

REACH YOUR PEAK



WORLD CLASS RECLAMATION
AND MANUFACTURING SERVICES
TO IMPROVE YOUR UPTIME AND
BOTTOM LINE.

REACH YOUR PEAK

HMG HARDCHROME STARTED LIFE AS A SMALL SURFACE FINISHING SHOP IN 1959. TODAY, WE ARE A GLOBAL LEADER IN THE RECLAMATION AND MANUFACTURE OF COMPONENTS AND ASSEMBLIES USED IN HEAVY INDUSTRIAL ENVIRONMENTS SUCH AS RESOURCES, ENERGY, SHIPPING, LIFT AND SHIFT, TRANSPORT AND MANUFACTURING.

HMG Hardchrome works with companies in Australia and around the world to improve the uptime of their equipment and machinery. Our business partners turn to us to increase their productivity, performance and profits by reducing their downtime and maintenance costs.

As a division of the Heavy Maintenance Group, we rely on many years of experience and cutting edge technologies to deliver the best solution for your requirements safely, efficiently and economically. We offer a wide variety of repair and refurbishment options as well as an ability to design and manufacture components to original equipment manufacturer (OEM) standards.

HMG Hardchrome's comprehensive service includes hardchrome plating, high velocity air fuel (HVAF), arc spraying, machining, honing, and welding. Our workshops total over 10,500m² of factory floor space and span locations in Brisbane and Mackay.

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- ↪ HYDRAULIC CYLINDER RECLAMATION
- ↪ HYDRAULIC CYLINDER MANUFACTURING
- ↪ HARD CHROMIUM PLATING
- ↪ HIGH VELOCITY AIR FUEL (HVAF)
- ↪ ARC SPRAYING
- ↪ TURNING – COMPUTER NUMERICAL CONTROL (CNC)
- ↪ GRINDING
- ↪ HONING
- ↪ MILLING
- ↪ BORING
- ↪ TESTING
- ↪ REBUILDING
- ↪ FINISHING
- ↪ FABRICATION
- ↪ MANUFACTURING
- ↪ BLASTING
- ↪ PUMP AND MOTOR REBUILD
- ↪ HIGH TORQUE CAPABILITIES

WIDE REACHING CAPABILITIES

HMG HARDCHROME HAS OPERATIONS IN BRISBANE AND MACKAY AND A HIGHLY EXPERIENCED WORKFORCE OF MORE THAN 180. WE HAVE ONE OF THE LARGEST, MOST TECHNOLOGICALLY ADVANCED WORKSHOP FACILITIES FOR RECLAMATION AND MANUFACTURING IN THE WORLD.

The facilities at HMG Hardchrome allow us to handle any size job from refurbishing the largest excavator ram in the world down to manufacturing the smallest bearing journal to OEM standards. We can reclaim and manufacture components to within the tightest tolerances found in the industry.

For every job, we follow a detailed disassembly, inspection and specification procedure before aligning the most appropriate engineering solution to your cost and time parameters. We have an extensive database for accurate cost estimation, strong project management skills and a proven track record in the delivery of jobs on time and within budget.

Quality is the cornerstone of our process. We adhere to the highest standards and regimes in our industry and observe a culture of continuous improvement and are constantly improving our technologies.

REACHING NEW HORIZONS

HMG Hardchrome worked with the University of Queensland on the new Scram Jet Project. Scram Jets are air-breathing supersonic combustion ramjet engines that could enable two hour flights from Sydney to London.

We built a specialised wind tunnel to test the effects of re-entry on materials and designs for the University's advanced Scram Jet prototypes. The wind tunnel is more than 30 metres long and weighs over 25 tonnes. The tunnel does not use air but high pressurised, super heated helium to generate wind speeds of more than Mach 8, or 8000km/hour.

This project was a first for HMG Hardchrome. Not only was it outside our standard scope of works involving hydraulic cylinders, but it also broke several records for machining size and weight. At over 500mm internal diameter, it was the largest job ever machined, bored, and honed. The attaching thread is also the largest thread ever cut at the company.

HMG HARDCHROME IS WIDELY RESPECTED AS A TECHNOLOGY LEADER IN THE RECLAMATION AND MANUFACTURING INDUSTRY. WE ACTIVELY EXPLORE AND IMPLEMENT NEW TECHNIQUES AND IDEAS TO PROMOTE CONTINUOUS IMPROVEMENT IN EVERYTHING WE DO.

Technology is a key value creator for our clients, helping to reduce costs, increase efficiencies and deliver the best possible outcomes.

HMG Hardchrome's ability to apply the most advanced, innovative and well considered technical advice available allows the company to successfully answer many unique and complex engineering challenges. We have delivered several industry firsts by breaking through boundaries and pushing out the edges of what can be achieved.

The company also has a proven track record for assisting OEM partners to enhance their product quality through the application of innovative research and development solutions.

REACHING GREATER HEIGHTS

NEW STANDARDS IN SAFETY.

At **HMG Hardchrome**, we are committed to providing a safe and healthy work environment for all. Founded on the belief that all incidents and injuries can be prevented, our health and safety program was developed in accordance with AS NZS 4801:2001 and is subject to regular third party audits to ensure standards are maintained on all jobs.

The rigid implementation of our health and safety program integrates safety into all business practices and drives improvements in equipment, processes, work methods, and individual and group performances.

NEW STANDARDS IN ENVIRONMENTAL CARE.

HMG Hardchrome is supported by a first class environmental system which ensures we comply with all relevant laws and regulations and assists us to go further than the law requires. At all times, we operate in a manner that protects the natural environment and social surroundings, preserves biodiversity, prevents pollution and minimises waste.

Our facilities recycle waste and are energy and water efficient, reusing water from our own capture systems and utilising power saving programs sponsored by the Queensland Government. Our Brisbane facility is also surrounded by a pit to protect the surrounding environment against pollution or contamination.

We support these initiatives with a robust incident reporting system and an emissions reduction program to ensure the company maintains the highest levels in environmental performance in the industry.

HMG HARDCHROME'S HIGH PERFORMANCE CULTURE HAS HELPED THE COMPANY TO LEAD OUR INDUSTRY AND SET NEW STANDARDS IN NOT ONLY RECLAMATION AND MANUFACTURING BUT ALSO IN THE CRITICAL AREAS OF SAFETY AND ENVIRONMENTAL CARE.

The HMG Group Safety, Health and Environment Strategy forms an integral part of our enduring desire to create an environmentally friendly, sustainable, injury free and healthy work environment for all people who enter our workplaces.



REACHING FURTHER

HMG HARDCHROME HAS WORKED IN HEAVY INDUSTRIAL ENVIRONMENTS FOR MORE THAN 50 YEARS AND TURNED ITS EXPERT HAND TO THOUSANDS OF JOBS OVER THIS TIME. WE UNDERSTAND BETTER THAN ANY COMPANY THAT DOWNTIME CAN TRANSLATE TO MILLIONS OF DOLLARS IN LOST EARNINGS. WE HAVE RESPONDED TO THIS CHALLENGE HEAD ON BY LAUNCHING NEW PROGRAMS TO DELIVER GREATER UPTIMES AND COST SAVINGS.

New warranty replacement program

HMG Hardchrome's unparalleled commitment to quality ensures that every component or assembly we deliver is designed, engineered, manufactured and tested with one goal in mind – your complete satisfaction. That's why our range of services is backed with a warranty you can trust. Our 5000 hour warranty program is a written assurance that our products will perform to the highest standards and be free from defects in materials and workmanship. We give you the confidence of knowing that our service will provide you with the ultimate performance.

New components exchange program

We also maintain a small inventory of many popular components and assemblies, namely hydraulic cylinders, which allows us to change out your worn components quickly and conveniently. All exchange components are engineered to OEM standards and are available at discounted prices. Our off the shelf availability can help increase your uptime significantly while saving you money.

New priority service program

HMG Hardchrome's wealth of experience and superior plant capabilities enables us to turn jobs around quickly and to the highest standards. However, if you have no time to lose, we now offer a new Priority Service Program which allows you to place your job at the front of the queue for an agreed premium. Your job will receive priority, first class attention and be fast-tracked through every stage of our process from inspection through reclamation to final delivery.

A man in a yellow high-visibility shirt and safety glasses is working on a large industrial machine. He is holding a tool and adjusting a part of the machine. The machine is large and metallic, with various components and pipes. The background shows a factory setting with blue machinery.

PEOPLE REACHING HIGHER

AT THE HEART OF OUR SUCCESS ARE OUR PEOPLE. THE HMG HARDCHROME TEAM SHARES A RELENTLESS DESIRE TO LEAD OUR INDUSTRY AND DO THINGS BETTER AND SMARTER. WE EMPLOY AND RETAIN THE BEST PEOPLE TO PROVIDE YOU WITH THE HIGHEST QUALITY SERVICE.

Our team encompasses a wide range of backgrounds, professions and experiences. It is this diversity that allows us to approach every project from different angles to identify the best solution for each project.

We support our position as industry leaders with incentives such as a reward and retention program, an apprenticeship program and policies that foster open communication and assure employee health and safety.

We encourage and challenge our people to learn. Our staff are provided with a full range of technical, operational and compliance training and our scholarship program helps three individuals achieve university degrees each year.

REACH OUT

HMG HARDCHROME'S COMMITMENT TO LEADING OUR INDUSTRY IN QUALITY, CAPABILITY, TECHNOLOGY, AND SAFETY ENSURES YOUR BUSINESS RECEIVES THE BEST RECLAMATION AND MANUFACTURING SERVICE AVAILABLE IN THE GLOBAL MARKET.

The company has worked in heavy industrial environments for more than 50 years and knows what it takes to make the most of your equipment and machinery. We'll keep your business going longer and stronger by increasing your uptime and decreasing your costs.

Call on us to help your business reach peak performance.

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