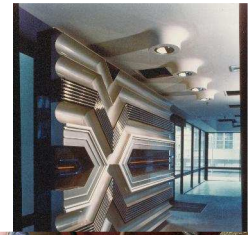


Capability Statement



CONTENTS:

- Introduction
- Mission & Vision
- Organisational Chart
- Business Units
- Workers Co-operative
- Key Contacts

INTRODUCTION

C-Mac Industries is a specialist sheet metal and engineering manufacturer with significant expertise in niche areas of manufacturing:

Sheet Metal Fabrication

CNC Precision Machining & Gear Cutting

Horticultural & Nursery Equipment

Material Handling Products & Projects

Industrial Acoustics

Maintenance

Design Services

3D Printing

Insulating Oil Treatment Equipment

QUALITY ASSURANCE CERTIFICATION

AS/NZS ISO 9001:2015

Registration Number: 355

Certification Date: 13th December 1996

Recertification Date: 12 December 2017



C-Mac Industries Pty Ltd is comprised of project managers, project engineers, electronic engineer tradesmen, apprentices, toolmakers, fitter welders, sheet metal workers, electricians, fitter machinists, design and maintenance engineers all with experience in our specialised fields.

We provide **high quality, high value** "Innovative solutions" to our Australian and overseas customers. Sustaining jobs and manufacturing in Australia. We cater for one off small run jobs to special project work for many industries.

C-Mac Industries Pty Ltd competitive advantages:

1. Extensive facilities and equipment
2. Good reputation since 1966
3. Diversity of skilled staff
4. Niche products providing short lead times
5. Quality assured - AS/NZS ISO 9001:2015

As a family business, we strive to provide Innovative Metal Solutions to solve our customers' problems. We believe that **the versatility of skilled and experienced staff, advanced & diversified range of machinery in house will ensure** quality products and services are delivered as customers require.

As an **Australian Made and Owned Company for over 52 YEARS**, C-Mac Industries sustains values through training, workplace behaviors, contract selection and customer/supplier relationships. We believe the commitment to our mission and vision separates us from our competitors.

C-MAC'S MISSION

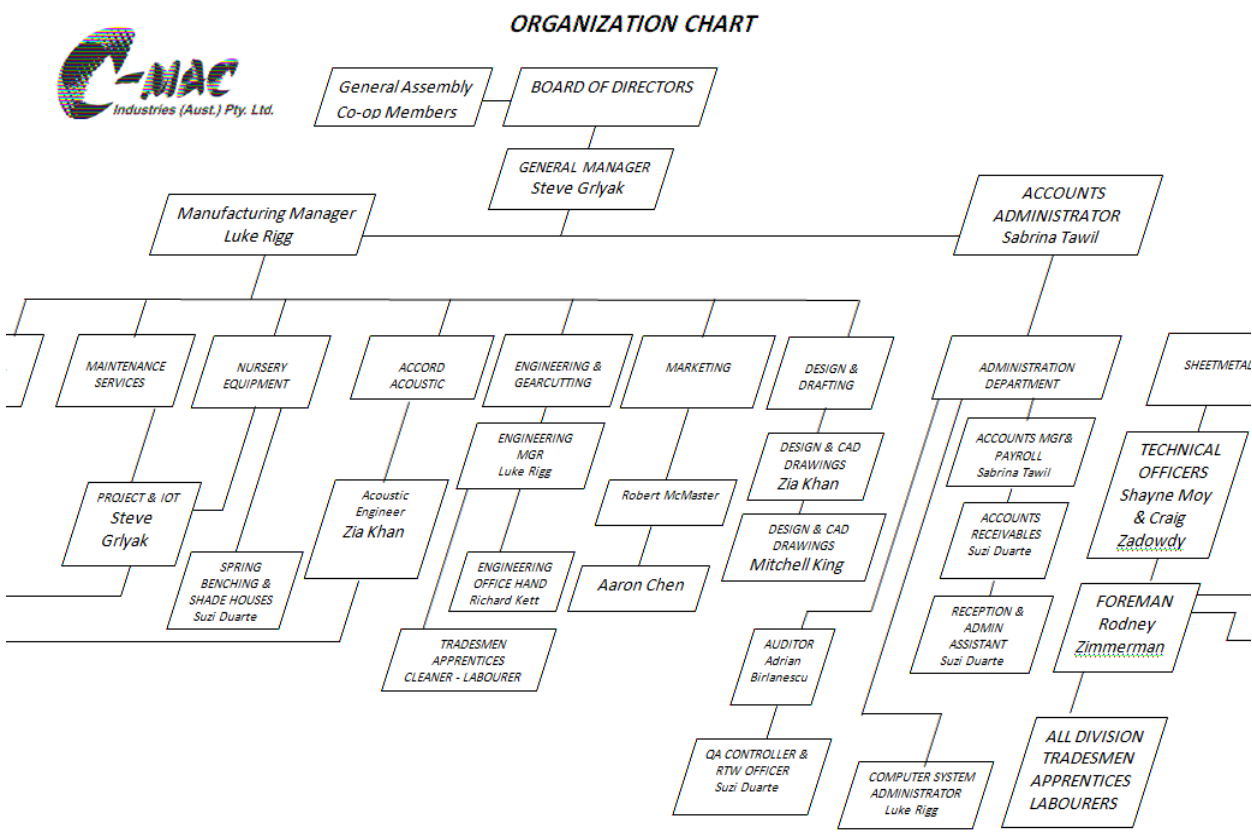
- To provide high-quality, high-value innovative metal solutions to our Australian and overseas customers.
- To achieve this through the skilled, safe hands of our trades people.
- To make a difference to our clients and reassure them, through the creation of fabricated metal products, which we are proud to make and they are proud to own.

C-MAC'S VISION

- Continue to expand as an innovative business and support the local community
- Clients continually receive value for the money they are investing, in their C-Mac manufactured solution and being reassured by knowing that their work is in safe hands
- Ongoing training of apprentices and staff, builds skills for the future, and sustaining Australian manufacturing

ORGANISATIONAL CHART

Our people are the point of separation between us and our competitors. The leadership group is outlined below and full Job Specifications are available upon request.



Humbly started in a garage more than 52 years ago, C-Mac's founder Cliff McMaster was able to fabricate stainless steel exhaust manifolds for inboard ski boats, which were **something very special and hard to obtain** at that time. To this day, C-Mac provides "**innovative sheet metal solutions**" by manufacturing items, products and equipment that customers have trouble sourcing or getting designed and manufactured **is still a core principle**.

C-Mac specialises in:

- Purpose built products & components
- Component engineering
- Emergency break down services
- Restoring damaged parts
- Metal products and component prototyping
- 3D Printing and Drafting Service
- Installation & service work
- Transformer oil recovery equipment
- Industrial noise control designed, manufactured and installed



Sheet Metal Fabrication



Sheet Metal Fabrication



Sheet metal Services in-house and Onsite

Cover every aspect of sheet metal fabrication including cutting, folding, notching, pressing, perforating, guillotining, punching, TIG, MIG and oxy welding, bending, forming, rolling, corrugating, lock seaming, cropping, drilling and painting are all done at C-Mac. Laser cutting, water jet cutting, wire cutting, and tooling services are also available.

Metal Products

Custom metal products and metal components including transitions, walkovers, walkways, hand rails, platforms, cabinets, frames, architectural features, structural components, building projects & installations, enclosures, cubicles, tanks, hoppers, chutes, air & dust ducting, housings, panels, racking, screens, drip trays, architectural work, machine covers & guards, bench tops, machinery and many more.

Material in use

Stainless Steel, Mild Steel, Galvanized Sheet, Aluminum, Zinc Annealed Steel, Structural Steel BHP sections, Perforated Steel, Woven and Wire Mesh, Expanded Mesh, Bisalloy, Zinc, Titanium Zinc, Copper, Brass, Plastic, Cast Iron, Incoly, Manganese Steel, Cor-ten weathering steel and more.

Area

Sheet metal workshop - 1,550m² Office - 234 m² Yard – 2,000 m²

Trades Staff

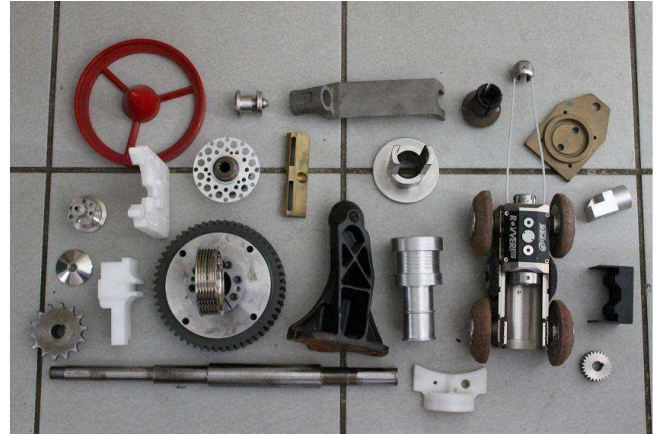
Sheet metal workers, fitter welders, boilermakers, fitter machinist, toolmakers. Trades assistants and general hands.



Engineering & Gear Cutting



Engineering & Gear Cutting



Engineering & Gear Cutting Services (in-house and Onsite)

CNC precision engineering, component engineering, repetition engineering, reverse engineering, re-engineering and precision machining. Precision machining includes: CNC milling, CNC turning, drilling, grinding, broaching, fitting, splining, keyway cutting, threading, sawing, reaming, tapping, boring and gear cutting.

Metal & Plastic Products

1. Pins, pulleys, fittings, threading, rollers, screws, shafts including couplings
2. Piston control valves, brass inserts, neck rings, shaft sleeves, hose connector, nuts (domed, elbow, lock), nipples, nozzles, sockets, rods, bleed screws, studs, plugs, pistons, rivets, valves, spindles, bolts, tubes, transmission drives, bearings, jigs and special purpose machinery components
3. Gears such as spur gear, helical gear, worm gear, herringbone gear, sprockets, etc

CNC Precision Component Materials

- Stainless steel, aluminum, incolloys, copper brass and bronze, alloy steels, castings and forgings, bronze
- Special steel, high tensile and hardened steels
- Plastics and engineered plastic, felt and synthetic materials including urethane and rubber
- Composite fibre

Area

- Engineering workshop - 510m² workshop -510m² Yard -2,000m²
- Gear cutting workshop - 260m²

Trades Staff

CNC Machinists, Fitter Machinists, Mechanical Engineers, Toolmakers, Sheet metal workers, Fitter welders and Boilermakers.



Horticultural and Nursery Equipment



Horticultural and Nursery Equipment



Horticultural and Nursery Equipment

1. Nursery benches and shade houses
2. Manual potting equipment such as potting station, potting bench & hopper, potting trailer, dispatch bench, potting bench & shelf, pot accumulator
3. Potting machines such as continuous conveyor potting & mixing machine, Javo soil drills and C-Mac potting machines
4. Soil mixers
5. Many different types of trailers
6. Steam sterilising and steam pasteurisation system
7. Other horticultural and nursery equipment such as trommel system, pot handlers, pallet racking, trolley, rotating table, rolling benches, trough benches.

Competitive Advantage

1. High quality - AS/NZS ISO 9001:2015 Certificated
2. Short lead times
3. Customisable - any special orders are at a minimum cost due to our modular system
4. Reduce transport cost - most of our equipment can be supplied in flat pack/kit forms
5. Product Part ID System - make it extremely easy for re-ordering or replacing parts
6. Your jobs are in safe hands - market leader in the industry with over 52 years experience



Material Handling Products & Projects



Material Handling Products & Projects



Material Handling Products & Projects

1. Bagging machines include Ezi-Bagger Machine, Gravity Bagger, Bulk Bagger, Bagging frames, Bulk Bagger Filling Lines, Bag Flattener, Bag Sealers, Emergency Sand Bagger
2. Conveyors include Mobile conveyors, Drum Spiral Conveyors, Custom Design Conveyors
3. Feeder Bin and Vibration Feeder
4. Automated solutions (material handling solutions) for "a bottle-neck, WH&S issue, inefficient process, dust problem, blockages, conveyor spillage, loading/unloading issues, plant upgrade, lubrication problems, don't know how to move something issues

Competitive Advantage

1. High Quality – certification to AS/NZS ISO 9001:2015
2. Short lead time
3. Versatility - wide range of versatile trades people and equipment readily available
4. Reduce transport cost (equipment can be supplied in flat pack)
5. Product Part ID System - making it extremely easy for re-ordering or replacing parts
6. **Your jobs are in "safe hands"** - market leader in the industry with over 52 years experience



Insulating Oil Treatment (IOT)



Oil Reconditioning Equipment Manufacture

- a. Fabricate and engineer the equipment according to our in-house design
- b. Machine update/ spare part replacement

Oil Reconditioning Service

- a. Maintenance: regular service and maintenance contracts
- b. Operator training
- c. New machine commissioning

Competitive Advantage

- (1) High quality machinery and services - AS/NZS ISO 9001:2015
- (2) Short lead times
- (3) Convenience - product and service packages available
- (4) Customisable - mobile or free standing for treating the oil to different conditions
- (5) OEM benefit - made & serviced in Australia therefore spare part supply is readily available
- (6) **Your jobs are in "safe hands"** - market leader in the industry with over 25 years' experience



Maintenance and Design



Maintenance Services in-house and onsite

1. Reverse engineering and re-engineering collaborating with sheet metal fabrication workshop in-house
 - Restored damaged machinery/parts /components
 - Imported parts /components replacement
 - Machinery emergency breakdown
 - Plant constructions and upgrades
 - Rectifications and onsite Installations
2. Insulating Oil Treatment (IOT) Machinery Maintenance
 - Detailed inspections
 - Record details of all components for any future spare parts requirements
 - C-Mac provide a detailed "Service Report" listing recommended service requirements
 - Recommend any short term and/ or long term repairs
 - List any recommended equipment updates and improvements

In-house Design

1. Supply professional and accurate mechanical design services and design calculations
2. Produce professional, accurate and easy to read manufacturing drawings using 3D CAD software
3. Designers with Industrial experience show the finished product before you start manufacturing

Industrial Acoustics



[C-Mac manufactures and distributes a variety of quality noise control products and noise control systems/structures](#) to solve the noise problems for your unusual and complex noise control applications.

We provide customized industrial acoustic products **in a timely and cost-effective manner**. With C-Mac, your specific project needs and performance goals will never be compromised.

C-Mac's designed noise control and sound proofing products and installations solve excessive noise problems. Our experience and expertise ensures that all installations are designed with the comfort of both the users and their neighboring businesses or community in mind.

C-Mac **Acoustic Silencers** are manufactured to resolve many in-plant noise problems. They provide [quality sound engineering solutions](#) for numerous applications in the industrial and commercial sectors.

C-Mac **Acoustic Enclosures** are designed to provide [optimum noise control](#) through sound absorption and sound transmission loss. They provide a high level of noise reduction, for both internal and external applications.

C-Mac **Industrial Acoustic Doors** are a specialist industrial sound proofing solution for noise leakage problems where poorly fabricated and fitted doors exist.

C-Mac **Industrial Acoustic Louvers** are specially designed to control noise to an area with minimum restriction to airflow. Our acoustic louvers make the ventilation process more efficient and help create a safe and friendly work environment for workers.

C-Mac **Industrial Acoustic Exhaust Sound Attenuators** are purpose built sound attenuators with removable and re-packable internals. Acoustic Attenuator controls noise generated by air or gas flows while providing sufficient airflow for the applications. The main reason to use acoustic attenuators for noise control in an industrial environment is that excessive industrial noise will cause damage to staff's hearing and may lead to hearing loss.



Capability Statement

KEY CONTACTS

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As an Australian Made and Own Company for over 52 years, we strive to provide you “**Innovation Metal Solutions**” and make sure “**Your Jobs Are In Safe Hands**”.

More information about C-Mac Industries Pty Ltd, please visit www.cmac.com.au