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COMPANY OVERVIEW

The NEM Group is an Australian owned engineering company that combines advanced CNC machining technology with smarter engineering practices to be your one stop shop for quality fabrication work. We offer cutting-edge manufacturing services in design, machining, construction and project management - through to installation and commissioning of superior structures and components.

Our business is built on the principles of quality and safety. This has allowed us to be recognised for core values of trust, integrity and dependability across a broad range of industry sectors.

We are committed to providing smarter engineering services for efficiency, while maintaining competitive lead times and cost effective solutions to meet our clients specific requirements.

At NEM Group our vision is to continue to grow through building strong partnerships with clients and suppliers.
COMPANY HISTORY

The NEM Group was founded in 1997, as a steel fabrication company providing services to mining, sugar, maritime, petroleum and energy industries. With years of experience in the construction industry, Director Bill Nochevan recognised the need in North Queensland for a fabrication company to offer more than just a welding service.

Due to growth over the years, a new state of the art technology centre was built in Townsville in 2014. We significantly increased our cutting capabilities, with the addition of a Trumpf 8kw laser and Kinetic K2500 Plasma to our existing machinery. Three years later in 2017, we relocated NEM Welding to our new purpose built fabrication workshop at our McHugh Court Facility, along with the addition of Davi Plate Rollers and Roundo Section Rollers.

The NEM Group is now proud to offer a complete range of services that comprise of drafting and design, cutting, rolling, machining, fabrication, installation, project management and maintenance services customised to meet our clients’ needs.

These solutions, combined with our exceptional customer service and ability to manufacture quickly and cost effectively have resulted in a broad client base over countless sectors and regions throughout Australia and internationally.

Our rapidly expanding team of skilled staff are dedicated to providing unique solutions and options to suit your scope.
QUALITY

At the NEM Group we have built our business on the principles of quality and safety, allowing us to develop a trusted name across many industries. Our skilled team have manufactured a strong identity of smarter engineering services and are committed to providing excellence while maintaining competitive lead times and value for money.

Along with our own in-house quality assurance practices, in 2010 we attained third party Quality Assurance Accreditation AS/NZ 9001:2008. The NEM Group have the experience to ensure your quality requirements are continuously met through our capable staff and desire for excellence.

We offer documentation to meet your specifications:
- ITPs (Inspection Test Plan)
- Certificate of Compliance
- Material Certificates
- Coating Certificates
- Galvanizing Thickness Reports
- Other documentation as per specification
- MDR

"Our skilled team have manufactured a strong identity of smarter engineering services..."
SAFETY

The NEM Group is dedicated to managing high standards of health and safety across all aspects of our business to support incident free work sites.


We are committed to maintenance and continual development of our safety systems to meet the stringent ISO standards as well as our own internal policies & procedures.

Implementation of a comprehensive safety management system ensures that standards are understood and responsibilities are clear to all employees. The effective involvement of all staff and sub-contractors in following these procedures ensures we all work together to reduce risk and prevent injury.
OUR FACILITY

Our brand new advanced technology centre is located in Stuart, Townsville and occupies over 20,000m².

State of the art cutting equipment has been installed into Townsville Laser Cutting’s premises to perform quick, high precision services for our client’s requirements. Whether you require heavy duty parts, cleats, fittings or etched signage, our workshop can cater for your needs.

Our exciting new facility is capable of producing approximately 1000 fabrication hours per week and hosts the only Trumpf 8kw / 6mtr laser in Australia.

“Whether you require heavy duty parts, cleats, fittings or etched signage, our workshop can cater for your needs.”

Our brand new, purpose built fabrication workshop, combined with the adjoining TLC Advanced Technology Centre occupies 4000m² which is located on over 20,000m² of land. Our TLC Centre is equipped with 2 x 10 Ton Overhead Cranes whilst the Fabrication Shed has one 8 Ton Over Head crane.

We employ qualified tradespeople, project managers and estimators, and have a compliment of personnel at our disposal to supply site labour, supervision and project management for various scopes of works.
PLANT AND EQUIPMENT

PROCESSING
- Trumpf L5060 8kW Laser Cutter 6m x 2m (up to 50mm Cutting)
- Trumpf L4030 4kW Laser Cutter – Fitted with RotoLas (Pipe, RHS Cutting)
- Kinetic K2500 Plasma Cutter
- OMAX Water Jet Cutting Machine
- 350t LVD 12 Axis CNC Press
- Davi CNC Plate Rollers (4 Roll)
- Roundo Sectional Rollers
- Lissmac L1000 Linisher

We also have a range of smaller varying rollers and pan brake presses at our disposal. See our CNC machinery brochure for individual machine capabilities.

FABRICATION
- AS500 Diesel Welding Machines, DC Inverters, MIG welders, TIG welders
- Bandsaw 600 Diameter Cut
- Certified Lifting Equipment
- Guillotine 3 meters x 6mm
- Magnetic drills, drop saws, various grinders
- Mazak Lathe
- Milling machine
- M.I.G & Surface Tension Transfer Welding Machines
- Mobile workshop container 240 volt supply
- Overhead Crane 8.5 Meter Hook
- Oxy & Acetylene sets, T.I.G sets
- Oxy pipe cutters, ladders,
- Plasma, ACDC high frequency
- Radial arm drill
- Robco 5/1 Wood Station
- Mobile Scaffolding
- Timber Drum Sander
- Quick stage scaffolding

VEHICLE FLEET
- Site compliant 4x4 Vehicles
- 20 Ton Franna Crane x 1
- Bobcat
- Tipper Truck 4.5 ton
- Flat bed Truck 12ton
- Site Compliant Truck 4.5 ton
- Hyster 5 ton Forklift
- Hyster 2.5 ton Forklift

We also have a range of smaller varying rollers and pan brake presses at our disposal.
SERVICES

1. PROJECT MANAGEMENT

NEM Group can coordinate a turnkey package for your project; including design, manufacture, supply and installation.

NEM group employs experienced and qualified staff to professionally manage your project, and reduce any risk involved.

2. DESIGN

NEM Group have the ability to provide all of your 2D & 3D engineering design and drafting needs through the use of AutoCAD and SolidWorks.

AUTOCAD DESIGN

AutoCAD is a software application intended for 2D and 3D computer aided design/drafting (CAD). A draftsman can use AutoCAD to develop a wide variety of different drawings, such as structural design plans, chutes, conveyors, etc. The list is endless.

3D SOLIDWORKS MODELLING

3D solid modelling is a fundamental feature in today’s industrial design applications. Here at NEM Group we use a program called SolidWorks, and it is completely based around 3D computer aided design. Similar to AutoCAD, a draftsman will use SolidWorks to develop and simulate a range of different designs/drawings which can be a lot easier to interpret as a 3-dimensional model.

ENGINEERING DESIGN

The engineering design process is the formulation of a plan to help an engineer build a product with a specified performance goal. This process involves a number of steps, and parts of the process may need to be repeated many times before production of a final product can begin.
3. PLATE CUTTING AND FORMING

NEM Group has some of the most advanced cutting and forming equipment in Australia. With 2 Trumpf Laser cutting machines, a kinetic K2500 plasma/oxy cutting station and an OMAX Water Jet cutting system, we can cut any shape into almost any material. Our best tolerance is ±0.02mm.

We also have a set of Davi Plate rollers which are capable of rolling 40mm plate at a width of 3 metres. In addition to this we have an 11 axis, 350 Ton LVD CNC Brake Press.

Having the combination of our CNC Cutting equipment, Davi plate rollers and the LVD 350 Ton Press, Paired with the latest in CAD 2D and 3D programming software, NEM Group is your one stop shop for all of your plate processing needs.

If you need any more information on our cutting capabilities, please contact NEM Group for individual machine brochures.

LASER ECONOMIC

For an economic solution, the laser Machining Centre uses easy programming, optimised processing sequences and automated loading and unloading to give a very cost effective solution.

4. FABRICATION

NEM Group specialise in light to heavy fabrication. We employ multiple tradespeople in varying disciplines to ensure we have the suitably qualified personnel to complete the job at hand.

5. PIPES AND VESSELS

NEM Group have the ability to fabricate any of your pipe and vessel needs, With Pipe rollers, automatic welding equipment and certified welders.

6. POLY PIPE

Poly pipe welding, small to large pipe and fittings

7. ON SITE MAINTENANCE

NEM Group has a large team of full time tradesman and supervisors ready to be mobilized to your site. Our staff have competencies in confined spaces, working at heights, EWP, Cranes, inductions, and many other qualifications. We also have a large range of site equipment ready to go at short notice.

8. HYDRAULICS

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### LASER ECONOMIC

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<tr>
<th>L5060</th>
<th>L4030</th>
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<tr>
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<td></td>
</tr>
<tr>
<td>6000 x 2000mm</td>
<td>4000 x 2000mm</td>
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</tr>
<tr>
<td>THICKNESS</td>
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<tr>
<td>Mild Steel</td>
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<tr>
<td>Aluminium</td>
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<td>Stainless Steel</td>
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<td>Accuracy</td>
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<td>PIPE</td>
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<td>Max. OD</td>
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<tr>
<td>Max Length</td>
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Located centrally to the country’s largest sugar regions...

INDUSTRIES

NEM Group has vast experience servicing multiple industries. An integral part of the growth of NEM Group has come from the mining sector, with over 20 years’ experience on a broad range of jobs ranging from laser cutting and etching of tags, through to wear packages, shutdown maintenance, and large fabrication projects.

Based in the heart of Australia’s sugar growing region, the sugar industry we also have vast knowledge and experience gained from working with Australia’s top sugar producers.

More recently we have also taken on projects in the maritime industry with port works. We deal daily in this sector and are happy to work with any schedules that the port and shipping industry hold. On top of this, we are currently taking on an in-house project of building a 65 foot Catamaran.

In addition to this we are also experienced working in the architectural, manufacturing and many other industries.
WHY CHOOSE NEM GROUP?

Our diverse range of skills and equipment ensure we can produce parts, products, fabrication or site maintenance work customised to your individual requirements, we understand that every customer and job has diverse specifications.

NEM Group have constructed a respectable reputation by providing quality products, services and tailored solutions to reduce costs and downtime. We have established and continue to maintain long term relationships with high profile mining, minerals, sugar and maritime companies.

We welcome inspections of our workshops where our team of experienced staff are available to discuss your projects in detail. Alternatively, we can visit your office or site if required.