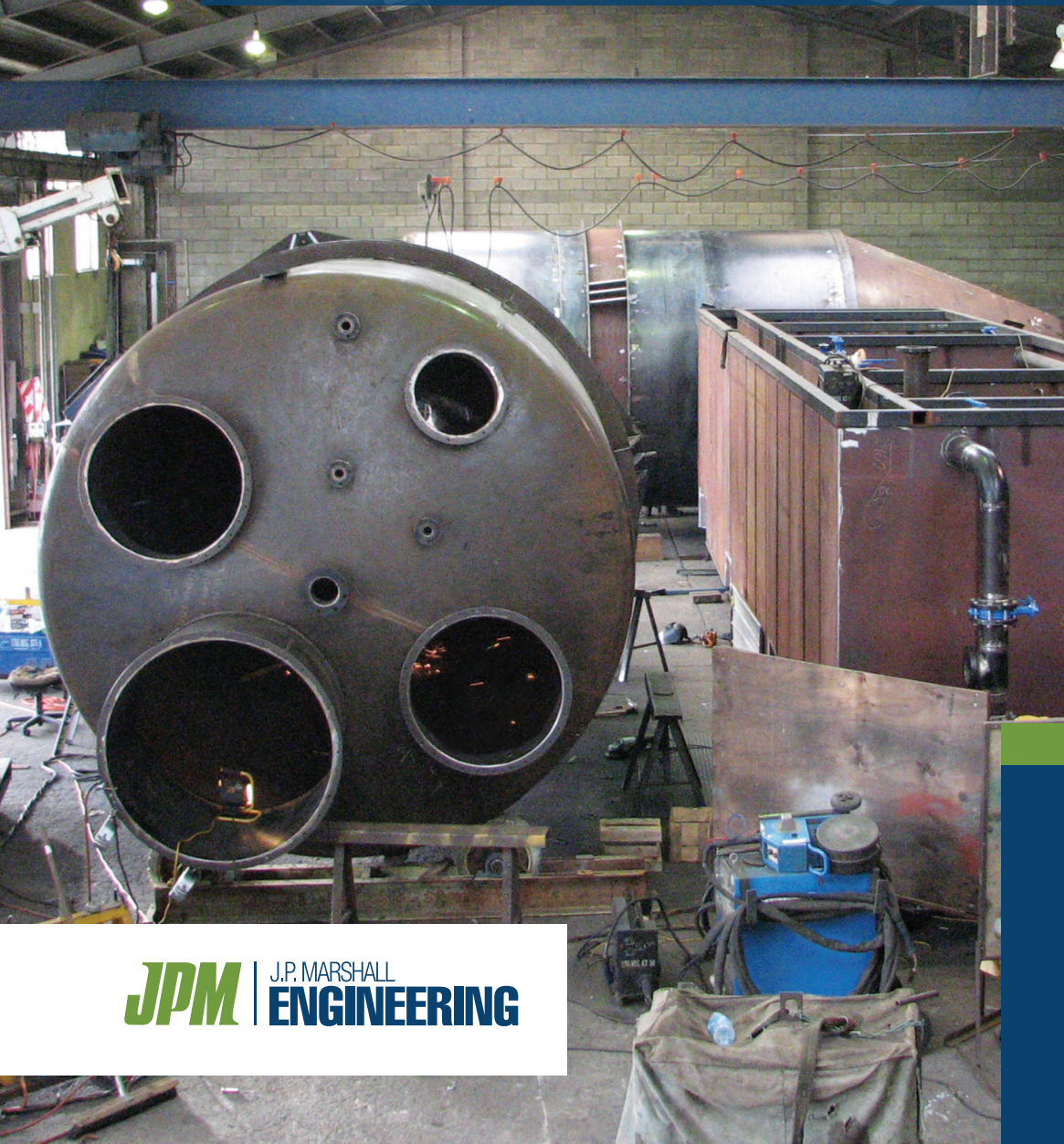


Engineering is in our **BLOOD**



JPM | J.P. MARSHALL
ENGINEERING



65 cubic metre flour silos



Cement feed hoppers



30,000 litre emulsion tank



Hydro power station draft tube

In 1952 Jock Marshall founded J.P. Marshall & Co. where the workshop initially focused on the repair and maintenance of heavy earthmoving equipment and general engineering processes and fabrication. As the business grew, it became more involved in providing a wide variety of expertise in many areas of steel fabrication.

In 1983, Jock's son Peter and dedicated employee Kerry O'Neill joined forces. They formed a business partnership and took over the running of the company. As time progressed, a fully equipped machine shop and profile cutting service were added. They continue today with the proud tradition of offering engineering excellence using the very latest technology.

“We continue to take total ownership of every project and thrive on the challenge of jobs which require solutions that don't necessarily come out of the box. You can be sure we have the skills, industrial knowledge and resources to keep down time to a minimum. Most importantly, we guarantee our workmanship 100%.”



2 x LT 500 water purification hoppers

JPM | J.P. MARSHALL
ENGINEERING

OUR EXPERTISE

Every month we handle more than 350 fabrication and machining jobs covering a wide range of industries:

- Repairs and Maintenance.
- Cement Industry.
- Drilling and Piling.
- Materials Handling.
- Building and Road construction.
- Energy.
- Aluminium Process Industry.

Fabrication

- Construction of structures, machines and any other equipment, you as a client require.
- Metal preparation, welding and assembly.

Machining

World wide research has shown that breakdown is normally seven times more expensive than regular maintenance.


- Your machinery and equipment are maintained, repaired, or rebuilt by our professional engineering team – a complete engineering service at one location.
- Includes turning, milling, boring and drilling.
- An on-site engineering breakdown and maintenance service is also provided.
- Build up and line boring.

Profiling

- Fast and precise plate cutting.



3 metre pinch rollers with 400 tonne, press brake in background



We are a one stop shop offering everything you need in the areas of fabrication, machining and profiling. This means we don't need to out-source work which enables us to offer you quicker turn-around times, the ability to pull deadlines forward, tighter quality controls and total cost accountability.

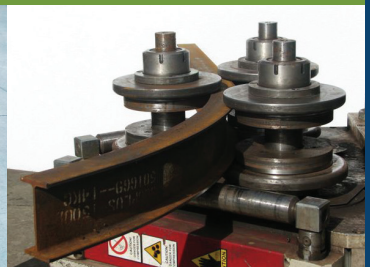
Access towers and walkways



Pipe welding



Variable pitch stainless steel auger flighting



Section Roller

HOLCIM SITE - HOROTIU

Plant Erection

"The plant arrived in a thousand bits with no plans apart from the final layout. Mike and the team from J.P. Marshall Engineering sorted, attached and erected as well as sorted out a few of the problems with the manufactured plant that arrived. It was an impressive effort that was carried out thanks to an indepth knowledge of plant erection, logic and the art of deduction. I would strongly recommend that this team is used for similar projects in the future no matter where they are."

Assessor: Ross Saunders
Arrow International

Plant Structural Steelwork

"J.P. Marshall are a quality company employing the highest quality employees. Mike Winchester's knowledge and experience, saved the consultant, the client, and the project more than once. He manages a top team with the highest efficiency while maintaining safety and quality standards and programme. A great experience to work with this company and their people. Recommended for all types of structural steel works."

Assessor: Ross Saunders
Arrow International





Cement batching plant

FABRICATION



The workshop fabricates a wide variety of equipment for the grain, meat, stock food and timber industries. Bin hoppers, tanks and silos and associated handling equipment including belt and screw conveyors, drag chains and elevators are all supplied.

We also manufacture exploratory drilling rigs, piles and associated tooling. Our design team has the knowledge and experience to design and build one off projects upon request.

Structures also feature prominently in our work. We fabricated and installed the four, 40m high lighting towers complete with 6m high lighting support structures for Hamilton's Seddon Park.

This particular project won a New Zealand Crane Association's Crane Project of the Year Award for Waikato Crane Services Ltd and J.P. Marshall Engineering.

We repair booms, buckets, linkages and pivot points, both in-house and in the field for earth-moving equipment.



3 x HD900 drilling rigs ready for dispatch to Australia

Our fabrication equipment includes:

- 400 tonne CNC press brake x 4100mm.
- Pinch rollers capacity
 - 3000mm long x 20mm thick plate.
- Sectional rolls capacity
 - 100mm x 100mm x 10 angles and 200UB.
- Guillotine 3000mm long x 12mm thick.
- Punch and Shears
 - punch 25 hole x 25mm thick material.
- Pipe Threading Equipment
 - maximum 150mm nominal bore pipe.
- RHS Bending Equipment
 - maximum capacity 125mm x 125mm x 10mm RHS.
- Standard Welding Equipment
 - materials include Mildsteel, Stainless Steel and Aluminum.
- Ticketed Welders/Welding.



2.4m diameter x 1.2m pitch x 25mm thick drill auger flight

Helix's/Auger Flights

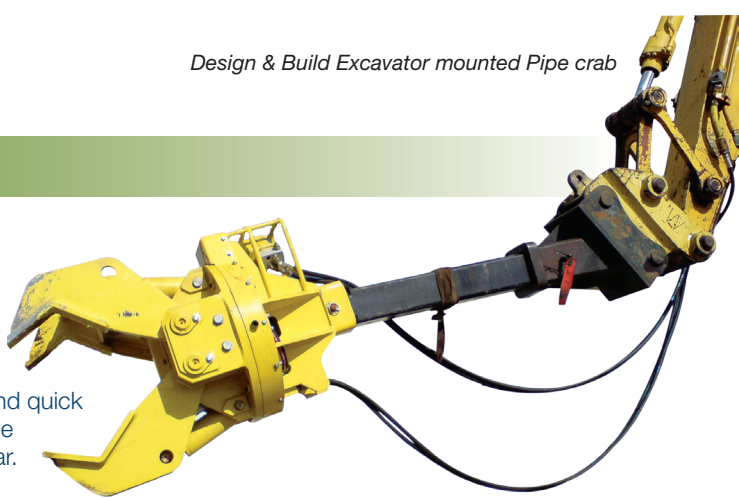
J.P. Marshall manufacture a range of Helix's for the drilling industry and for the manufacture of screw conveyors (Augers).

We have an in-house design service to manufacture screw conveyors for handling grain, stock feed, woodchip, meat processing, coal and ash.

We can provide ready-to-weld product or shaft mounted sections. Materials used can be stainless, mildsteel, aluminium and bisalloy up to a thickness of 40mm.

MACHINING

We undertake jobs ranging from \$50 and upwards. Work can be completed on or off site to suit. To ensure a prompt and quick turnaround, we carry a wide range of stock steel and bar.



We have a full machine shop service, which includes:

- CNC Machining Centre
 - 1000 x 500mm table x 600mm high.
- CNC Teach Lathe
 - 650 swing x 2000mm between centres.
- 6 Centre Lathes
 - maximum 860mm diameter swing x 3000mm long.
- 3 Universal Milling Machines
 - maximum 1500mm x 400mm bed.
- Radial Arm Drill
 - number 5 morse taper, 1700mm swing.
- 100 tonne Hydraulic Press.
- Portable Welder
 - boretech ID/OD Welder 306P.
- Portable Line Borer
 - climax hydraulic portable borer - 40mm to 400mm ID.
 - Hydraulic Ram Dismantling bed.
- Keyway Broaching up to 20mm.

Some of the work we undertake:

- Refurbish and manufacture hydraulic rams.
- Build up and line bore either on or off site equipment including booms, buckets, linkages and pivot points for bulldozers, excavators, crusher bearings and front-end loaders.
- Manufacture hardened pins and bushes.
- Refurbish transmission gearboxes.
- Manufacture and machine conveyer drum rollers.
- Bore and broach keyways and sprockets.
- Screw cutting of metric and imperial threads.



PROFILING

We have the ability to cut plates up to 3m x 13m and we cut from 0.5mm to 200mm.

We have a target turnaround of 72 hours and provide a special emergency service for breakdown or urgent work.

Regardless of the job or run size, we deliver a product to the highest level. We have an accuracy level of 0.5mm and the ability to consistently repeat the dimensional integrity of shapes.

Equipment used:

- Trumpf 6000W Laser
- Kinetic K2000 Plasma
- Kinetic K3000 Oxy Fuel

Stock available:

- Mild Steel
- Corten
- GR350
- High Tensile
- Wear Plate
- 304 Stainless Steel
- 316 Stainless Steel
- Aluminium (various grades)



**WE GUARANTEE OUR WORKMANSHIP 100%
— YOU DON'T CARRY THE RISK, WE DO.**



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