



Case Study:

EIGHT NEW BELT CONVEYORS, IN JUST EIGHT WEEKS



AUSTRALIA

Location:
Western Australia, Pilbara

Operation Type:
Iron Ore Mine

Equipment Solution:
Transmin Belt Conveyors

Year:
2015

Issue On Site:

Our client, a leading EPC, had been given the challenging task of carrying out significant plant upgrades at the Mount Webber Mine in Western Australia **on an extremely tight deadline.**

The site operator was under pressure from the mine's owner, to deliver maximum productivity from the crushing and screening plant, and had engaged the EPC, to ensure the increased output levels were met.

To achieve the ambitious targets set, a network of eight new overland belt conveyors had to be sourced, engineered, assembled and delivered to site.

But the biggest challenge was the time frame: The entire project, from award of contract to delivery of new plant on site, had to be completed within just 8 weeks.

Completing an upgrade of that size within just eight weeks was virtually unheard of within the industry, and the EPC was having trouble finding a supplier who could work within such a short timeframe. In fairness, even the EPC didn't think it was possible!

Luckily for them, there was one company willing to rise to the challenge.

Transmin took on the job with confidence thanks to our extensive network of local and overseas suppliers, who could be relied upon to meet the tight deadlines other companies had baulked at.

The Solution:

The EPC needed eight new belt conveyors ranging from 14 meters to over 50 meters in length to increase the capacity of the mine's crushing and screening plant, and Transmin's standard model conveyor, with their 600mm wide belts and regulation pulleys and rollers, were perfect for the job.

Transmin has been producing belt conveyors and feeders for 30 years and this extensive experience means we have the expertise needed to design and supply customisable belt conveyors for mining, mineral processing, quarrying and general bulk-materials handling applications – even on tight deadlines.

All Transmin belt conveyors are built to perform under heavy workloads and are fitted with the ConveyorPro range of high-quality components, including; pulleys, belt, idlers and rollers, load supports, and a range of sensors and material analysis equipment.

The Result:

Although the deadline was demanding, Transmin delivered the project on time, as promised, without any issues.

The new belt conveyors have allowed the EPC to meet the mine owner's increased production requirements and according to the EPC's management team, they couldn't be happier with the results.

The plant is still in commission today and has been operating with minimal downtime since installation, despite its heavy workload and the typically tough Aussie mining conditions!

Key Features:

► Head Enclosures

Fully enclosed for safety and dust control, with access doors and mounting points for belt cleaners.

► Drives

Compact, shaft mounted drives with either planetary helical bevel combinations or hydraulic units.

► Take Up

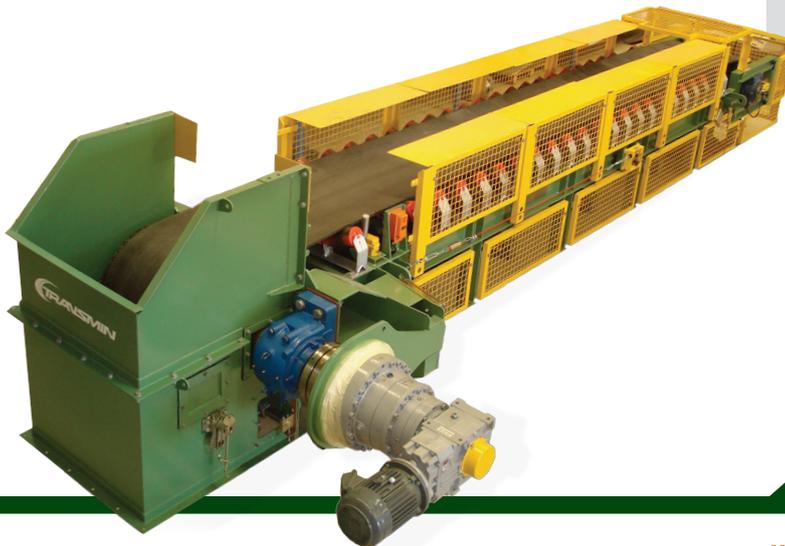
Manual screw or semi automatic belt tensioning systems as standard.

► Guards

To Australian standards and easily removable in manageable sections.

► Customisable

Various widths to suit most applications, with belt widths up to 3.0m.



HEAD OFFICE

Western Australia

Local Call: 1300 127 091

International Call: +61 (0) 8 9270 8555

International Fax: +61 (0) 8 9249 6116

Email: wasales@transmin.com.au

Address: 33-37 Denninup Way Malaga
Perth, Western Australia, 6090

Queensland & Northern Territory

Local Call: 1300 800 609

International Call: +61 (0) 7 3736 3340

International Fax: +61 (0) 8 9249 6116

Email: qldsales@transmin.com.au

Address: 76 Dulacca Street
Acacia Ridge, Brisbane
Queensland, 4110

INTERNATIONAL OFFICES

South Africa

Email: sales.rsa@transmin.com.au

South America

Email: sales.sa@transmin.com.au

Brazil

Email: sales.br@transmin.com.au

North America

Email: sales.ca@transmin.com.au