

Rubber Disc Return Roller

Durable, reliable conveyor roller for wear issues

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.

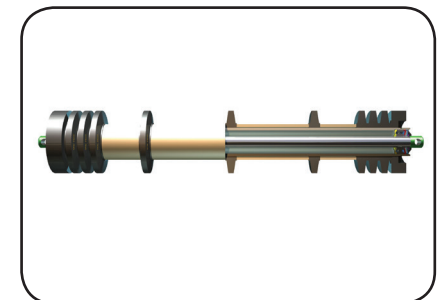
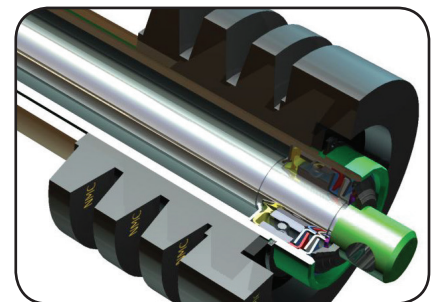
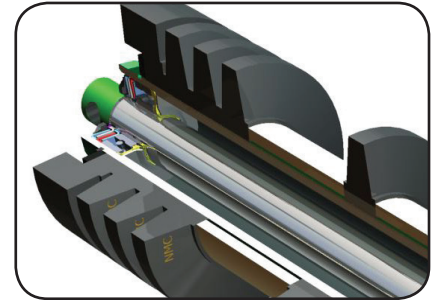
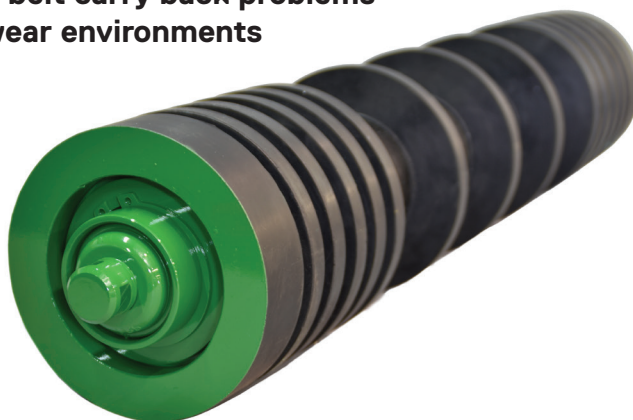
The NEPEAN Conveyors Return Rubber Disc Idlers operate by utilising durable rubber discs positioned at regular intervals along the roller to effectively eliminate conveyor belt carry back build up. This is done by breaking up the material on the return side of the conveyor belt which is normally concentrated in the centre of the belt. The rubber discs are bunched together at either end of the roller to provide support and protection to the belt edges.

The rubber discs avoid the build up of material that can be deposited onto the roller surface which can cause the roller diameter to develop an irregular worn surface and change shape. This is often a major cause of belt mistracking. Highly effective, NEPEAN Conveyors Rubber Disc rollers are a reliable and simple maintenance solution to this common belt conveyor problem.

Ideal solution for areas where return rollers are subject to high carry back volumes and where return rollers are subject to high shell wearing.

BENEFITS:

- ◆ **Cost savings of replacement rollers with less failures and maintenance free**
- ◆ **Performance of the highest quality**
- ◆ **Can sustain higher loads**
- ◆ **Ideal for return belt carry back problems**
- ◆ **Ideal for high wear environments**

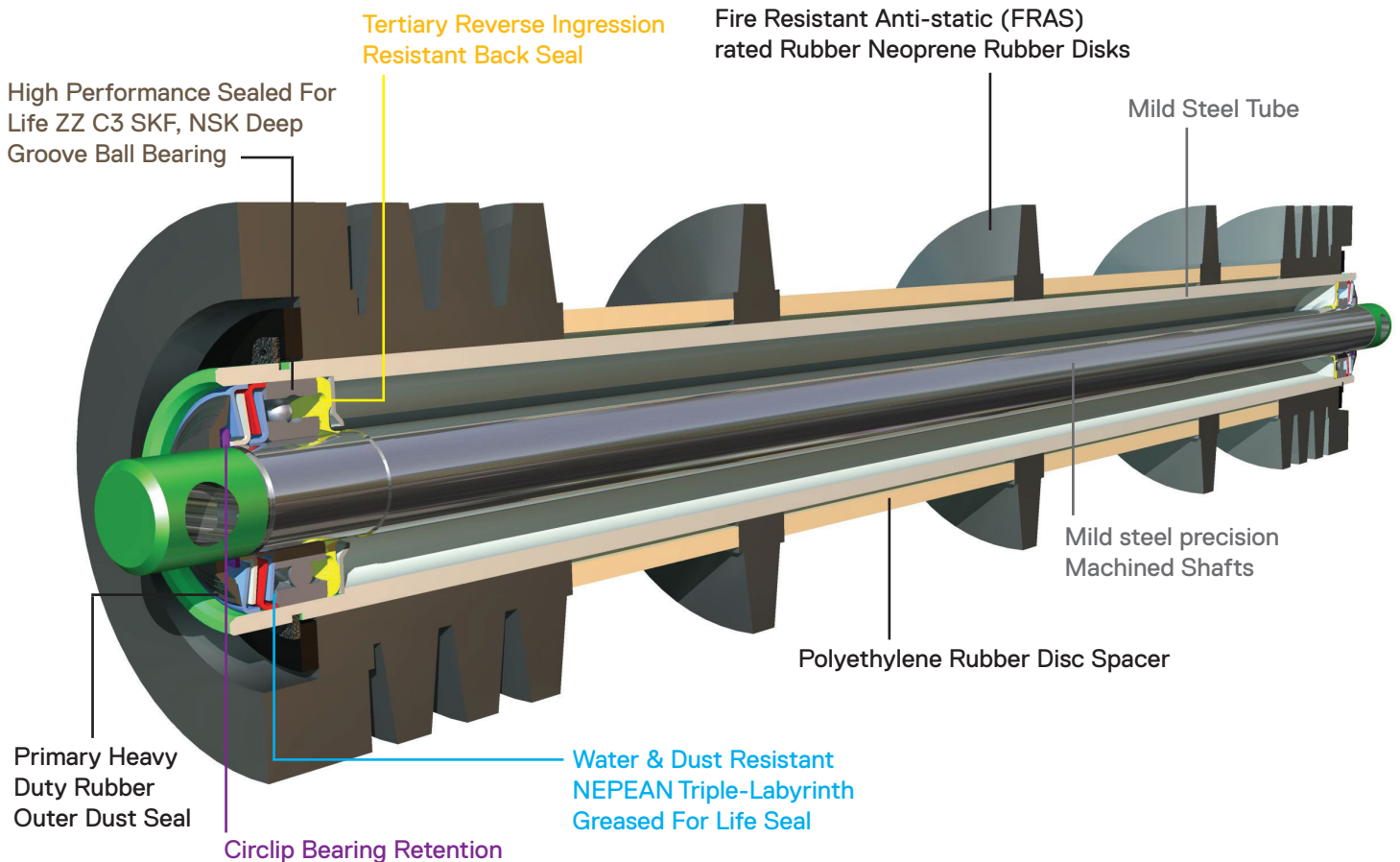


“Reliable and simple maintenance solution to this common conveyor problem.”

SPECIFICATIONS

	Description
Housing	Neoprene rubber FRAS rated
Shell	AS1163 C250-350 gr. to customers desire
Seal Options	NEPEAN designed dual triple-labyrinth seal
Bearing Type	SKF, NSK or customer specified choice

“NEPEAN Conveyors Return Rubber Disc Roller is ideal for areas of high wear due to carry back”



PROBLEM

Excessive wearing of rollers in operation, causing frequent stoppages and changeouts

RESULT

High cost of replacement rollers and belt mistracking due to uneven wear of roller

NEPEAN SOLUTION

NEPEAN Conveyors designed Rubber Disc Return roller

For more information:

1800 NEPEAN | 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.