



RUBBER ENGINEERING AFRICA **(PTY) LTD**



SPECIALISTS IN RUBBER AND POLYURETHANE ROLLERS

Passion for Performance



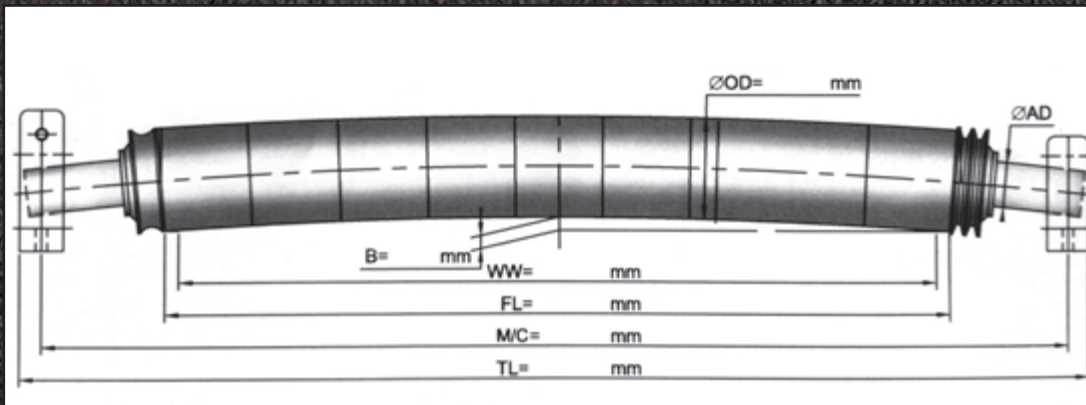
Premium Engineering

Precision Grinding, General Engineering & Fabrication
GEARS, KUSTER & BOWED ROLLERS



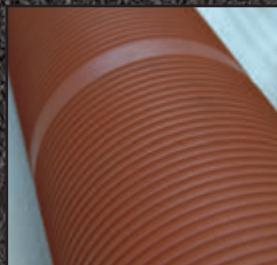
Rubber Engineering was founded in 2003 by owner and Managing Director, Nandha Moodley, who is one of the most experienced pioneers in the South African Rubber and Polyurethane Roller industry. Rubber Engineering will ensure efficient execution of jobs and service with the highest standard of professionalism guaranteed.

Bowed Rollers

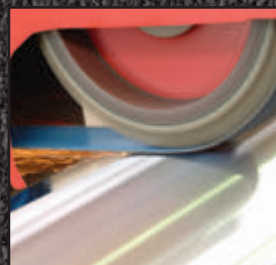


Special Products

- Mills Rolls
- Fibreglass Sleeves
- Expander/Bowed Rollers
- Kuster Rollers
- Laser Engraving
- Impression Rollers
- Electrostatic Rubber & Polyurethane Covering
- In-house Engineering (Premium Engineering)
- Rubber Sleeves/Sanforiser Belts

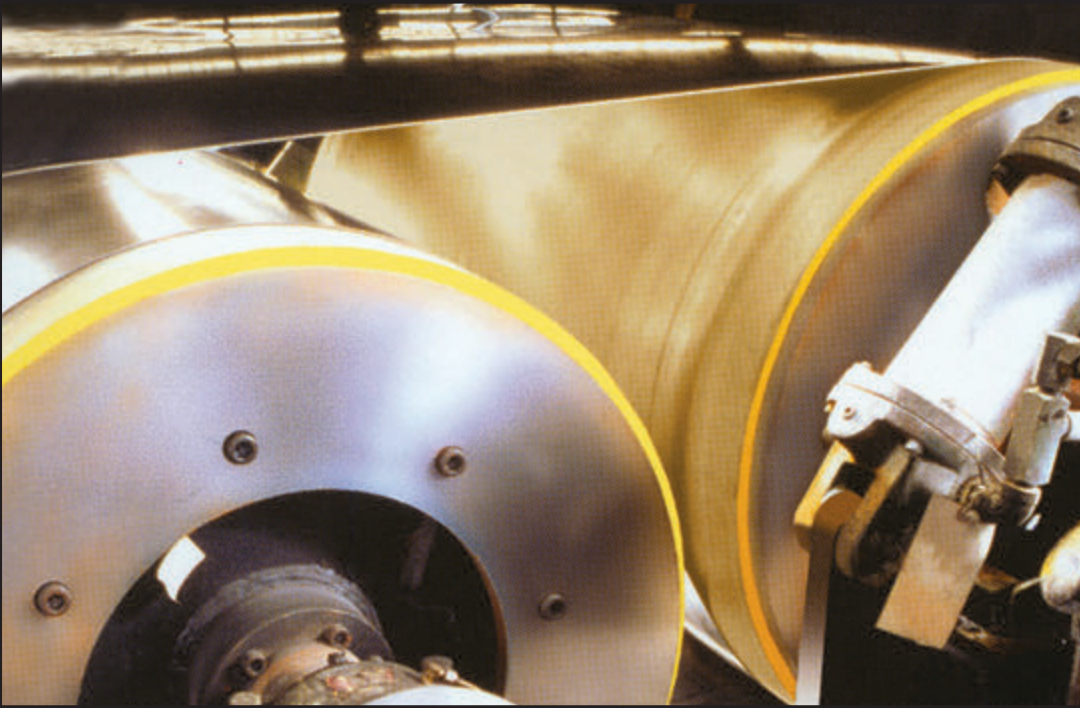


Feint Ruling



Belt Sanding Application

Polyurethane Bridle Rollers in operation



Extruder Building



3 Overhead Gantry Cranes 5 ton each

Our Services

Rubber Engineering offers a comprehensive rubber and polyurethane roller recovering service for the printing, packaging, aluminum, steel, labeling, textiles and related industries. Quality control is one of the most important aspects of our business and we always ensure that every job is thoroughly checked and rechecked by our operators and quality controllers.

Our Clients

Hulamin, Arcelor Mittal, Independent Newspapers, Uniprint Group, the Nampak Group, Fishwicks, Sappi Group, Proprint, Safal Steel, Paarl Media - CTP, Masonite, Bevcan Group and many more.

Mission

To provide a service and quality of highest integrity along with excellence in roll covering. We also aim to provide a friendly working relationship with all our customers.

Vision

Is to see Rubber Engineering grow from strength to strength through guaranteed quality products and workmanship

Values

Integrity and professionalism

What is a roller covering made from ?

- Polymers
- Vulcanisation Agents
- Plasticizers
- Fillers
- Protection Chemistry
- Processing Aids



Why should Bearings not be reused ?



-Removing bearings often damages the seal and this may cause it to "grab" or hesitate.
-Bearing race is tool steel (hard).

-Journals are cold-rolled steel (softer)

-The bearing cuts into the journal and causes printing problems.

It is a good idea to replace bearings.

Make up of a roller

A 25 durometer roller

•Contains approximately 45% Plasticizer

What happens when a poor plasticizer is used?



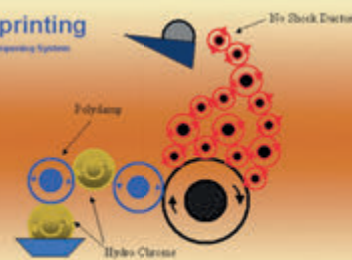
Rollers Shrink



Rollers Harden

Offset printing

Continuous Duplicating Systems



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