

ConvaTech[®]



RKM
Rollers

With over 30 years' experience in the materials handling industry ConvaTech is widely recognised as Australia's leading supplier of conveyor services and products.

We offer a Total Conveyor Maintenance capability to ensure optimum availability, reliability and best cost. Our commitment to innovative product and service solutions ensures our clients benefit from partnering with ConvaTech.

As part of the ConvaTech Group of Companies, our partner RKM specialises in the engineering, design, manufacture and production of quality conveyor rollers to ensure the highest level of performance across a range of applications and conditions.



Performance: Our commitment to producing and supplying the highest quality products is guaranteed through our ISO 9001:2008 Certification. Our products are designed to conveyor/site specific requirements and proven to deliver under the most demanding conditions worldwide.

Value: Through total customer focus, we provide intelligent solutions that deliver our customers a quality product at competitive prices. We are committed to working with our customers to develop quality, safe and cost effective solutions.

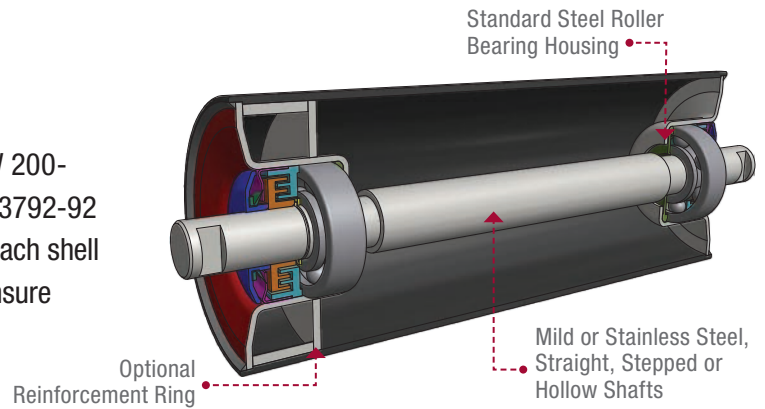
Precision: Through our in-house engineering team we utilise our computerised design capabilities to select the suitable roller for each application. We apply world-class mechanised manufacturing practices to deliver cost effective, high-speed, quality, balanced rollers that perform in today's demanding heavy mining practices.

Global Leaders in Conveyor Roller Manufacturing and Supply

PRODUCT RANGE

Plain Steel

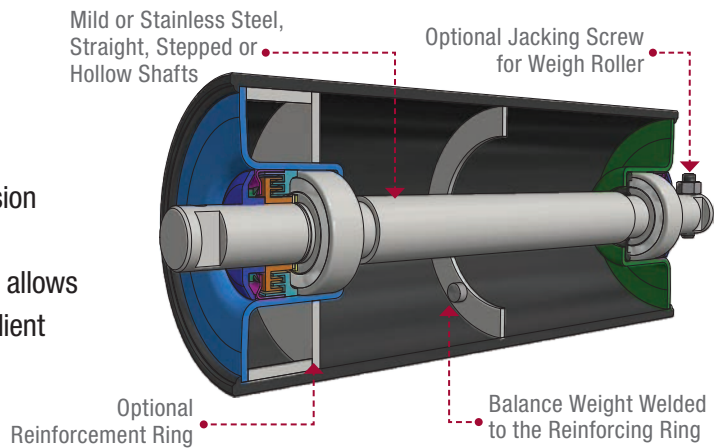
Roller construction is electric-resistance-welded ERW 200-350 range tube as per AS1450, BS1387:1985;GB/T 13792-92 and other equivalent standards for conveyor tubing. Each shell end is precision machined to fit the end housing to ensure concentricity.



- ✓ Low Cost
- ✓ High Strength
- ✓ Excellent Deflection Qualities
- ✓ Commonly Used in all Applications

Steel Low-Noise/Weigh

It is paramount to start with a good quality tube that has minimal Total Indicator Runout (TIR). Housings are precision machined to guarantee 100% concentricity. Our unique manufacturing process and dynamic balanced machines allows us to accurately balance our low noise/weigh rollers to client specifications.



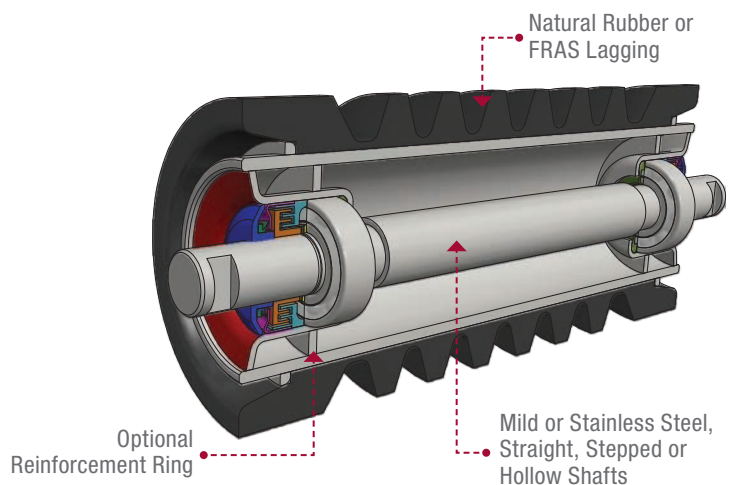
- ✓ Low Cost
- ✓ Machined & Dynamic Balanced
- ✓ Excellent Deflection Qualities
- ✓ High Strength
- ✓ Commonly Used in Areas Where Noise and Vibration is an Issue

Steel Impact

ConvaTech provides a variety of impact rollers including:

- High Impact Bull Nose Poly Rollers
- Rubber Disc Impact Rollers
- Mines Department Approved FRAS Rubber Impact Rollers

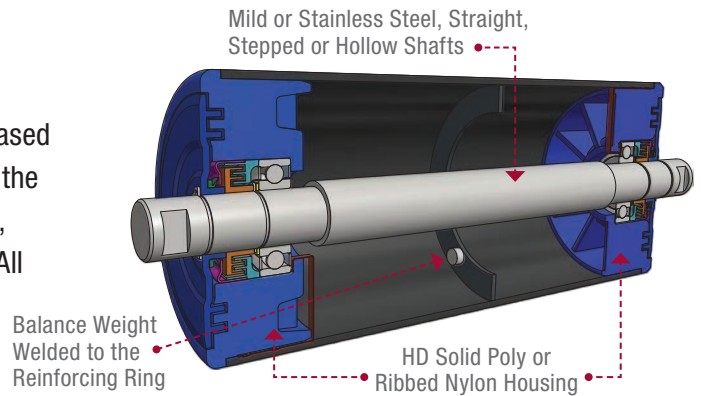
Rubber or poly lagged rollers are a highly effective way to dampen load and hence improve the life span of the rollers used in an impact zone.



- ✓ FRAS Approved
- ✓ High Strength
- ✓ Rubber Disk Lagged
- ✓ Load Dampening
- ✓ Commonly Used in High Loading Environments

Steel Composite

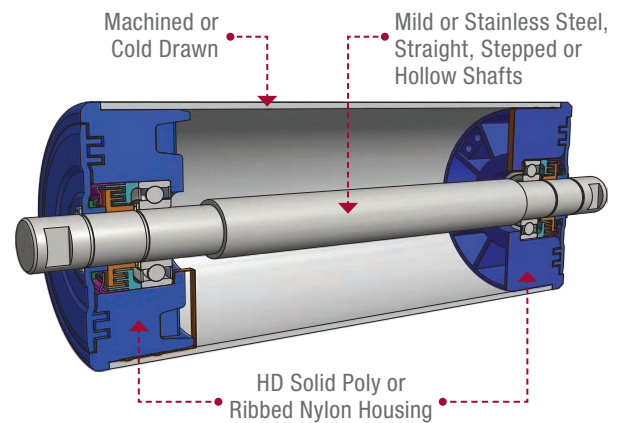
The advantage of poly housings is that they offer an increased noise reduction, due to improved sound absorption within the housing. A good quality tube with minimal TIR is essential, along with precision injection moulded bearing housings. All rollers are precision machined and dynamic balanced.



- ✓ Reduced Weight and Low Noise
- ✓ Excellent Deflection Qualities
- ✓ End Housings are Press Fit
- ✓ Commonly Used in Areas Where Noise and Vibration is an Issue

Aluminium

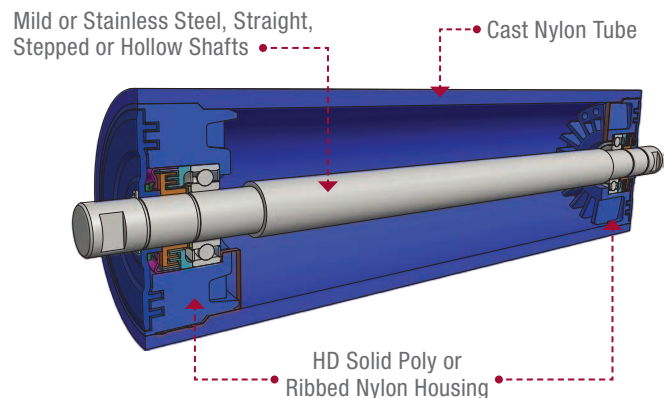
Aluminium rollers are light weight and low noise. They are available in either a heavy duty nylon composite housing, or a standard composite housing. All rollers are precision machined and dynamic balanced.



- ✓ Lightweight and Low Noise
- ✓ Good Abrasion Resistance and Deflection Qualities
- ✓ Non-magnetic and Repels Build-up
- ✓ Commonly Used in Areas Where Noise and Vibration is an Issue

Heavy Duty Cast Nylon

Roller shells are made from a high grade cast nylon. This thermoplastic has the highest yield strength and flexural elastic modulus (rated to 2800 MPa compared with other polymer rollers). This gives it the unique properties of excellent impact strength, wear and abrasion resistance. All rollers are precision machined and dynamic balanced.



- ✓ Lightweight and Low Noise
- ✓ Excellent Abrasion Resistance
- ✓ Best-in-Class Deflection Qualities
- ✓ Non-magnetic and Repels Build-up
- ✓ Commonly Used in Areas Where Noise and Vibration is an Issue

▀ CUSTOMISED PRODUCTS

We have developed a world class testing laboratory where our research and development team is focused on designing new and cost effective roller solutions that meet the specification and application needs of our clients. Using advanced testing equipment we can quickly and accurately validate roller performance.

The following tests are able to be carried out to ensure quality:

- ✓ Shaft Angle Load Tests
- ✓ Dynamic Roller Balance
- ✓ Eccentricity
- ✓ Starting Torque Test
- ✓ Rim Drag
- ✓ Friction Test
- ✓ Dust Submersion
- ✓ Water Submersion



Through consultation with our clients we are able to identify and troubleshoot inefficiencies within the conveyor system providing continuous improvement of our products with an engineered solution.

ConvaTech®

Total Conveyor Maintenance



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In partnership with

RKM

Performance | Value | Precision

When you partner with ConvaTech we guarantee you will benefit from great value roller products, exceptional support and maximum conveyor performance.



www.convatech.com.au