

11 Success Street
Paget, QLD 4740



07 49985631

**Specialising in the Design and Fabrication of Steel,
Stainless Steel and Aluminium Works in the
Mining Industry, Sugar Industry, Ports
and Commercial Industry.**

CAPABILITY STATEMENT



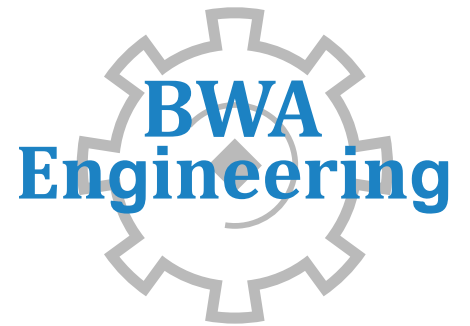
OUR COMPANY

BWA Engineering Pty Ltd is a local company established in 2004 to serve the Mackay region and mines of the Bowen Basin. Due to the vast expansion of Mackay, BWA has grown from a one man business into a thriving company. BWA have the capability to man up for large construction jobs with over 100 personnel.

Director, Brian Archer has more than 40 years experience in the steel fabrication industry. BWA specialises in a broad range of steel, aluminium and stainless steel fabrication for the mining, sugar and construction industry. We provide services in general and shutdown maintenance, plant erection, equipment fabrication, general construction and architectural metalwork.

PROFESSIONAL AND EXPERIENCED





QUALITY AND
PERFORMANCE,
FROM A FAMILY
OWNED COMPANY

We are a dynamic family run company who prides ourselves on employee retention and creating an enjoyable work environment. BWA believes this is the best way to achieve quality results and keep our clients happy.



Services



Rolling and Pressing

CNC 250 tonne Press Brake
Capable of Pressing Sheets
up to 4m Wide
3m Wide Rollers
Capable of Rolling 3m Wide,
16mm Thick, 1m Diameter
Can roll up to 32mm Plate
Depending on width and
Diameter



Survey and Drafting

BWA Engineering use a variety of AutoCad software to model 3D drawings and produce fabrication drawings. Accompanying this level of 3D modeling with 3D Laser scanning capabilities we are able to accurately design and construct steelwork to suit existing structures.



Machining

BWA Engineering have in house machining equipment including 2 lathes up to 780 swing and 600 x 220 x 310mm milling machine. This provides our customers with the most economical pricing as machining is completed in our own workshop and not outsourced to another company.



Project Management

BWA are able to manage large fabrication and installation projects with their highly experienced project managers and site managers that have a variety of backgrounds from boilermaking and electrical to engineering.



Stairs, Walkways and Handrails

We provide services to industrial plants, commercial buildings and residential houses and apartments. Industrial and Architectural Stairs, Walkways and Handrails can be fabricated in our Mackay Workshop typically from Stainless Steel or Galvanised Steel. The galvanised steel can then be painted to the customers choice of colour. We can also fabricate walkways and ladders in aluminium where reduced weight is required.



Concreting

BWA Engineering are capable of completing small to medium size concrete works with our own concreters and finishing equipment. We have completed concrete works for Industrial Sheds, Plant Slabs, Dozer Pads, 200m Driveways and many more. By having our in house concreters we are able to finish jobs more efficiently and provide an easier process for our clients. We also provide services in concrete demolition, cutting and drilling.



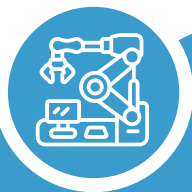
Architectural Fabrication

Traditional or modern, bespoke or everyday, we can fabricate architectural pieces from a variety of different metals to suit our clients needs. We can fabricate staircases, balustrades, handrails, gates, gratings, screens and general architectural metalwork pieces for a large variety of applications



General Metal Fabrication

Our workshop is fully equipped to service a wide range of fabrication applications in Steel, Stainless Steel, Aluminium, Brass and Cast Iron. With our in house CNC Plasma Cutter, 250T Brake Press, 3m Wide Rollers, Dual 10T Overhead Cranes and a large variety of bending, rolling and machining equipment we can fabricate the majority of our work in house without relying on other companies for processing.



CHPP Maintenance

We service and install all mechanical wash plant components including: Structural Steelwork, Grating, Handrails, Stairs, Walkways, Roofing Pipework, Tanks, Launderers, Feed Boxes, Underpans, Hoppers, Grizzlies, Conveyor Systems, Rotary Breaker Stations, Spirals, Vibrating Screens, Flotation Cells, Magnetic Separators, Cyclones, Sieve Bends, Belt Press Filters, Drum filters, Filter Belts, Overhead Crane, Pumps and Sumps, Apron Feeders +more



Pipe Work

BWA can fabricate Carbon Steel, Stainless Steel and Poly Pipe in our Mackay Workshop and on site if required. Whether the pipe is gravity fed or under high pressures we can design and fabricate a system to suit your needs.



Structural Steel Fabrication & Erection

BWA Engineering are licenced under the Queensland Building and Construction Commission (QBCC) for Structural Metal Fabrication and Erection. QBCC #15024511 Steel Erection projects begin with our in house draftsman who model the structure in a 3D environment. This gives our clients the best visual experience of what they will be receiving on site and mitigates the errors in the fabrication process.



Industrial Blasting and Painting

With our blast and paint facilities we are able to abrasive blast and paint a variety of different jobs in 2 Pack Paint and Enamel Paints to your project specifications.

Industrial Works

Mine Maintenance, CHPP Maintenance & Mill Maintenance

BWA have completed major extension projects on existing Coal Handling and Preparation Plants (CHPP's) and Sugar Mills. We also complete other general mine maintenance including works on large earthmoving equipment, pipework, refurbishment of plant and equipment. By providing our own Boilermakers, Riggers, Fitters, Electricians, Operators, Supervisors and Project Managers for projects we have successfully completed fabrication, installation and refurbishments on the following works:

Structural Steelwork, Grating, Handrails, Stairs, Walkways, Roofing
Pipework, Tanks, Launderers, Feed Boxes

Grizzley

Hoppers

Underpans

Vibrating Screens

Pump Frames

Conveyor Systems

Rotary Breaker Station

Spirals

Vibrating Screens

Cyclones

Magnetic Separators

Sieve Bends

Belt Press Filters, Drum filter

Thickener Tank

Overhead Crane

Pumps and Sumps

Apron Feeder

Flotation cells

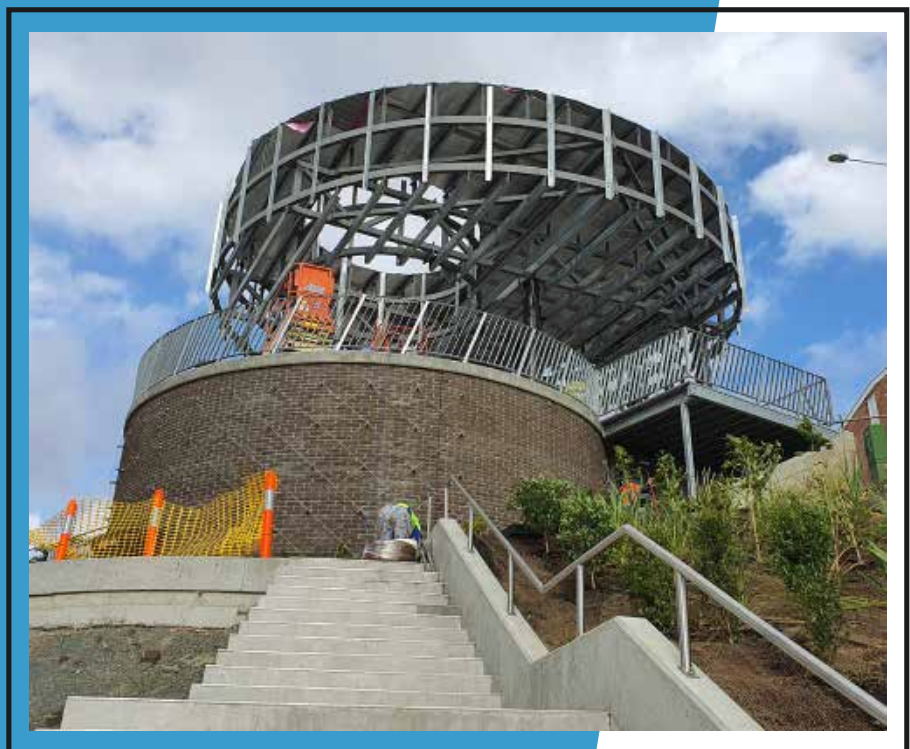


Structural Steelwork

Commercial, Industrial and Residential Steelwork

BWA Engineering are licenced under the Queensland Building and Construction Commission (QBCC) for Structural Metal Fabrication and Erection. QBCC #15024511 Steel Erection projects begin with our in house draftsman who model the structure in a 3D environment. This gives our clients the best visual experience of what they will be receiving on site and mitigates the errors in the fabrication process. BWA Engineering have their own dedicated team of riggers and dogman who take delivery of the steel on site and are responsible for erecting it. Some of the works we have successfully Completed include:

New Shed Construction and Industrial Buildings
School Buildings and School Halls
Plant and Equipment Decks
Extensions to Existing Buildings
Architectural Structural Steelwork
Stairs, Ladders, Walkways, Balustrades and Handrails



Steel Processing

Pressing, Rolling and Cutting

BWA have the following processing capabilities:

CNC 250 tonne Press Brake

Capable of Pressing Sheets up to 4m Wide
Please contact for width and thicknesses

3m Wide Rollers

Capable of Rolling 3m Wide, 16mm Thick, 1m Diameter
Can roll up to 32mm Plate Depending on width and Diameter

CNC Plasma and Oxy Cutting

3000x1500mm Bed

Capable of cutting Stainless Steel up to 20mm, Aluminium up to 20mm, and Carbon Steel up to 100mm.

Machining

BWA Engineering also have a variety of lathes and a milling machine to help keep processing under one roof.

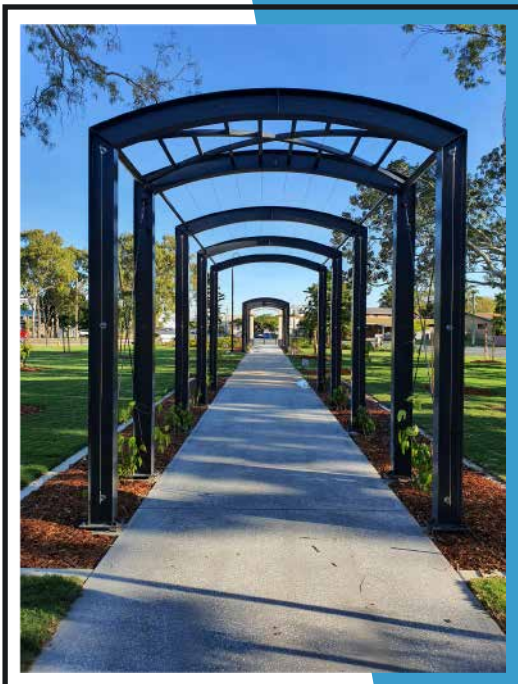


Architectural Metal Work

Architectural Works



Along with the commercial and Industrial works, BWA also has a flare for design and have completed many architectural works. Traditional or modern, bespoke or everyday, we can fabricate architectural pieces from a variety of different metals to suit our clients needs. We can fabricate staircases, balustrades, handrails, gates, gratings, screens and general architectural metalwork pieces for a large variety of applications.



CAPABILITY STATEMENT

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