

Summer 2016 Edition



» The first repowered R 996 B in the Hunter Valley.

MOOLARBEN AND MT THORLEY BRANCH DELIVER THE FIRST REPOWERED R 996 B IN THE HUNTER VALLEY

In a long standing tradition of collaboration between Moolarben Coal Operations (MCO) and Liebherr-Australia, the first R 996 B engine repower module was performed successfully this spring. In keeping with the six pillars that define Liebherr Mining, the genesis of this initiative came from a shared desire for efficiency, reliability and customer service.

Through the collaboration of Liam Whittaker, Maintenance Manager at MCO and Ben Kerr, Customer Support Manager at Liebherr-Australia's Mt Thorley branch, both parties agreed on a scope of work, commercials, labour and support and delivered the first R 996 B engine repower module on time and on budget.

Key to the success of this project was understanding the customer wants and needs and focussing on a one down-time event eliminating multiple events required to change out components and minimising the effects that multiple in-situ component replacements have on production.

Liebherr-Australia Mt Thorley branch and MCO worked together to minimise the impact on the environment too, as all waste was strictly controlled. The chance of error and cost was greatly reduced compared to multiple in-situ repairs and component replacements.

In discussing the benefits for Liebherr-Australia in broad terms, Ben Kerr confirmed "all components (splitter boxes, radiators, hydraulic pumps) used in the Power packs (excluding the engine itself) were rebuilt in our Adelaide Reman facility with all hoses manufactured in the Liebherr hose shop.

"From a local labour perspective, 24 technicians, electricians and supervisors were involved in the project working 24 hours a day for 6 days and 5 nights. There were four fire suppression technicians required for the recommissioning of fire system and on the last day, two Cummins technicians were required

to commission the engine. Mt Thorley branch ensured sufficient product support representatives and a leading hand were present to complete a full hydraulic tune up".

As always, safety was paramount on this project, with pre-erected scaffolding in place for ease of access and safety when power packs were removed and minor parts interchanged.

Ultimately the success of this project was based on teamwork and an acute understanding of the customer requirement and delivering a solution. The power pack replacement project reduces machine downtime for major end of life component replacement from 14 days to 6 days. It enables a critical production machine to be repowered in greater than half the time of a traditional engine change.

The results are based on availability and this was shown during the month of October, following the installation of the rebuilt modules, with Digger 3 exceeding 600 production hours for the month, while maintaining high MTTs/MTTF with strong availability and reliability figures, much to the delight of Production and Maintenance at Moolarben Coal.

WALLENIUS WILHELMSSEN VISIT

Steve Hogg, Andrew Esquilant and Manson Tong from Mobile Cranes with Gail Wilkinson from our Earthmoving division attended a tour of the Wallenius Wilhelmsen shipping vessel in Port Kembla, New South Wales. Liebherr-Australia would like to thank the whole team at Wallenius Wilhelmsen for being such reliable partner to our business.



SAMARAS CRANES

Samaras Cranes, leaders in the Structural Steel and Crane Hire Industry of SA were tasked with a unique 3 crane bridge lift in the heart of Adelaide as part of the O-Bahn extension. The recently delivered LTM1200-5.1 the first in Australia to be fitted with the newly developed Variobase along with their two new LTM1060-3.1 cranes has given Samaras the enviable position of having the most modern crane fleet in South Australia.



STEPHENSONS MOBILE CRANES

From left to right: John Bradley, Don Marshall & David Breakspear from Stephenson's Mobile Cranes taking delivery of their brand new LTM 1060-3.1



RECENT DELIVERIES

1. Anthony Mattar (Director of Super Rain Cranes & Rigging) along with his wife Rose, took delivery of their very first crane, an LTM 1220-5.2, in September.



2. LTM 1100-5.2 (Blue) – Wagga Mobile Cranes recently took delivery of a brand new LTM 1100-5.2, this particular unit is fitted with the new VarioBase feature.



3. LTM 1060-3.1 (green/yellow) – On Monday the 3rd October Waters Crane Service took delivery of their brand new LTM 1060-3.1.



4. LTC 1045-3.1 (red) – Borger Cranes & Rigging recently took delivery of two LTC 1045-3.1 cranes.

5. LTR 1100 - Successful delivery of 'Holt Lifting' 10 yearly major inspection.



KALGOORLIE LOCAL CRANE HIRE

Brendon Penn Crane Hire have taken delivery of a new LTM1090-4.1, which is the second LTM1090-4.1 they have purchased and takes their fleet of Liebherr cranes to a total of four machines including and LTM1220-5.2 & LTM1160-5.1.

Brendon Penn Crane Hire is a Kalgoorlie-based, locally owned and operated crane hire company.

Established in 1993, they started with a single 12-tonne Franna crane and have grown to a fleet of cranes and support equipment ranging from 20-tonne Franna cranes to 220-tonne All Terrain cranes.

They provide services to a varied range of industries including construction, mine maintenance, earthmoving and industrial. Their team are motivated and passionate about what they do and aim to exceed client expectations on every job they attend.



» The second LTM1090-4.1 for Brendon Penn Crane Hire.

VEOLIA CHOOSES LIEBHERR FOR SYDNEY WASTE SITES

Veolia have recently taken delivery of a fleet of Liebherr wheel loaders and material handlers for a number of their existing and new Veolia waste sites in the Sydney Metro area. The decision to purchase Liebherr Mobile equipment followed successful trials assessing the machines suitability in the various Veolia waste applications, Veolia were particularly impressed with the Liebherr Hydrostatic drivetrain, providing efficient operation and exceptionally good fuel savings.

The recent opening of the new Banksmeadow Waste Rail Transfer facility saw 2 Liebherr L 556 Tier IIIB wheel loaders delivered into service there for the loading of domestic waste, compacted into 40 foot container for rail transport to their Woodlawn landfill. The layout and process is almost identical to the Clyde site which has also recently received 2 Liebherr L 556 XPower® loaders for the operation there.

Their Greenacre transfer facility has received our Liebherr L 566 wheel loader whilst Port Botany transfer facility has received a Liebherr L 556 loader and LH 22 M Material Handler, with more units, including a Liebherr PR 756 waste spec dozer and a tracked LH 30 C material handler which will be delivered to facilities in the new year, further adding to Veolia's now impressive fleet which will total 11 Liebherr units all together across the east coast.



» L 556 XPower® wheel loader at Veolia's site at Clyde, NSW.

WATPAC R 9150 'FIRST FOR WA GOLDFIELDS'

Watpac continues to embrace some of the mining industry's latest technologies, by adding the first Liebherr R 9150 excavator in Australia to carry out load and haul duties, to their mining fleet at the Western Australian Mt Magnet mine.

The first 100 hours of operation for the R 9150 at Watpac's Mt Magnet Operations confirmed fuel savings in line with the specifications, performing at a lower fuel burn to the current popular 100 tonne class models in Watpac's fleet.

The 8.3m³ bucket is larger than the current standard used on Watpac's 100 tonne class machines, with early indications showing the benefit of less "dead time" for the truck whilst being loaded.

Underpinned by a skilled workforce with expertise in long-term remote project delivery, supported by a large plant fleet, best-practice safety and management systems, Watpac is an excellent partner

for Liebherr-Australia to promote and chart the progression of the R 9150 with.

The Mt Magnet mine is located between the Perth and Newman mining branches meaning that support is always available; with Liebherr-Australia maintenance personnel providing on-site training and skills transfer in the machine's first weeks in the pit.

Watpac confirms that the R 9150 is promising on a number of fronts and is pleased to be working closely with Liebherr-Australia in promoting the first R 9150 in the Western Australian gold fields.



» R 9150 first for WA Goldfields.

EMCC AWARD NOMINATIONS

In September, Liebherr-Australia were proud to be nominated in categories at the 5th Earthmover & Civil Contractor Awards held in Sydney. The nominations were for our new products.

- **XPower® Wheel Loader Series** (Product Innovation Award and Technology Release of the Year)
- **PR 776 Dozer** (Product Innovation Award, Technology Release of the Year, WHS Product/Service of the Year)



» The L 566, part of the XPower series.

AMC CRANES IN BMX TRACK ROOF INSTALLATION

AM Cranes recently took part in the BMX Track Roof structure project in the Northern Territory, which consisted of a 12 crane lift weighing 120.5t, requiring 8 x Frannas and our four Liebherr cranes (LTC1045t-3.1, LTM1070-4.2, LTM1095-5.1, LTM1100-5.2); while another lift on the same project utilised 10 cranes of the same structure Weighing 204t which also required our LTM1400-7.1



» AMC Cranes in BMX Track Roof installation in the Northern Territory.

TIME-LAPSE OF THE MOOLARBEN COAL R996 B POWERPACK CHANGEOVER

Liebherr-Australia will soon release a timelapse video of Moolarben Coal's R 996 B powerpack changeover on the Liebherr Youtube Channel. Below are some stills from the video, showing the various stages of the project. For more information about the story, see the front page!



» Stills from the powerpack changeover.

LOOKING BACK

In 2004, the Earthmoving Division started with only 5 employees, which doubled to 10 by 2006. In 2008, after significant expansion, including joining with the mobile crane division, both divisions moved to the Smithfield premises. In 2012, the divisions moved into a specially designed and built facility in Erskine Park to accommodate their continued expansion.



» Smithfield branch then, and Erskine Park facility now.

NEW ZEALAND BRANCH RELOCATION

The Liebherr New Zealand office has recently moved from Matamata to Tauranga. The new Tauranga office supports the earthmoving industries within the Bay of Plenty, Waikato and Coromandel regions with service, sales and spare parts.

The contact details are:

A: 20 Cherokee Place, Mount Maunganui, Tauranga 3116.

P: +64 (0)7 574 7766
+ 64 (0) 800 543243

HEADING NORTH 2016 CICA CONFERENCE

The Crane Industry Council Of Australia (CICA) Conference 2016 "Heading North" was held in the beautiful North Queensland city of Cairns this year. Liebherr enjoyed a very successful conference securing several new sales along the way.



» Julia Walter, Richard Gulbis, Steve Hogg, Manson Tong, Tom Curran, Sara Elliott.

NEW HOME FOR ADELAIDE MOBILE CRANES

The Mobile Cranes Division has moved from the Para Hills West Head Office complex to a new dedicated facility at 8 Matson Court, Gillman. The new area will allow the team to increase sales, support, and a large range of customer service options for their customers.



» New Mobile Cranes home in Gillman.

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Liebherr in Adelaide
Head Office
1 Dr. Willi Liebherr Drive
Para Hills West
SA 5096
Tel: (08) 8344 0200
Fax: (08) 8359 4311

Liebherr in Adelaide
Mobile Cranes
8 Matson Court
Gillman
SA 5013
Tel: (08) 8361 1600

Liebherr in Brisbane
Mining
G7 12 Browning Street
South Brisbane
QLD 4101
Tel: (07) 3034 8800

Liebherr in Brisbane
Earthmoving · Mobile Cranes
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) 4963 3100
Fax: (07) 4963 3144

Liebherr in Melbourne
Earthmoving · Mobile Cranes
41-45 Ordish Road
Dandenong South
VIC 3175
Tel: (03) 8788 9700
Fax: (03) 9706 0132

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 Cranes
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 Cranes
Mobile Cranes · Maritime Cranes
1-15 James Erskine Drive
Erskine Park
NSW 2759
Tel: (02) 9852 1800
Fax: (02) 9670 1085

Liebherr in Auckland
Earthmoving · Crawler Cranes
Mobile Cranes
10 Crooks Road
East Tamaki, Manukau
NZ 2013
Tel: + 64 (9) 253 9700
Fax: + 64 (9) 271 3880

Liebherr in Tauranga
Earthmoving
20 Cherokee Place
Mount Maunganui, Tauranga
3116, NZ
Tel: + 64 (7) 574 7766
+ 64 (0) 800 543243

Liebherr in Christchurch
Earthmoving
1444 Main North Road
Waikuku, Canterbury
NZ 7473
Tel: + 64 (0) 800 543243



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