

2012



Scale Dragline For Scale Test and Operator Training



LC has completed the installation of a scale Marion 8050 Boom and Mast to its test rig facility based at Goodna Technology Park, QLD. This scale rig is the only one of its type in existence in the world.

Having been commissioned with an on-board MAX Watchdog Structural Monitoring System, fatigue data is acquired from strategically located strain gauges. Real-time analysis of this data identifies accumulated damage to the boom providing warning of high fatigue. LC's D-FEWS (Dragline Failure Early Warning System), can identify cracks in lacings, broken ropes and other potentially catastrophic stress situations.

The scale rig offers opportunity to gain high value return from scale testing of dragline buckets, load data acquisition, analysis relating to digging operations, operator usage and training aimed at improving effectiveness and efficiency.



Service
Brochure

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