

Australian resettlement compaction project for Dynapac

Earthworks excavations have begun on Western Australia's latest key transportation and logistics complex, Latitude 32, with two Dynapac compaction rollers undertaking sole crucial compaction duties in a reinstatement programme.

Covering an area of almost 1400 ha, Latitude 32 is set to become Western Australia's largest industrial and logistics development, integrating the Kwinana Industrial area, the marine complex at Henderson, East Rockingham industrial park and the planned new Fremantle Ports outer harbour at Cockburn Sound.

Earthmoving specialist contractor R J Vincent & Co has started work on its latest project covering an area of 250,000 m². Utilising its fleet of Cat 651D and 657E scrapers, R J Vincent & Co is removing up to 2 m of overburden for use as backfill in a reinstatement and levelling programme to level the overall site, ready for roadworks.

Two CA362 Dynapac rollers, each fitted with either a smooth drum or padfoot drum are being used for compaction of the backfill.

Generally alternate 450 mm layers of limestone are laid, ready for compaction by the respective drum roller to meet a 95% degree of compaction. The whole site is then "top dressed" with a 450mm sand layer again compacted to 95% by the smooth drum roller.

Newly arrived operator Michael Lyle admitted that it was his first experience with Dynapac, "But it's been real easy. They are very simple to operate."

He continued, "I have found the seat to be very comfortable and being able to turn the seat means I do not get any neck stiffness in continually turning."

Located in Hope Valley, Wattleup, the project is just 25 km south of Perth. It will feature 14 vertically integrated precincts to accommodate a variety of complementary land uses including transport, general industry, commercial and a business park.

It will also address the need for integrated and multi-point land transport providing access to purpose-built roads suitable for high-wide loads, such as sea containers from either the existing Fremantle Ports or proposed new harbours.

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