

Conveyor Transfer Stations



Airly CV04 Conveyor, Western Coal Fields, NSW

NEPEAN Conveyors designs and manufactures world-class transfer stations to meet our customers' unique and specific project requirements. Since 1985 NEPEAN has been building experience in design and manufacture of transfer towers, floor mounted transfers and roof mounted transfer stations. Customers gain the benefit of our vast knowledge, experience and performance-driven culture.

BUILDING TECHNICAL CREDIBILITY SINCE 1985

NEPEAN Transfer Stations are designed to reduce belt wear, material degradation, dust emissions and improve material flow behaviour. Using DEM software, dynamic simulations test the material flow through the transfer to optimise every design.

NEPEAN will adopt a transfer station style appropriate to project and customer specific requirements. A large variety of wear surface materials and wear liners are available to suit specific applications and product materials. Some common styles of transfer chutes include:

Hood & Spoon Chutes

Full adjustable design to optimise flow characteristics with multi-directional chutes. Dewatering facilities can be included in the fines tray and/or the spoon chute.

Inline Chutes

Adaptable to tramp iron magnets installations, dewatering and tripper/booster drive applications.



Rock Box

Often used to benefit hard rock mining, Rock Box transfers are suited to dry, abrasive and lumpy material. Designed so the material fills a ledge or several ledges, creating a wear surface providing an ideal impact plate as the two materials have equal properties. Rock Box transfers are avoided if the material is fine, wet or sticky.

Conveyor Transfer Stations

Benefits of all NEPEAN Designs

Flexible

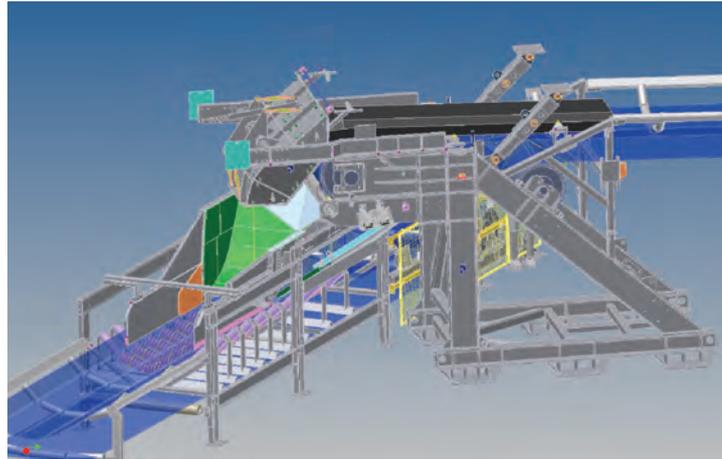
Chutes are fully adjustable to permit fine tuning and incorporates independent components to provide greater flexibility.

Unmatched Support

Five established support facilities in Australia.

Fully Customisable

- Integrated or removable wear liners
- Stainless or mild steel construction
- Painted or galvanized finish
- Available with or without primary and/or secondary de-watering screens

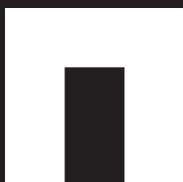


NEPEAN IS AUSTRALIA'S MARKET LEADER

70% of Australian underground coal mines have invested in NEPEAN 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 to independently deliver unique, high quality results, or when united, NEPEAN offers 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.



NEPEAN
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For more information please contact:

AUSTRALIA: 1800 NEPEAN
SOUTH AFRICA: +27 11 708 2854