



THE SCOOP



THE LIEBHERR-AUSTRALIA NEWSLETTER | SUMMER 2015



LIEBHERR-AUSTRALIA WELCOMES 100TH T 282 TRUCK AMONG FLEET OF 14

Earlier in the year, Liebherr-Australia welcomed the arrival of the country's 100th T 282 ultra-class haul truck. This milestone unit was part of a delivery of a large fleet of fourteen (14) T 282 C ultra-class haul trucks to a valued customer in the coal-rich Bowen Basin in North Queensland.

To celebrate these two major milestones, Liebherr-Australia created a timelapse video.

The video follows the 1000km journey from the Port of Brisbane to the build-site in North Queensland, showing all of the pieces being put together, and culminates in footage of some of the fleet in action. Also shown in the video is footage of the dump bodies being manufactured, giving a behind-the-scenes understanding of the work involved in making these giant trucks.

This large-scale, three-month project required precise timing and extremely accurate manoeuvring.

The trucks shown on the video are already hard at work on the mine site and our

customer is extremely pleased with them.

The video can be viewed on Youtube on the Liebherr channel.

The figures below show how much work went into creating the 7 minute video:

- ▶ 25 hours of road-travel from the Brisbane port to the build-site
- ▶ 2 cameras lived on 2 build pads and took a total of 12096 photographs each
- ▶ 22,000 individual frames were taken for the Dump Body Build
- ▶ 62 individual timelapse sequences
- ▶ Over 150,000 individual frames of video were sequenced, compressed and edited

Toll Transport Partnership

Mid-year, Liebherr-Australia commenced a new contract with Toll to supply a range of logistics services across four operating divisions of the Toll Group.

Toll has been engaged to supply services into and out of Liebherr-Australia's operating areas: primarily Adelaide, Perth, Newman, Mackay, Mount Thorley and Erskine Park. The service offering involves multiple operating divisions in Toll NQX, Toll Express, Toll Ipec and Toll Priority tied together with Toll's unique Managed Transport Solution (MTS) offering a truly integrated service.



Toll invested in three new B Double combinations opting for Kenworth K200 prime movers and Vawdrey mezzanine floor tautliners complete with Liebherr livery on the curtains. These units will operate dedicated weekly return services

LIEBHERR

between Liebherr-Australia's Adelaide distribution centre to Perth, Mackay and Mt Thorley.

Breaking News!

Liebherr-Australia are pleased to share that we have recently achieved ISO 9001 certification.

The certification followed 18 months of hard work, and helps to enhance our Core Value of Quality in everything we do.



Safety Award for LTI Free Period

Liebherr-Australia is pleased to announce that our Perth Mining branch has received a prestigious Industrial Foundation for Accident Prevention (IFAP) Gold Safety Award for the fourth consecutive year!

This award was achieved following a minimum of six months LTI free period, attaining previously nominated safety KPI's and following an independent safety audit conducted by IFAP.

Although only 6 months LTI free were required to achieve the award, the branch has actually attained an outstanding eighteen months!

Geraint Lenegan (HSE Advisor, Perth branch), stated that his personal goal was to achieve a fifth consecutive year Gold Award which will automatically lead to the pinnacle safety award, Platinum.

Geraint's perspective was that although the awards were recognition of outstanding safety efforts by branch mining personnel, the achievement to him represented employees going home safe to their families at the end of the day.



Pictured: Geraint Lenegan (HSE Advisor, Perth branch) accepting the award.

Raw Metal Corp Picks Up Liebherr Material Handlers

The Liebherr material handler is specifically designed for operating in the scrap metal industry, and it delivers unrivalled levels of reliability and running costs per hour and is the latest addition to the state-of-the-art machinery and infrastructure at Raw Metal Corp.

"From more than 30 years' experience in the industry, I have learnt that if you are going to operate in the metal recycling business you don't have second-class equipment," says Raw Metal Corp Director Todd Wanless. "You need to have top of the range machinery and our new Liebherr material handlers further showcases Raw Metal Corp's commitment to industry-leading equipment, practices and efficiencies."

"This not only enables us to deliver

consistent quality product to our international buyers, but also maximises the prices that we can pay for scrap metals here in south east Queensland."

Raw Metal Corp have taken delivery of three Liebherr material handlers: A 904, A 924 and A 934, which are operating at their site in Wacol, QLD.

Raw Metal Corp buys and collects scrap metals from domestic and commercial users including ferrous metals (such as construction materials, heavy and light steel, white goods, roofing iron and motor vehicles) and non-ferrous metals (such as aluminium, copper, electric motors, radiators and batteries).



Pictured: Liebherr material handlers at work at the Wacol site.

Liebherr opens new Sales and Service Centre near Auckland

The brand new facility has just been purpose built and enables Liebherr to provide their customers with excellent service. The premises include a spacious

workshop with internal gantry crane, a wash bay and a large spare parts warehouse. The branch covers 1,000 m² of office and workshop space and has a yard of 1,600 m².

The opening ceremony was attended by over 70 customers, guests and Liebherr

staff. Several machines were exhibited, including Liebherr's unique fuel-efficient wheel loaders and market-leading mobile cranes. The festivity was held under a German beer garden theme including a colourful buffet with local delicacies and a raffle.



Another Liebherr in the Valley

Over the past four years Maitland City Council had considerations with the life expectancy of its landfill: predominantly due to the site reaching its capacity, factoring a growing Local Government Area population and compaction issues, the Mount Vincent waste landfill site had only 2 years life left.

The existing machinery at the landfill site was due for replacement. However,

with a suspected 2 years life, purchasing a track loader and compactor simply was not financially viable. The Council required a machine that could compact and move the waste while still proving to be a versatile useful machine for Council at the end of the landfill life, and is able to adapt to service in the new proposed waste transfer station.

Liebherr worked closely with Council analyzing the data and the possible future uses and capacities for a machine to find

the best possible outcome. Given the high compaction rates with low running costs and versatility, the LR 634 Crawler Loader became Council's desired choice for the landfill and future-proofing the purchase going into the new transfer station; Council has provided feedback stating superior quality of the Liebherr machine, and the excellent service by Liebherr-Australia.



Pictured: The Liebherr LR 634 hard at work

Richgro Look to Liebherr

Proudly Australian owned and family operated over four generations, Richgro's mission is to create great gardens in an environmentally responsible manner with quality, innovative products for all Australian gardeners.

Bulk handling, mixing and measuring of most of the material is all carried out with the use of wheel loaders. By rehandling over 3,000 m3 of material a week, the process needs to be carried out in the most efficient and cost effective way possible.

Although running costs were a major factor and fuel consumption important, consideration was also given to the environmental impact, with reduced emission levels required.

Recently delivered were four new Liebherr L 556 IIIB wheel loaders, with two to be operated by Richgro at their head office in Jandakot, and two at their Amazon landscape facility in Nowergup.

Due to the lighter material density and high volume of material the Liebherr L 556 IIIB industrial linkage complete with 5.0m3 Hi-tip bucket was the ideal match – the rear-mounted Liebherr Tier IIIB transverse engine and mid mounted cooling system offers optimum weight distribution, whilst drawing in clean air to ensure maximum cooling efficiency.

Compared to conventional transmission systems, the hydrostatic driveline with Liebherr Power Efficiency (LPE) offers a considerable reduction in fuel consumption of up to 20-25%, reducing operating costs and further

environmental pollution. The innovative driveline concept means much lower noise emission, another added bonus for Richgro with local neighbours and long shifts.

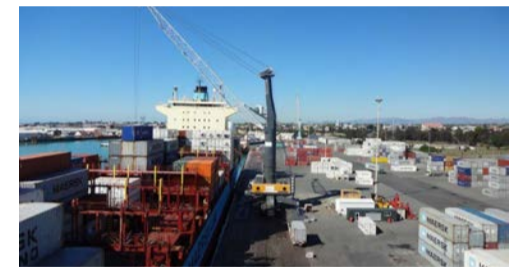
The combination of the Liebherr driveline and the unique positioning of the Liebherr engine allows for higher tipping loads at low operating weight. This leads to significantly higher productivity eliminating the need for unnecessary counterweight.

"The combination of our newly commissioned screening plant at Richgro, the Liebherr L 556 IND and 5.0m3 Hi-tip bucket has seen a 20% increase in finished product, produced at a lower cost than the same period this time last year" said Tim Richards, Operations Manager, Richgro.

Mobile Harbour Crane Update

In 2015, Liebherr delivered two new mobile harbour cranes to Australia and New Zealand.

In Australia, Qube Ports enhanced their fleet in Darwin where an LHM 550 started operation earlier this year. Port of Tauranga Ltd also invested in a new LHM 550 for their operations in Timaru, New Zealand. The LHM 550 is the most-in-demand mobile harbour crane model from Liebherr with a maximum outreach of 54 metres, capable to handle 18 container rows across. In total, more than 1,300 Liebherr mobile harbour cranes have been delivered to over 100 countries in the world.



Pictured: Port of Tauranga LHM 550 and Qube Ports LHM 550

Machine Deliveries

- ▶ Capital Cranes have taken delivery of the very first LTM 1060-3.1 sold in NSW/ACT. This crane offers 48m of boom & also comes with VarioBase as standard (top left).
- ▶ Marty Milewski operating his brand new LTC 1045-3.1. This is the first LTC 1045-3.1 sold in NSW (top right).
- ▶ Mark O'Conner & Stuart Moylan from Tolsaf Cranes taking delivery of their brand new LTM 1090-4.1 (bottom left).
- ▶ Nathan Kinnas & Mark Greenfeld from WGC Cranes taking delivery of their second LTM 1055-3.2 for the year (bottom right).





Liebherr and Thies work together for Children's TV show

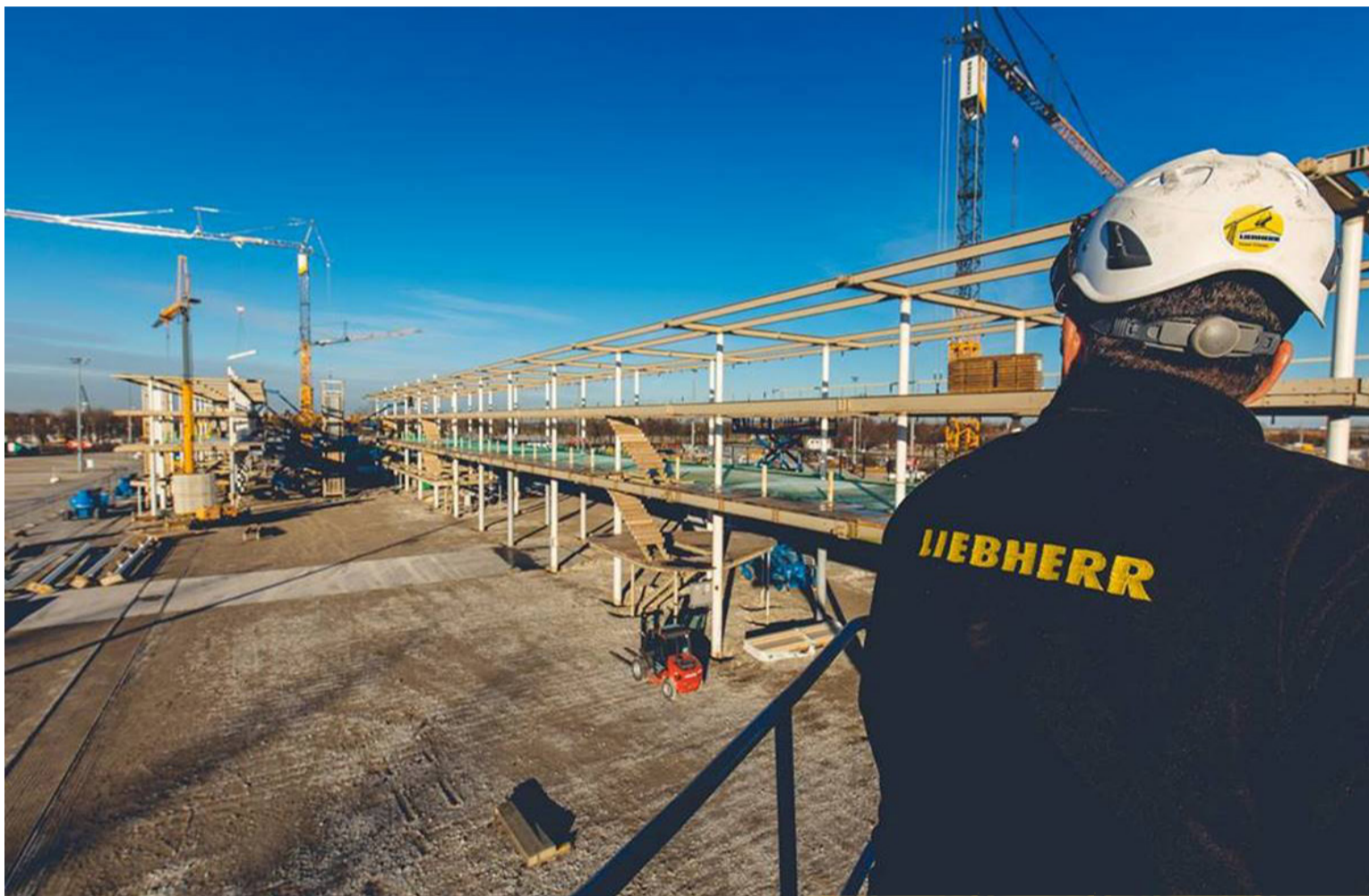
Earlier in the year, Liebherr-Australia were approached by a German film

company, Mingamedia, on behalf of one of their programs, Krasse Kolosse.

The program is a children's television documentary, and they wished to feature two of our mining machines: the

T 282 C ultra-class haul truck, and the R 9800 mining excavator. Our marketing department worked with Liebherr's highly valued customer, Thies, to arrange for the Krasse Kolosse team to visit site and take as much footage as possible to show off our

machines. The feedback from the Krasse Kolosse team was extremely positive for the entire visit. We would like to thank Thies for their hospitality, and for getting into the spirit of the program.



Pictured: Construction of the Liebherr booth, for Bauma 2016

Tradeshaw Update

In 2016, Liebherr will attend two of the major industry trade shows: BAUMA and MINExpo. At the shows, we will debut some exciting new technologies and machines across all divisions! This photo shows the

construction of the Liebherr booth for the BAUMA 2016 to be held in Munich, where the Liebherr Group will have the largest stand with more than 14,000m² of floorspace. BAUMA is the world's largest

mobile trade show. Keep up to date with the progress, updates, background information and preparations leading up to the shows on the Liebherr Facebook and LinkedIn pages.

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