

## HCD HEAVY & SUPER HEAVY DUTY IMPACT ROLLERS

New Zealand Conveyor conditions are unique due mainly to the amount of wet weather our country experiences. Impact rollers are commonly used in areas where impact and sticky product is an issue. Additionally dust and dirt driven into roller bearings and seals in classic NZ wet and mucky conditions is a well-known issue in the Conveyor industry. Impact Rollers must be designed with this problem in mind. This type of problem is common in these industries;

Fertiliser      Hard Rock Quarries      Coal Plants      Iron Ore      Gold Mines Lime Quarries

**Quality** is the key to all conveyor rollers and we have this at the top of our list when selecting our manufacturers and roller designs. Tight quality assurance procedures are inspected by us yearly to ensure our quality is the best and we can guarantee consistent and optimum roller performance.

### KEY POINTS OF DIFFERENCE

| <b>HCD HEAVY DUTY IMPACT ROLLERS</b>       |                   |                     |                          |                            |                                  |
|--|-------------------|---------------------|--------------------------|----------------------------|----------------------------------|
| <b>DIAMETER</b>                            | <b>SHAFT SIZE</b> | <b>BEARING TYPE</b> | <b>SEAL TYPE</b>         | <b>BELT WIDTHS</b>         | <b>TYPES</b>                     |
| <b>127MM</b>                               | <b>25MM</b>       | <b>63052RS</b>      | <b>TRIPPLE LABARINTH</b> | <b>600, 750, 900, 1050</b> | <b>RUBBER ANGLED IMPACT NOSE</b> |
| <b>HCD SUPER HEAVY DUTY IMPACT ROLLERS</b> |                   |                     |                          |                            |                                  |
| <b>DIAMETER</b>                            | <b>SHAFT SIZE</b> | <b>BEARING TYPE</b> | <b>SEAL TYPE</b>         | <b>BELT WIDTHS</b>         | <b>TYPES</b>                     |
| <b>133MM</b>                               | <b>25MM</b>       | <b>63052RS</b>      | <b>TRIPPLE LABARINTH</b> | <b>900, 1050, 1200</b>     | <b>RUBBER ANGLED IMPACT NOSE</b> |

### FEATURES

- 127MM DIAMETER – HEAVY DUTY IMPACT ROLLER, 127 Diameter allows the user to install this roller into any application that has low to high impact issues.
- 133MM DIAMETER – SUPER HEAVY DUTY ROLLER, 133 Diameter is for heavy duty impact applications.

- 63052RS BEARING – This deep groove bearing has a DOUBLE RUBBER SEAL BEARING which is very rare for a roller in New Zealand. This gives the bearing double RUBBER SEAL protection against fugitive material reducing the chances of contamination and damage to the bearings integrity
- TRIPPLE LABARARINTH SEAL – The bearing is also protected by a German designed seal with 3 levels of protection. Additionally the seal is packed with grease creating an impenetrable barrier to fugitive dust, dirt and water.
- RUBBER ANGLED IMPACT NOSES – Most impact rollers in New Zealand have a flat impact rubber nose. This type is prone to splitting through heavy impact. The reason for this is that the impact shock through this flat surface does not distribute the shock by way of expansion of the rubber nose. The impact goes through the rubber nose and directly onto the steel face of the roller and the result is a split in the rubber. The RUBBER ANGLED IMPACT NOSE allows the impact shock to be absorbed by the rubber nose and is deflected sideways away from the steel roller surface. Additionally the bearing is protected and allowed to do its job.

Stock is carried in many of our HCD branches throughout New Zealand in all the standard sizes