

Active.
Effective.
Efficient.



 **AURY**
AURY Australia Pty. Ltd.



ABOUT

About Aury Australia

Aury Australia is committed to providing world-class screening and vibrating equipment solutions and services. Backed by a team of industry professionals, we pride ourselves on being the leading mineral process equipment and service provider with a global footprint in Australia, Asia, North America and Africa. As an organisation, Aury prioritises advanced technology, practical output, and customer satisfaction to deliver the best possible service to our clients.

A Foundation of History

With extensive experience in both the Australian and international mining markets, Aury Australia utilises best practice principles and innovative design, to provide dedicated and unparalleled service to the industry. Aury takes advantage of the economies provided by large-scale Chinese production from our ISO-9001 accredited sister company, Aury (Tianjin), combined with the aid and assistance of technical know-how from Australia.

Expansive Production

Beginning in 2009, Aury Australia has supplied mineral processing equipment to all major mining and engineering companies including BHP, Sedgman, Anglo, American, Rio Tinto, Glencore, and Yancoal. We are committed to delivering the highest quality products, services, and support to our clients, whilst ensuring the health and safety of our people and the people operating our machinery. As one of the world's largest manufacturers of processing equipment, Aury employs over 2500 people globally.

Our principal office and works is based in a 2000m² facility in Rutherford, located in the prosperous Hunter Region of New South Wales, Australia.





PRODUCTS

Innovative Design

Screens

Aury Australia is the flagship manufacturing organisation of DADI Engineering and Development Group. With over 400 large-scale vibrating screens being shipped to the customer every year, Aury has become a major vibrating screen provider to the worldwide mining industry. We offer a full line of vibrating screens including linear, banana, circular motion, high frequency and flip flow screens.

The Aury range of horizontal screens have been developed and designed to operate efficiently in very demanding coal and minerals processing environments and applications.

Aury Horizontal Screens Feature:

- Full range of efficient reliable horizontal screens for all screening applications
- Single and double deck models available
- Screen mounting supports that can be altered to suit most existing screen footprints
- Screen mounting angle designed to suit specific screening applications

Suitable applications include:

- Coal, iron ore and hard rock mining products
- Diamonds and quarry products
- Gold and other non ferris metals, and fertiliser

Screen Media

Aury have a complete range of screen media to offer mining, prep plants, aggregate and sand/mineral industries. The Aury 3G system is our preferred method of installation due to its simplicity and requirement for less items. However, Aury can supply screen media to suit all current designs including Elastoloc, Pin and Sleeve, Bivitec, hooked tension mats, trommel screens and bolted in decks.

Aury 3G screen media is currently installed at numerous sites in the NSW and QLD coal fields. These sites are also serviced by Aury technicians who use a cloud-based reporting program. The Aury pin and sleeve panels are supplied in Kalgoorlie Gold Fields and in the Iron Ore sector in the WA Pilbarra region.

The 3G clip rail system does not require any additional fixing such as locking strips, so the actual deck cost and operational cost is less and requires fewer parts. The protection strips are also integrated. To remove a panel, it is as simple as levering it up from one corner and lifting. To install a panel, some pressure is added to a corner, then to the whole length. The panel “pops” into a locked position.

Centrifuges

Aury Australia are manufacturers of Coarse and Fine Coal Centrifuges to the Coal Industry, which are suitable for small granularity coal drainage. Designed with finite element analysis for the vibrating system and key components, the Aury centrifuge quality, performance, ease of operation and maintenance, high drainage efficiency and low power consumption have seen the rapid growth of installations of these products globally.

WSL Series Centrifuge

The WSL series of centrifuges utilise the highest quality imported SKF bearings with high load carrying capacity and low noise characteristics. Screen basket angles have been developed to maximise dewatering performance while providing high throughputs which can be easily changed.

Rotating junctions are sealed using a double oil seal/labyrinth oil seal system to ensure no oil leaks or contamination of oil. This also ensures a long service life.

Fine Coal Centrifuge Series

Centrifuges of optimised design incorporate oversized high precision and intensity differential mechanisms. They also feature imported SKF bearings for long trouble-free operation, and low noise.

The ML and AML Centrifuge features a new structural scraper for smooth operation. The machine design also facilitates even basket loading, reducing dynamic vibration.

Fewer moving parts in the AURY ML series centrifuge design means efficient, reliable operation, and lower downtime and maintenance costs.

Also features high rotate speed, slime recovery and drainage efficiency. All moving parts are enclosed in a protective cover, making it easy to operate and reliable.



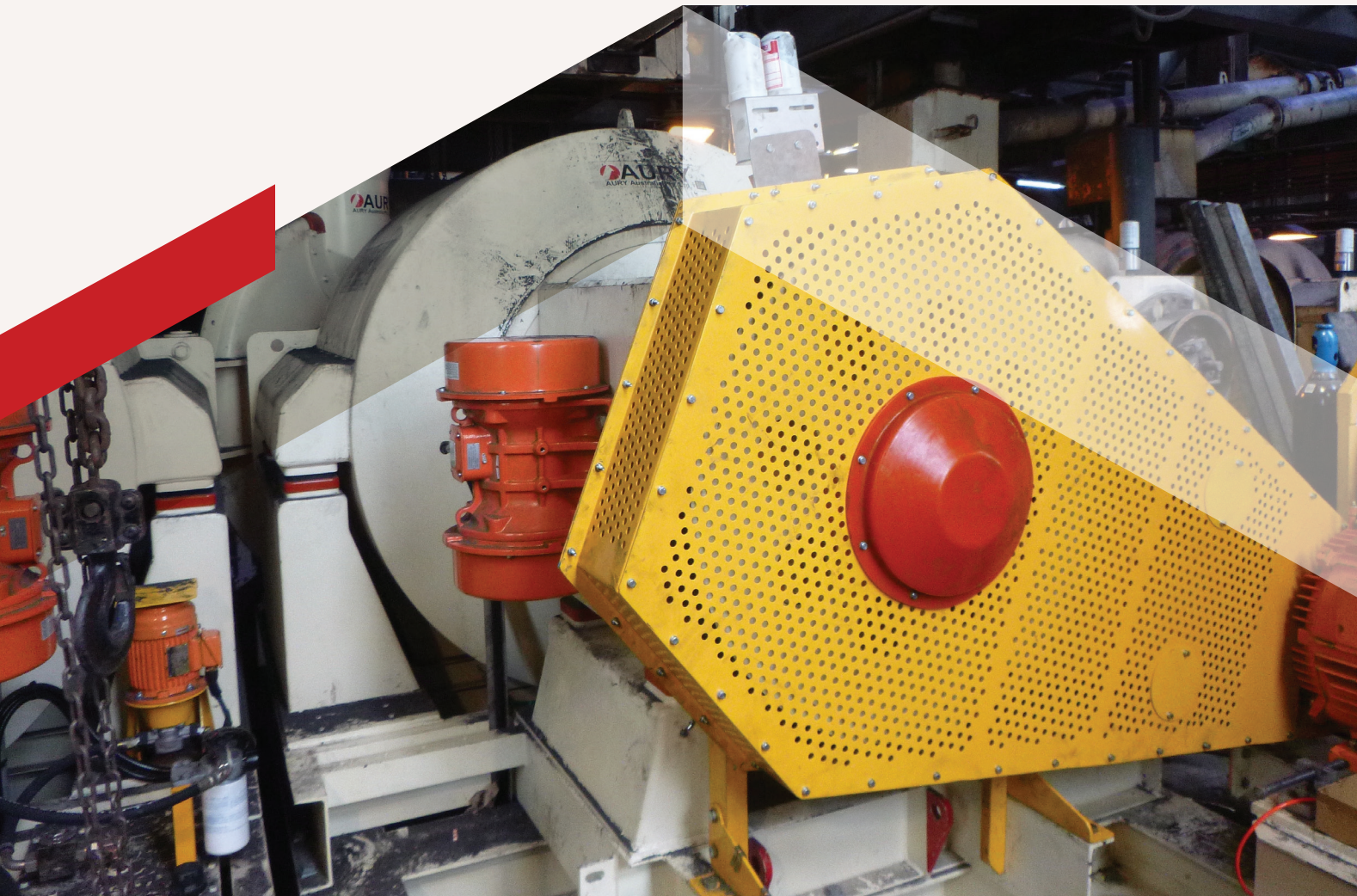


World-class

Effective Production

Unlike many other capital equipment manufacturers, Aury Australia's production facility is fully-integrated. All components used in our screens are manufactured by us. This covers integral components like exciters, cross beams and exciter beams - all machined and assembled in our Tianjin facility.

Our principal production facility in Tianjin covers over 17,000 square metres under roof. We also have a highly advanced CNC machining centre, large in-floor CNC milling/boring machine, highly specialised three-coordinates measuring machine, as well as a machine workshop and a wide range of machining equipment, both large and small. We have an air-conditioned clean room, which is primarily used for dimensionally checking exciter housing.

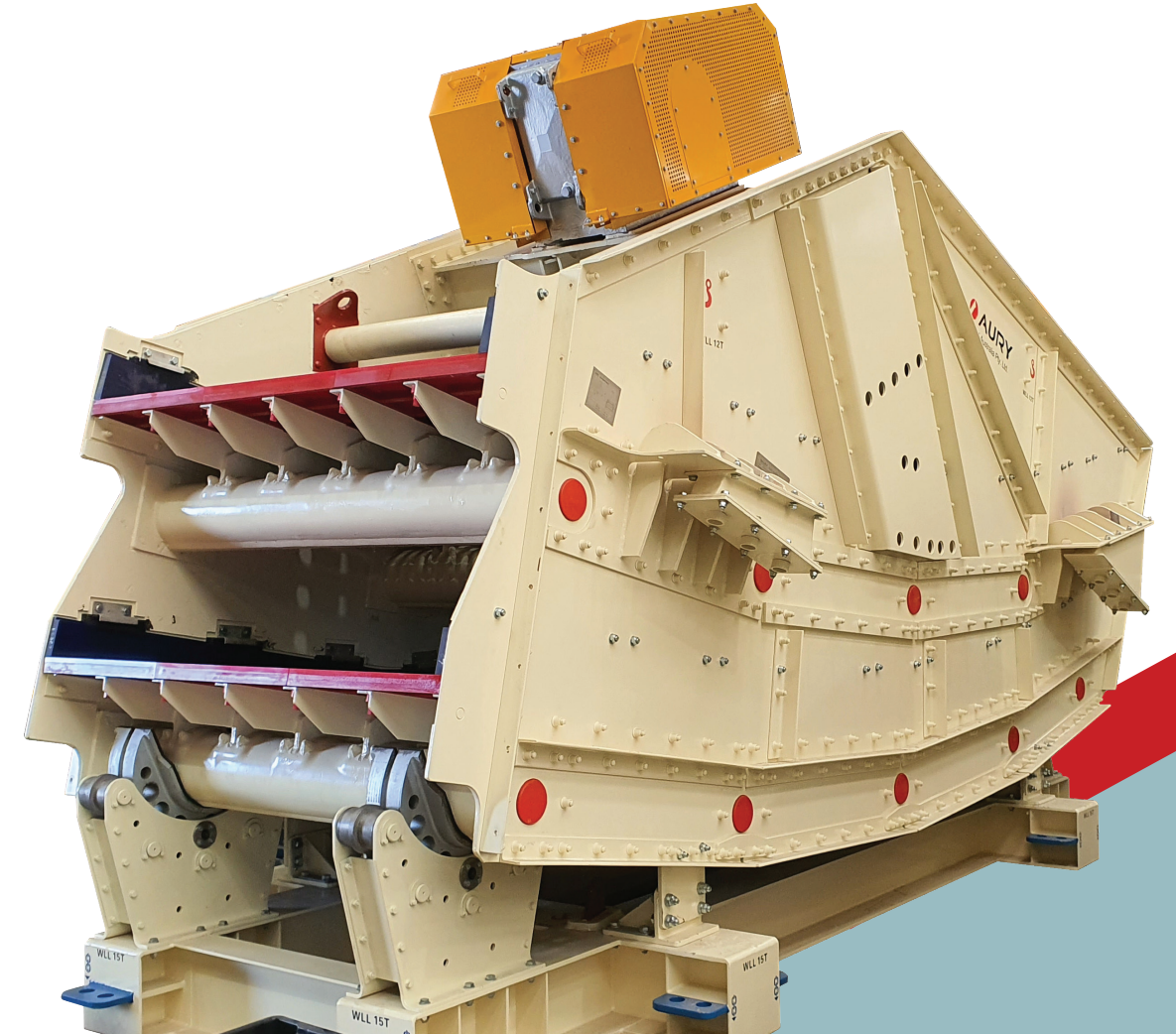


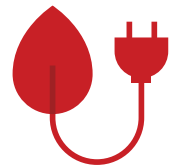
SAFETY

100% Committed

The team at Aury Australia are 100% committed to providing a safe and secure work environment for all team members. We strive for constant improvement in personnel safety, and the development of safer equipment, work processes, work culture, and procedures. Our equipment is designed to meet or exceed all statutory safety requirements, and all team members are trained and developed in a culture of safe working practices and processes.

At Aury we believe that every individual is responsible not just for their own safety, but for the safety of their peers and colleagues as well. By operating as a team with clear safe-work practices in mind, we continue to prioritise safety and professionalism in the workplace.





SUSTAINABILITY

The Future of Production

We pride ourselves on being the leading global mineral processing equipment and service provider and we know with this title, comes great responsibility. As a team we are committed to protecting the environment, health, and safety of our employees, customers, and the global communities where we operate.

We've developed a comprehensive policy which relates to the products, services and operations within our company and across our supply chain. We also know this is a living breathing policy, one which will be continually reviewed and improved, so that we can integrate environmental and social considerations into our everyday practices and make a positive contribution to society.



QUALITY

Reliance on Quality

Aury Australia is built upon a foundation of quality. Throughout every area of the organisation, from design, manufacture, and assembly to firm implementation of final testing procedures, Aury clients and customers can be assured by a quality chain of production.

We take the principle of structural strength, but with lighter mass, to provide a product that uses less power and has lower operational noise, while cutting down on the need for unnecessary maintenance.

A feature of our screens is that our side plates are weldless. They are assembled using Huck-bolts to assure minimal stress on the structure. The exciter beam is a very strong box beam construction which ultimately minimises unnecessary weight.

At Aury, we understand the importance of getting it right the first time and our continual commitment to our clients and customers is to offer the highest quality product and service as well as the most reliable process equipment in a worldwide market.

Comprehensive Testing

Every Aury Australia screen is comprehensively tested in-house, using our state-of-the-art frequency measurement equipment. Both static bump tests and dynamic frequency tests during screen operation are conducted, to determine screen structure, natural frequencies, and operational characteristics.

Screen test results are then compared against Aury standards, and any necessary adjustments are performed in-house prior to screen delivery. Dynamic screen tests are also performed on-site during commissioning. All screen test data is recorded and safely stored for future reference.

Through in-depth research and commitment to quality, we're continuously applying comprehensive and field-tested knowledge to improve design, ensuring our screens exceed the process and reliability demands found in modern process plants.

At Aury, we understand how essential it is that our products perform perfectly in even the harshest of conditions. Our commitment to continuous product improvement ensures that we maintain our reputation as a quality supplier of screening equipment to the mining industry worldwide.



TECHNOLOGY

Advanced Technology You Can Rely On

At Aury Australia, we incorporate several unique design features to lower consumption, improve screen life and of course, increase screening efficiency. We're constantly assessing our products and production procedures, and by analysing areas of screens that would traditionally fail, we're proud to develop a stronger, more reliable product.

Our innovative technology improves the service life of cross beams by eliminating induced stresses caused by the welding of deck rail support cleats to cross beams, while also facilitating the easy replacement of deck rail support cleats.

Aury screens utilise a specialised circular pipe as the cross beam, meaning our products are not only built for strength but also stay within the lightweight requirements. The surface is coated with a special two-pack polyurethane or rubber to provide greater corrosion and abrasion resistance. All components used in the manufacture of the screens are blast cleaned before being painted. All assembly points are sealed to prevent water ingress. Our steel damping springs are designed to provide 96% to 98% vibration isolation.

Crossbeams and cleats are sprayed with two layers of high-quality Australian-made polyurethane to a final thickness of 6mm, providing high abrasion and corrosion resistance for the life of the screen.

Aury screens are not only innovative, and efficient, but their design is underpinned by proven and reliable engineering practices, producing a product you can always rely on.



TEAM

2500 Strong

As one of the world's largest manufacturers of mining equipment, Aury employs over 2500 people across the globe. As a team, we've established a foundation of sound research and design capability, backed by the technical expertise of talented engineers, dedicated to working with vibration technology within the mining sector. At Aury, our design engineers are forward thinkers and innovators who combine traditional vibrating technology, with leading-edge design techniques to produce superior capital equipment to any product found within the market today.

Lead From the Front



Xin Rong
Chief Operating Officer

Xin is the company COO and overseas Sales, Service and Operation for Aury Australia. He also develops opportunities globally for DADI Engineering group.

With a double bachelor's degree in mechanical & manufacturing engineering from UNSW, Xin has 6 years of work experience in the industries of mining. He led the development of the mobile intelligent screening station is a milestone in Aury's intelligence.

As currently Chief Operating Officer, Xin's passion is to deliver high quality products and service to Aury's client base as well as provide his employees with a safe, secure workplace with future career opportunities.



Baoming Rong
Chairman

Baoming Rong is Chairman and Director of the company, as well as the lead of Aury Group China, parent company of Aury Australia. Baoming is responsible for leading all international business for DADI Engineering Group.

With over 35 years' experience in the mining industry, encompassing several different roles ranging from a Coal Preparation Management Technician, through to Sales Director to currently head of Aury.

Baoming is dedicated to bringing Aury to the top brand of screening equipment in the global mining industry and creating a harmonious for the company and team.

Get in Touch

Looking to get in touch? Aury Australia head office is based in Rutherford, which is part of the prosperous Hunter Region of New South Wales, Australia.

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