

# Steel Roller

## Optimum performance, reliability and durability

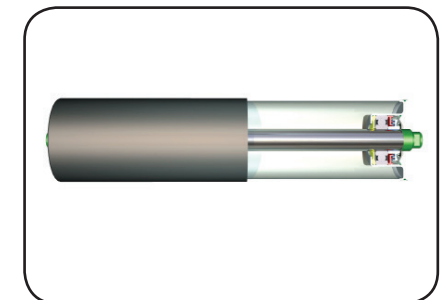
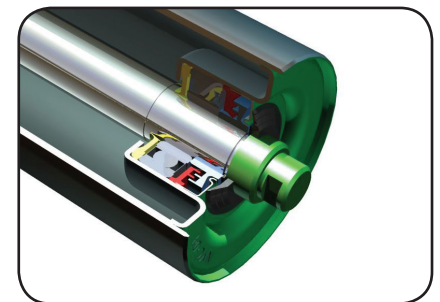
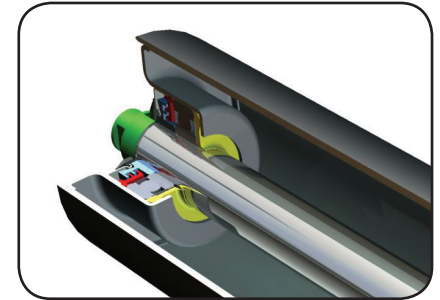
**NEPEAN® Conveyors have significant experience in designing conveying solutions that are safe, reliable and enable maximum productivity levels.**

**NEPEAN Conveyors specialise in products for the future of mining.**

The NEPEAN Conveyors Steel rollers are manufactured using welded end housings, which are equipped with NEPEAN Conveyors' specially designed patented flange housings.

Our unique design and manufacturing process has resulted in a steel roller engineered to ensure optimum performance, reliability and durability.

Other features also include its belt friendly design which means it is not prone to the "pizza cutter" effect, has high impact resistance and is equipped with precision bearings greased for life. The NEPEAN Conveyors Steel roller high quality tube is manufactured for conveyor rollers conforming to SABS 657/3 standards and its shell can be hot vulcanised rubber lagged or galvanised wear coated for special applications.



### BENEFITS:

- ◆ Can sustain higher loads, ideal for heavy duty applications
- ◆ Welded rollers not susceptible to housing removal over time due to high loads, belt tracking, thermal expansion/contraction and moisture absorption
- ◆ Housing ends can be precision balanced to required specifications
- ◆ Steel rollers can be machined, galvanised, hot vulcanised rubber lagged, FRAS lagged and wear coated
- ◆ Cost savings of replacement rollers with fewer failures and less maintenance
- ◆ Performance of the highest quality

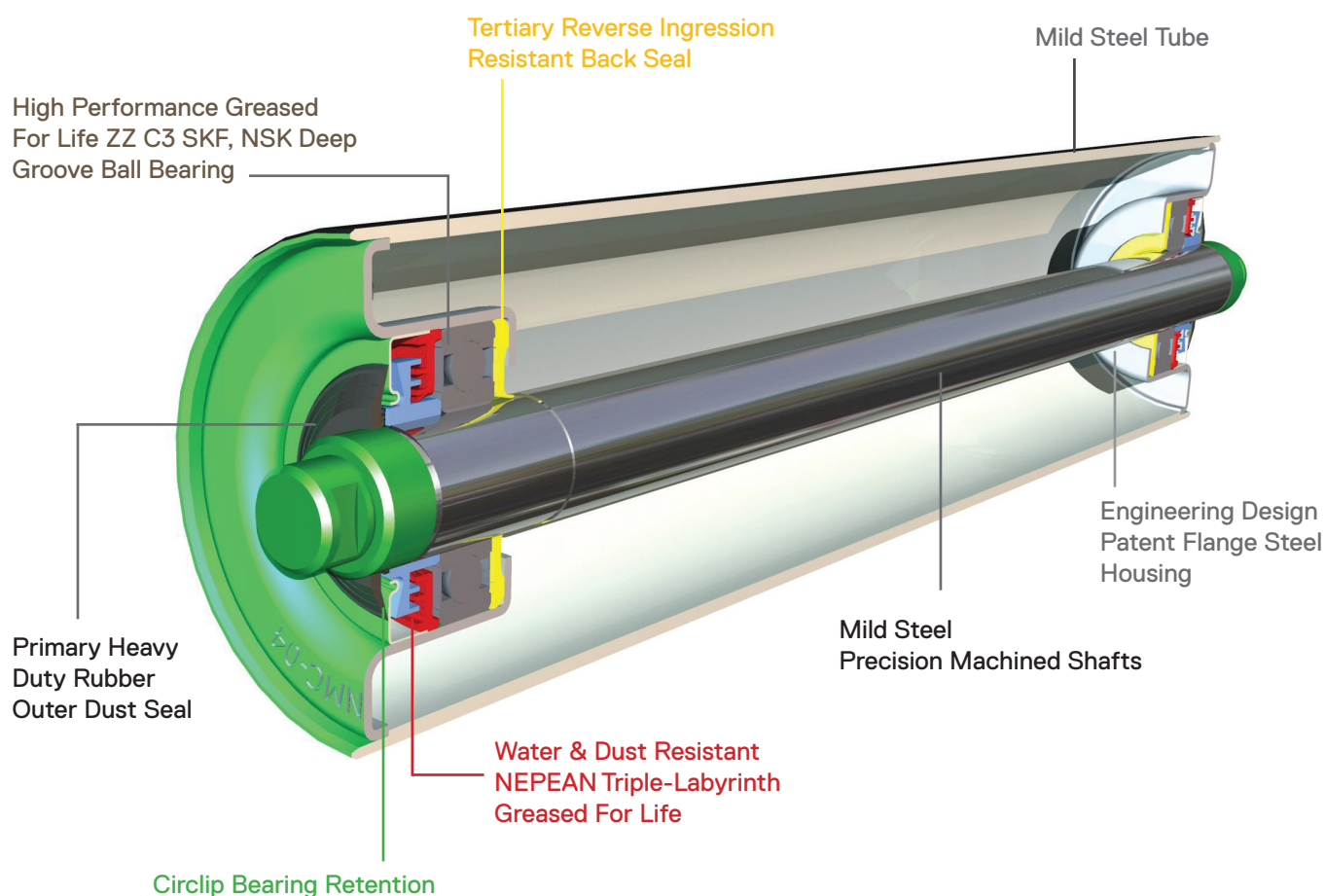


**"Maintenance free,  
sealed for life, precision  
ball bearing rollers"**

### SPECIFICATIONS

	Description
Housing	NEPEAN designed patented flange housing
Shell	AS1163 C250-350 gr. to customer's desire
Seal Options	NEPEAN designed triple-labyrinth seal
Bearing Type	SKF, NSK or customer specified choice

**“High loading roller which can be hot vulcanised rubber lagged or galvanised for special applications.”**



#### PROBLEM

Frequently failing rollers and reduced expected roller life due to inferior design

#### RESULT

Significant high cost to replace/maintain

#### NEPEAN SOLUTION

Superior designed and manufactured NEPEAN Steel roller

**For more information:**

**1800 NEPEAN | [www.nepeanconveyors.com](http://www.nepeanconveyors.com)**

## NEPEAN® CONVEYORS ARE AUSTRALIA'S MARKET LEADER

NEPEAN Conveyors operate the most advanced, high tech idler production facility in Australia. We offer complete conveyor system solutions and support services to the mining and resource industries.

NEPEAN Conveyors, internally developed, industry-leading software and extensive manufacturing capabilities have allowed us to provide an extensive portfolio of products and services to independently deliver unique, high quality results. NEPEAN Conveyors offer a one stop conveyor solution.

## WITH MORE LOCATIONS, WE'RE NEVER FAR AWAY

We design and manufacture in multiple locations around Australia. We are strategically located close to major mining areas so we can service our coal, iron ore, hard rock and port customers.