

www.indianroller.com

Experience Rollers
Product Catalogue

Indian Roller Industries Pvt. Ltd.

Manufacturers of Industrial, Printing & Polyurethane Rollers

RO & HO

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Note: due to constant upgradation of technology, the specifications and design are subject to change without prior notice.

"To evolve is to last forever"

Greeting from all of us

IRI is an ISO 9001 : 2008 certified company

With this simple philosophy, the brand Indian Roller was born in 1990, as a rubber roller manufacturing company by a dedicated team of young & energetic professionals. Our unit is located in a 36,000 sq. Feet area in the industrial town of Sahibabad, Dist. Ghaziabad (Delhi & NCR). The mission was to create a good product that is honestly made and sincerely served.

Besides rubber lining, in the current decade, a new associate organization is being introduced in the field of cast Polyurethane (PU) with the help of world-wide experienced French based fully automatic Baule Brand machine along with automatic electric fire oven with latest Temperature Circulation device control.



Indian Roller is backed by world class manufacturing units

Advantage of Polyurethanes

Polyurethane is a highly cost-effective, elastomer, designed to provide an ideal combination of properties not available in Conventional rubber, metal or thermoplastics.



Polyurethane has cuts, tear, hydrocarbons, oils, solvents and excellent abrasion resistance properties. Due to these properties, PU Roller gives more mileage than any kind of rubber roll. IRI has switched over from Rubber to PU in various fields mainly for **STEEL INDUSTRIES**, with the combination of High Performance, Durability, Powerful Protectors & easy to use. As a result, the life of the roller is extended, saved breakdown time, better quality & higher production.

IRI is also producing Rough Surface Roller for different locations to avoid the slippage.

Exports

Our venture into exports for the last over a decade has prominently placed us amongst the foremost Polyurethane Coated, Rubber Coated and Hard chrome Plated Rollers exported from India.



Why Indian Roller

Due to all below facilities under one roof we have biggest list of valuable clients.

- An ISO 9001:2008 Certified Co.
- All the products like Rubber, Polyurethane and Hand-Chrome under one roof.
- Indian Roller products, service and support are renowned for top quality, technology & reliability.
- State of art manufacturing facilities and machinery.
- Maintain Dust Proof Chamber of PU Casting.
- R&D Lab equipped with latest instruments
- Supported by highly experienced, qualified Engineers & Technicians.
- Maintain Minimum inventory label.
- Technological Tie-up with Baule Machine (France).
- Efficient Technical Support for use of IRI products.
- Strict delivery as per the time lines of the client.



Production Process & Facilities

Mfrs. of heavy industrial rollers & undertakes job work for various esteemed organizations I.e. steel, textile, food, plywood, Rexene, mines, tanneries, biscuits, paper, printing etc...

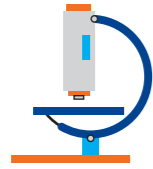
Indian Roller use prime quality of seamless pipe, EN series round for Fabricating Roll using latest technology of Rubber coating. After the compounding of Rubber & chemical under the control of highly skilled technicians, MS shell is covered with compounded rubber by fully automatic strip binding extruder along with pneumatic pressure. The new technology enables us to mount rubber compound on the roll without joint, uniform shore hardness, free from air bubbles & any kind of foreign particles. All the steel pipes & rounds are checked with ultrasonic, radiography process to find out minor invisible cracks. Hub / Plates are shrink fitted into pipe & after machining all the rollers are strictly balanced, dynamically or statically as desired, before rubber coating.

After Rubber Coating the rolls are shifted to fully automatic steam fired Oven for vulcanizing process. Both of our Steam & Electric Fired Ovens are equipped with Temperature Control Devices. They control the signals of light & alarm which enable us for proper uniform curing of rubber throughout the surface.

+ Workshop at IRI

IRI is producing super products with Zero defect concept.

Testing at IRI



Our R&D Testing Lab is equipped with latest analytical instruments i.e. Rheometer, Abrasion Tester, Tensile Testing, Chemical & Physical Balancer, Oven and other allied accessories are closely monitored by highly skilled chemist and Rubber technologist.

Total Quality Management

Indian Roller committed to maintain the highest standards of quality, our workshop is fully equipped with highly sophisticated latest state of the art machineries which enable us to make Rollers up to 4000 mm long & 2000 mm diameter.

IRIPL have the facility of both dynamic & static balancing to provide precision rolls for high RPM application. To avoid big problems at a later stage, many ultra-modern test like ultrasonic, radiography are conducted before fabrication of pipe & rounds. All the engineering device live Shrink/ Press fitting, drilling, MIG welding, automatic strip binding with pneumatic pressure (extruder) on the steel shell all under one roof.



+ Our Resources

Different types of ROLLERS such as:



- EPDM Rubber Roller
- Ebonite Rubber Roller
- Hypalon Rubber Roller
- Nitrile Rubber Roller
- Silicon Rubber Roller
- Neoprene Rubber Roller
- Synthetic Rubber Roller
- Polyurethane Rubber Roller
- Others (Type of Requirement)

+ Serving Industries



+ Hard chrome Plating Roller

In most of the Steel, Textile, Paper and Plywood Industries etc... owing to their corrosion and abrasion resistant nature.



Product Features:

- Resistant to high temperature.
- Customized diameter and face length.
- It provides superb abrasion resistance.



+ Roller for Steel Industries

Wide range of PU, Rubber & Hard Chrome Plated Rollers for use in Steel Industries. Our Rollers are having all kinds of Acid, Temperature and Abrasion Resistance. We undertake the following types of Rubber, PU and Hard Chrome Plated Rollers.

- Applicators Rollers
- Sealing Rollers
- Steering Rollers
- PU Cute Stacker
- Bridle Rollers
- Pinch Rollers
- Sink Rollers
- PU Sheets
- Cold Laminators Rollers
- Snubber Rollers
- Squeeze Rollers



Our Expertise: Indian Roller Industries manufactures excellent Applicator Rollers for the leading steel industries, which are as good as imported Roll.

Textile Industries

- + CP Rollers
- + Jigger Roller
- + Mangle Squeeze Rollers
- + Ebonite Roller
- + Padder Rollers
- + Stranter Rollers
- + Mercidiser Rollers

Paper Industries

- + Breast Roller
- + Couch Roller
- + Wire Roller
- + Felt Roller
- + Touch Roller

Biscuit Industries

- + Food grade Processors Rollers
- + Printing Rollers

Plywood Industries

- + Billey Roller
- + Grooved Roller
- + Doctor Roller
- + Contact Drum Roller
- + Glue Spreader Roller

Rexene Industries

- + Coating Rollers
- + Embossing Rollers
- + Contract Rollers

Smooth Rolling of the Universe

Advantage of Glue Spreader Roller

We have extensively researched the PU system and introduced glue spreader roll in polyurethane.

- to ease the operator.
- to reduce down time.
- to increase roller life by 3-4 times.



“Trust and respect are the two important accomplishments we have earned all through our journey”



+ Turnkey Projects

World class quality product under one roof | Prompt Service | Matchless Cost

