Since 1985, NEPEAN has continually developed conveyor take up design to remain at the forefront of bulk materials handling techniques. Two styles of railbay are available, each with a unique advantage:

• Compression beam design – excellent for weak ground conditions
• S-Beam design – improved access to carriage and belt separators, self-shedding of fines build up and stackable for transport

NEPEAN can design belt storage systems to suit any conveyor application, for any belt width, with any storage capacity.

Options Available:

• Liveshaft or Deadshaft pulleys
• Belt clamps
• Integrated winch
• Galvanised or painted
• Driven or dynamically braked belt storage units
Benefits of NEPEAN Designs

Modular
Our S-Beam railbays form the building blocks of a truly innovative storage system. Simply add or remove railbays to provide the right amount of belt storage for your application. Railbays available in 3.0m/4.5m/6.0m lengths.

Low Maintenance
The self-shedding nature of the S-Beam ensure material fines don’t accumulate on the rail-bay. Anti-lift rollers, side thrusters and parabolic wheels ensure the carriage remains straight providing excellent belt tracking.

Transport
Transport is simplified with fork tyne pockets and stackable railbays.

Faster Installation
Locating pins and modular guarding systems allow rapid installation and decommissioning.

Compatible
All NEPEAN Belt Storage Units are compatible with all means of T2 tension control, including gravity tower or powered constant tension winch.

Model Live Storage Capacity
BS2 10 - 40m
BS4 40 - 100m
BS6 100 - 300m +

NEPEAN IS AUSTRALIA’S MARKET LEADER
70% of Australian underground coal mines have invested in NEPEAN LTU equipment. NEPEAN Conveyors is the large scale mining conveyors projects arm of NEPEAN Mining. NEPEAN Mining is a division of NEPEAN™, Australia’s largest privately owned engineering, mining services and industrial manufacturing organisation. NEPEAN Conveyors, NEPEAN Power and NEPEAN Longwall provide an extensive portfolio of products and services. Each can independently deliver unique, high quality results, or as one company, we offer a one stop mining solution.

WITH MORE LOCATIONS, WE’RE NEVER FAR AWAY
We design and manufacture in multiple locations around Australia and South Africa. We are strategically located close by to major mining areas so we can service our Coal, Hard-Rock and Port customers.

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