineering – complete engineering solutions

BLAST & PAINT

- Dedicated all weather abrasive blast and paint facility
- All sectors – mining, industrial, commercial, construction and domestic

MINING

- Design and fabrication of new QDS attachments
- Upgrade and overhaul of all QDS attachments
- Overhauls and repairs of all underground equipment
- Design, fabrication, upgrade and overhaul of general mining equipment
- Hire of underground equipment (short and long term hire available)
- Underground Gear Built with Underground Knowledge

SERVICES

- Transport services ranging from a 1 tonne to a 12 tonne flat-bed truck
- Complete Drafting / Design / Engineering services
- Full project management both on and off site
- All works are completed and supplied back to the client with all reports relevant to the project
- Full site support on all equipment Australia wide



OPERATING FACILITIES

Operating from a fully equipped, 1,000sqm workshop, T&B is one of the largest suppliers and repairers of QDS underground mining attachments within Queensland.

WORKSHOP FACILITIES INCLUDE:



**ENGINEERING
WORKSHOP**



**LAY DOWN
CAPABILITIES**



**SEPARATE BLAST &
PAINT BOOTHS**
9.0ML X 4.5MW X 3.5MH



**250SQM FIT OUT &
COMMISSIONING
BAYS**



MINING

QDS & EQUIPMENT

Operating from a fully equipped modern workshop in Mackay, T&B Engineering distribute and maintain a wide variety of underground mining equipment and is one of the largest suppliers and repairers of QDS underground mining attachments within Queensland.

Our professional team offer an extensive range of QDS attachments and mining equipment for underground mines Australia wide. Whether it is for a one-off or multiple projects, we pride ourselves on being a trusted partner to both large and small mining operators.

With a focus on efficiency, safety and superior outcomes, T&B Engineering can deliver solutions for challenges of any size. You can be assured all products are built fit for purpose, with all site compliance documentation supplied.

A service team is on standby in Qld and NSW to ensure any problem or situation that may arise on site can be dealt with promptly and cost effectively.

AREAS OF EXPERTISE:

- Design / Engineer / Fabrication
- Supply new QDS attachments and mining equipment
- Repair and overhaul of all underground mining attachments and equipment
- Underground equipment hire
- Site maintenance service
- Abrasive blast and paint division
- Project management
- Transport facilities available

UNDERGROUND GEAR BUILT WITH UNDERGROUND KNOWLEDGE



BEFORE



AFTER

OVERHAUL CAPABILITIES

T&B Engineering provides full overhaul capabilities on a large range of equipment along with total rebuilds.

Abrasive blast and painting will be completed at T&B within individual booths, allowing multiple jobs to be completed at any one time.

A full scope of works will be completed on all overhaul equipment with a detailed quote supplied. We can also assist with design requirements that will suit the operation and we will conduct site visits where necessary to gain a clear understanding of the product requirements.

Our highly skilled tradespeople, coupled with our detailed management systems ensure that your equipment is overhauled on schedule, on budget and to the highest standards.

UNDERGROUND EQUIPMENT HIRE

T&B Engineering is dedicated to customer service and provides high quality machinery and equipment for hire throughout Australia. Our experienced team has significant experience in mining and is committed to supplying the best machinery and equipment on the market. Our fleet has flexible availability.

T&B can supply site service personnel to ensure all equipment supplied is maintained for operational requirements.

We have a large range of underground mining equipment that can be sourced for hire:

- QDS Attachments
- QDS Roof Bolters
- Pipe Trailers
- Underground Trailers
- Various Mining Equipment
- LHD Loaders
- Man Transporters
- Auxiliary Fans



FABRICATION

T&B Engineering supply all areas of the steel fabrication industry, and have developed a reputation for specialising in mining and industrial steel fabrication. Our well-equipped workshop allows us to carry out repairs, upgrades and modifications to a large range of equipment, by highly skilled and qualified tradespeople.

Recent projects completed:

- 2-year contract completion QDS Equipment overhaul (Oakay North Coal)
- QDS racker and bolt cassette supply (Sandvik / Ulan West)
- Underground loader overhauls (UGM Mackay)
- Auxiliary fans overhauls (G&S Engineering)
- Truck body repairs and overhauls (Bobs Bags Mackay)
- HT cable reels supply (Grosvenor Mine)
- Multiple QDS equipment new and overhauls (mining companies Australia wide)





BLAST & PAINT

DOMESTIC-INDUSTRIAL-COMMERCIAL-CONSTRUCTION-MINING

With a dedicated blast and paint facility on-site, we pride ourselves on having this service ideally located in Mackay, catering to all markets. This facility is both efficient and environmentally sound. We work to rigorous customer supplied specifications, as well as other national and international standards.

The blast and paint facilities consist of a fully enclosed blast chamber with the latest environmentally approved technology. This all-weather capability ensures our client's painting and blasting needs are met and jobs dispatched in a timely fashion.

- Dedicated blast and paint facility on-site
- Separate blast and paint booths – 9.0mL x 4.5mW x 3.5mH
- 1,500sqm lay down capabilities
- Complete corrosion protection service
- High Quality - On Time - On Budget

TRANSPORT FACILITIES

T&B Engineering offers transport throughout the Bowen Basin on a daily basis. Our transportation can be used for loads ranging from 1 tonne to 12 tonne and all transport options are available on short notice.



DRAFTING / DESIGN / ENGINEERING

Utilising the latest drafting technology, we work with our clients to design equipment to Australian Standards. We can increase productivity by reverse engineering client's equipment and enhancing them for optimum performance and longer service life – also making for safer operating.

AREAS OF EXPERTISE:

- Equipment layouts and detailed design
- Design review documentation and reporting
- Certifications of mechanical / structural designs
- Detailing and drafting drawings for fabrication
- Equipment modification documentation
- Specialised equipment design / engineering
- Operation and maintenance manuals
- Training packages provided
- Design risk assessments supplied



SAFETY & QUALITY COMMITMENT

T&B Engineering is committed to the highest possible standards of occupational health, safety and environmental management throughout its operations, adopting a complete WHS management system including:

- Training packages
- Related workshop Safety Operating Procedures (SOP's)
- Australian standard welding practices
- Incident and hazard reporting

T&B Engineering continually strives to improve health and safety, environmental and quality performances, practicing stringent quality control to include:

- Quality control systems
- NDT testing on all manufactured equipment
- Engineering certifications
- Engineered design drawings
- Design risk assessments
- Training documentation

T&B Engineering are currently working towards ISO accreditation and as such are continuously monitoring and improving our Integrated Management System for compliance.



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For more information on how T&B Engineering's experience and capability can improve your operations, contact us today.

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