

Tripper Drives



Higher production demands more power - NEPEAN designs and manufactures tripper drive systems, tailored to our customers' specific needs. Since 1985 NEPEAN has developed knowledge and experience with tripper drive technology and provides accurate and trustworthy advice to the world's largest mining companies.

BUILDING TECHNICAL CREDIBILITY SINCE 1985

Since 1985 NEPEAN have managed large scale, high production conveyor installations that has resulted in a wealth of accurate and trustworthy knowledge on the implementation and control of conveyor tripper systems. In association with NEPEAN Power, our tripper drives are able to seamlessly communicate with the drivehead, regardless of the drive technology employed. NEPEAN engage the latest technology and software to analyse conveyor systems during design to ensure the location of the new equipment is optimised. We understand the principles of load-sharing, and use this to maximise the productivity of every system.



Tripper Drives

Benefits of NEPEAN Designs

Engineering Design Experience Since 1985

Our engineering team carefully conducts power and tension analysis to accurately locate new tripper equipment to maximise the productivity of each system. Also, by utilising advanced software such as DEM and FEA analysis, NEPEAN accurately predict the flow behaviours of the material at time of concept, ensuring smooth transition of the material burden.

High Value, Cost Efficient Low Profile Design

Low profile, in-seam tripper designs save expensive and timely roof excavation. Trippers can be supplied for underground installations requiring minimal roof height. Modular assemblies with fork tyne pocket promote rapid removal so longwall production can resume sooner.

Softloading

In most cases, the belt is the most valuable asset for our customers. Soft loading chutes reduce impact on

the belt, less wear to belt covers and prolonged life of impact idlers, reducing on-going running costs.

Dewatering & Magnet Options

NEPEAN's dewatering stations can be designed into powered or non-powered trippers. NEPEAN offers primary and or secondary dewatering options, to remove excess water from the conveyed product reducing load, clean-up and having an impact on safety. Magnet stations can also be used to provide further belt protection.

Braking Trippers

When conveyors require braking or regenerative power NEPEAN understands the requirement to properly distribute braking power via brake trippers. NEPEAN always aims to provide the safest and most innovative engineering solution.



LARGEST IN AUSTRALIA

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 Mining provides an extensive portfolio of Conveyors, Power and Longwall products and services to Australia's mining industry. 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 the world.



NEPEAN
Conveyors

For more information please contact:

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