THE SCOOL

THE LIEBHERR-AUSTRALIA NEWSLETTER | SUMMER 2014



BUCKETS R USI Pictured: Graham Newbery, from the Liebherr-Australia Production department.

Liebherr Australia's Production
Department has evolved over the last
twenty plus years to keep abreast of our
clients requirements and changing market
needs. This is achieved by utilising the
teams core skills and expertise to support
other heavy welding and pressing work. The
facility located in Para Hills West, Adelaide
performs a large range of work including
bucket manufacture, repairs and upgrades
of buckets, repairs to excavator centre
girders, mining booms, sticks and track
frames.

Liebherr Adelaide's production facility is well-equipped to handle a wide range of customer's request. The production hall covers 7200m² has several 40T and 5T overhead cranes, line boring equipment and machining, it also has facility to press steel with the 600T Brake press allowing it to handle various steel thicknesses and wearing plates up to 3mt wide. Adelaide production facility also provides non-destructive testing of components, and team members are certified for confined space operations. The Production

department have the certification to fabricate load-bearing equipment and transport stands.

The Adelaide production facility has the expert team to make a range of mining excavator buckets up to 37m³ and repairs to buckets up to 49m³. The team work in conjunction with the client on bucket builds and bespoke bucket wear packages.

See how the Adelaide Production team can help you with your next project or

component repair, contact our Production Manager Paul Hermann with your inquiry.

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in Darling Harbour.

which will aid in rebuilding the city after the devastating 2011 earthquake, while a recently delivered 357 HC-L luffing jib crane is already in use near Auckland.

Coast to Coast Dredging Puts Liebherr L 566 Wheel Loader to Work in Sand Operation

Coast to Coast Dredging, a sand and building material extractor based in Steiglitz Queensland, required a specialised machine to stock pile, agitate and load trucks for their sand dredging operation.

Coast to Coast owner Ben Goulding found the Liebherr L 566 suited his requirements. The ability to meet the task of operating in loose base sand conditions of the Liebherr hydrostatic drive line, will give them maximum reliability for increased productivity.

Ben is impressed with the fuel efficiency of the Liebherr L 566 and the fuel burn figures. Added to this is the excellent tractive force and break out force the hydrostatic drive line allows in sand operations with the ability to operate cost effectively with high productivity.



Pictured: L 566 Wheel Loader on site at Coast to Coast Dredging's sand pit in QLD.

It's all about Cranes!

Our Liebherr-Werk Biberach GmbH factory have won several tenders in Australia and New Zealand. Recently, four luffing jib cranes from the HC-L series and a top-slewing crane from the EC-H series have arrived on our shores.

Our exclusive distributor in Australia, Morrow Equipment Co. LLC, have expanded their crane fleet with the purchase of two new 542 HC-L 18/36 Litronic cranes and a pre-owned 540 HC-L.

In New Zealand, a 420 EC-H 16 Litronic crane is on its way to Christchurch,

Mining Forum 2014

Members of the global Liebherr Mining management team met together in late September to learn about the Mining Strategy 2020 and the associated initiatives and projects that will support our valued customers while the industry is in a slow period.

Many discussions were held regarding

how to contribute to the continued joint successes and growth of Liebherr and our customers once the market recovers; this includes understanding that we need to adapt to the changing markets and customer requirements; and developing new equipment that customers need.



Liebherr MIN Managers from around the globe converged at the Liebherr-owned Hotel-Interalpen in Tyrol, Austria for the Mining Forum 2014.

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HERON CONSTRUCTION AND LIEBHERR



Heron Construction was established in New Zealand in 1964 by the late Mr Willem Kroef. Today, second and third generation family members are still involved in the company as Directors and shareholders and in May this year they celebrated 50 years of operation.

Like Liebherr, Heron employs a team of highly skilled and experienced people, many of whom have been working with the company for over 20 years. Heron has owned Liebherr excavators for around 20 years, and the company says they have always found the support from Liebherr to be extremely good and, as the Liebherr brand continues to expand, particularly over the last 5 years and within New Zealand, it has become even better.

In the early 1970s, Heron's first dredgers worked on the Whangamarino and Waikato

Rivers with their operational areas gradually expanding throughout New Zealand and the South Pacific, operating in many different ports.

Originally working on projects such as pumping stations and bridges, Heron became pioneers in horizontal pipe thrusting and trenchless technology in the South Pacific area. Today they are concentrating on the specialised areas of dredging and marine construction works and, when dredging in New Zealand, Australia and the South Pacific, "it is great to know that you can rely on Liebherr to provide the service and back-up needed to keep the machinery operational".

Heron have one of Liebherr's original 1989 model P 984s still in operation, an R 994 B and a P 994-200 (currently working in the Port of Melbourne). Take a look at the work being carried out via the Port's webcams (the best view is from the West Gate camera): http://portcapacity.portofmelbourne.com/pages/webcams.asp

Greg Kroef, General Manager of Heron, says that although the P 994 is the pride of the fleet, it is pretty hard to go past the P 984. "It's 25 years old, done I don't know how many hours, and just keeps taking everything we throw at it."

He also places importance on the fact that Liebherr manufacture, supply and back-up a purpose-built turnkey 'P' mount (pontoon mount) specifically for dredging. As their own P 984 can attest, they are built strong and built to last. Greg is currently looking at the option of upgrading their older machines with the newer models in the Liebherr range.

Mobile Crane Division Continues to Conquer

Pictured Below: LTM 1130.5.1 Mobile Crane sold to GBP Cranes from Gunnedah, NSW. From left to right: GBP Owner, Daniel Hawkins and Liebherr Service Technician. Nathan Demanuele.



Pictured Below: LTM1350-6.1 and LR 1350/1 Mobile Cranes delivered to Gillespies Crane Services from Rozelle, NSW. Dual lift using the new LTM 1350-6.1 and LR 1350/1 Mobile Cranes.



Pictured Below: LTM 1200-5.1 Mobile Crane sold to McMahon Services from Dry Creek, SA.



LIEBHERR OPENS NEW SALES AND SERVICE CENTRE IN YATALA, QUEENSLAND

While operational since April 2014, the official opening ceremony of the new Yatala site was celebrated in August and was attended by over 100 customers, guests, and Liebherr staff. More than 10 machines were exhibited, including mobile cranes and machines from Liebherr's earthmoving product range.

The new facility has been built to enable Liebherr to provide clients with even better customer service. The premises include a spacious workshop with internal gantry cranes, a wash bay and a large spare parts warehouse. The branch covers 3,000m² of office and warehouse, with the site having a total of 6,000m².

A new service subsidiary has been established at Newman, WA, and is currently expanding its infrastructure at Perth, Mackay and Singleton branches. Expanding support for Australian and New Zealand customers provides Liebherr-Australia with an opportunity to forecast the creation of jobs at all of these sites.

Pictured Right: Yatala Sales Manager John Hughes, with Greg Lee Director of Lee Crane Hire, and Andrew Esquilant Liebherr National Sales Manager, handing over an LTR 1220: the first of its type delivered to Queensland.



REMANUFACTURING: Producing the

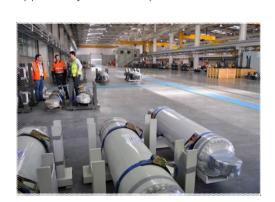
Goods

Remanufacturing has been given a boost thanks to the support of its apprentices throughout Liebherr.

"The apprentices have been integral to helping us meet increasing demands," said Andrew Mannix, Manager of the Remanufacturing Centre. "We have had up to six apprentices at a time working within our team who are producing significant product quantities - as many as 25 components a week.

"Recently we have also had additional workloads from customer owned 'RX' repairs and, without the fantastic support we have had from our apprentices and Mark Owen, our Apprentice Coordinator, we would not have been able to deliver. It has been a real win-win for the apprentices

and remanufacturing, with the apprentices making the most of the additional training opportunity on the components."



Pictured Above: Remanufacturing Centre Managers, Stefan Stuebiger (Industrial Engineering Manager) and Wayne Burzacott (Production Manager) talking with Liebherr apprentice Mitch Dixon in Hall D of the remanufacturing finished goods area.



Check out the photos of our recently constructed 5,175 m² warehouse, as well as the refurbishment of the amenities and administration areas, the associated external hardstand and car parking.

REMAN UP AND RUNNING

Remanufacturing Manager Andrew Mannix has been impressed with how quickly the new Remanufacturing Centre has come together, with the team being instrumental in setting the new building to work.

Remaining building works are underway and the building and its initial capabilities will be fully commissioned within the next couple of months.

Work continues to refine and audit processes used within the facility in order to

have it ready for ISO Certification in 2015. The journey also continues to the next step as additional staff are recruited, bringing the building to a higher capacity to implement new work, including all truck component work cells. This is occurring in parallel with managing a surge in demand on mining excavator components as a result of the equipment that LAS sold to customers last year.

The Centre has the capacity and capability to deliver upon more than in the first half of 2014 with the new facility already delivering significant benefits.



Pictured Above: The Remanufacturing team with the first cylinder that was disassembled and reassembled in the new Remanufacturing Centre. At the rear of the picture are two splitter boxes also completed by the team.

Red Lightning for the Win!

The Mackay branch recently sponsored and assisted a group of school students from Mirani State High School with their entry in the Re-Engineering Australia Foundation's Formula 1 Technology Challenge.

The competition has been created to foster engineering and related technical fields as a career path among high school students.

The boys - Steven Hall, Connor Deguara, Campbell Hardwick and Adam Ruthenberg - successfully worked together for nearly 12 months to create the 'Red Lightning' brand and prototype.

They took out the Mackay Regional Final to represent the area in the Queensland State Finals and were one of the runners-up, winning awards in the following categories along the way: Best Team Marketing, Best Portfolio, Best Engineered Car and Best Innovative Design. Congratulations to the team from Liebherr-Australia.



Team Red Lightning (wearing red shirts).

Mackay Expands - New Warehouse Opening.

The new warehouse at Mackay Branch was officially opened at the end of August. Trent Wehr, Robert Richter and Paul Murphy accompanied LAQ management team with customers from Cummins, Downer, Thiess and Glencore on a tour and were very impressed with the new VNA and Kardex parts systems.

Our thanks for a job well done to Gerard O'Conner, Paul Taylor, Cathy Robinson and Camillo Masci from Thiess and Architect Drew Dickson and associated team members.



Michelle Savige, Parts Manger Qld Mining with Robert Richter, General Manager Parts Business Mining.

20 YEAR OLD LIEBHERR WHEEL LOADER STILL GOING STRONG

Civil Construction started as a small family operated business in 1976 and, over the decades since then, they have experienced steady growth through their dedication and quality services.

Civil Construction offers construction and project management, expertise for land development and infrastructure projects throughout New Zealand's South Island.

Back in 1981, Paul Horrell's father bought the first Liebherr wheeled excavator - an A 902. It turned out to be a wise choice. The A 902 was taken out of daily operation with 32,000 hours and has now retired as a yard helper.

This year their first Liebherr wheel loader, the L 541, celebrates its 20th birthday. The Loader is still going strong on different job sites around the Queenstown area and is complementing the other Liebherr machines within the Civil fleet.

In the 1980s Liebherr made the decision not to proceed with the conventional torque converter drive train, but to be the first manufacturer to offer the hydrostatic drive technology on all of their wheel loaders. The main features of the Liebherr wheel loaders are cost-effectiveness and environmental-friendliness. They consume up to 25 per cent less fuel than comparable machines from other manufacturers under the same operating conditions.

Paul Horrell, Managing Director of Civil Construction, said that due to the superior quality and reliability of the Liebherr machinery it was an easy calculation to further invest into other products. Nowadays his fleet consists of several Liebherr wheeled and crawler excavators and wheel loaders.



The 20-year-old L 541 wheel loader on site in Queenstown.

Australia and NZ Come Out on Top - STIHL Timbersports World Cup 2014

Jason Wynyard has won Duel of the Giants at the STIHL Timbersports World Cup 2014 in Innsbtruck!

Presented by Liebherr, the duel between New Zealand's Jason Wynyard and defending world champion Brad Delosa from Australia, went down to the very last round, with Wynyard triumphing to claim his sixth world title.

In the team event Australia successfully defended their title after defeating Canada in the final.

Congratulations to all the athletes at the STIHL Timbersports World Cup 2014.



NEW MACHINE FOR STEVENSON IN NZ

The Stevenson Group took possession of their newest Liebherr machine recently. The R 9400 is their third new Liebherr purchased this year and is the largest model in the Stevenson Group fleet.

The 9 400 is already at work for Stevenson at New Zealand's Rotowaro Mine.



LIEBHERR MINING SALES TEAM MOVED TO A NEW OFFICE!

Three years ago Liebherr Mining opened their strategic Corporate Sales and Marketing office in Brisbane and, as 2014 ends, we are happy to announce our move to a new headquarters!

The new office will allow our staff to work in a more professional environment at lower cost and with additional space.

The previous office has served well and holds great memories but staff are very excited with the new opportunities this fantastic environment offers to our staff and valued customers. Our International Liebherr team will also see new technology to link all of our clients and staff simply, for fast efficient communications. The new office is still in the same building, located at 12 Browning Street South Brisbane, but just across the courtyard on the same level at office # G7.

This move is the start of another chapter of Liebherr's history and we look forward to supporting all our valued customers as we have done in previous years.





INTRODUCING ANDREW MANNIX

Manager of Remanufacturing

Andrew is based in Adelaide within the new Remanufacturing Centre, with approximately 45 staff that is set to grow as Liebherr continues to expand its operations.

Andrew believes his team to be extremely skilful and a positive group who have assisted him in understanding Liebherr's products. He says the team has been at the heart of their ongoing successes.

Prior to working at Liebherr, Andrew began his career as an apprentice in the Port Pirie Smelter, then working as a tradesman for a few years in Adelaide before joining British Aerospace, now BAE Systems, in the early 1990s.

His career has consisted of working in manufacturing engineering, project management, procurement and subcontracts and ultimately becoming a

General Manager in the early 2000s. He has been lucky enough to lead three different business units as a GM before joining Liebherr in late 2013.

Andrew is married with three children, Elizabeth 17, Lewis 15 and Ethan 12. He also coaches junior baseball, is involved with kids footy in the winter, plays 'some' golf and loves fishing and photography.



Pictured: Andrew Mannix

RECORD RIDERS **FOR RIVER 2 REEF**

Record numbers participated in the annual River 2 Reef ride in Mackay, with several mining companies, suppliers and our own 'Team Liebherr' helping to raise approximately \$60,000 for two local **charities;** the Mackay Sporting Wheelies (who help fund recreation and fitness for people with physical or vision impairment) and RACQ-CQ Rescue (who operate the community helicopter rescue service).

Mining Manager, Wayne Maher, completed the 90km distance with around 180 other riders; while Joel Maher, Vicki Robinson and Brenden Hill completed 60kms with

Seen on Screen. Eagle-eyed Perth Service Clerk, Rita Teutschlaender recently watched "Under the Skin" with Scarlett Johansson and spotted one of our machines in the background!

Parts Personnel Rescue Themselves. The parts personnel were put through their paces with 'self-rescue' training in Perth recently, abseiling down the new K Series Lift Trucks.



500 others. The standouts were John Vance and Bill Robinson who completed a massive 135kms!

The most kilometres ridden by a team was Dalrymple Bay Coal Terminal team, who rode 2,920kms, only 20kms more than the Hail Creek Mine team!

Wayne Maher, Joel Maher, Vicki Robinson and Darrell Gibbs (husband of Kim Gibbs)





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LIEBHERR SOCIAL

» Mining Managers Team Building Event.

Pictured Top: Liebherr Mining management work together, in and out of the office.

» Liebherr Mining Team at the Thiess Hear and Say Ball.

Pictured Bottom: Dave and Lisa Owen, Marg and Wayne Maher, Andy Douglas, Trent Wehr, Kim Douglas and Kirsty Wehr.



RAMON BOSITO Celebrates Two Decades with Liebherr-Australia

Initially employed as a TA in the workshop loading and unloading trucks and taking care of workshop maintenance, Ramon Bosito then moved to the role of Facility Coordinator, taking on the maintenance of all buildings and grounds at the LAP branch.

> Ramon's friendly and somewhat 'devilish' personality saw him become a mascot for the Perth branch with employees and visitors alike.

Liebherr-Australia would like to congratulate and thank Ramon for exactly 20 years of service (his 20 year anniversary and retirement date were the same day) and wish him many happy and healthy years of retirement.



Liebherr in Adelaide Mining · Earthmoving Mobile Crane

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Liebherr in Brisbane Mining

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Liebherr in Brisbane $\textit{Earthmoving} \cdot \textit{Mobile Crane}$ 39 Elderslie Road,

Yatala QLD 4207 Tel: (07) 3086 4300 Fax: (07) 3807 4160

Liebherr in Mackay

Mining 32-40 Southgate Drive Paget, Mackay QLD 4740 Tel: (07) 4952 4994 Fax: (07) 4963 3144

Liebherr in Melbourne Earthmoving · Mobile Crane

41-45 Ordish Road Dandenong South VIC 3175 Tel: (03) 8788 9700 Fax: (03) 9768 3498

Liebherr in Mount Thorley Mining

6 Woodland Road Mt Thorley Industrial Estate Singleton NSW 2330 Tel: (02) 6575 1000 Fax: (02) 6574 6769

Liebherr in Newman

Mining 38 Shovelanna Street Newman WA 6753 Tel: (08) 9175 5539 Fax: (08) 9175 5567

Liebherr in Perth Mining · Earthmoving Crawler Crane

555 Great Eastern Highway Redcliffe WA 6104 Tel: (08) 9478 8900 Fax:(08) 9479 5994

Liebherr in Perth Mobile Cranes

283 Mandurah Road East Rockingham WA 6168 Tel: (08) 9236 5600 Fax: (08) 9236 5699

Liebherr in Sydney Earthmoving · Crawler Crane Mobile Crane

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