

***Solution* INC.**



**Rollers for
Steel Industry**



Our USPs :-

- Development of new compounds through our R&D center for demanding applications. (from high speed, tough medium to heavy loads)
- Complete workshop for all coatings and machining under one roof.
- Fast turn service from repairing, recoating your old rollers to new roll manufacturing
- Roller design assistance for your specific needs
- Courteous customer service representatives to serve you.
- We manufacture rollers exactly as per specifications/drawing/sample.

Contact Us



+91 - 98181 31665,
+91 - 8588074487



solutioninc2008@gmail.com,
www.solutioninc.co.in



Plot No. 1A, Sector-6, Industrial Estate,
Nr. Goodyear Chowk, Faridabad.

Rollers for Steel Industry

We offer you high performance products that improve manufacturing and result in a high quality finish product. Our coverings are tested tough, with superior load bearing capabilities, cut & abrasion resistance, and outstanding chemical resistance specifically for steel industry and hence increased service life, fewer roller changes and minimal maintenance when compared - to other alternatives.



We Do

We employ the latest machines and technology to engineer the most durable, longest-lasting rolls in the market today.

- New Roller Fabrication
- Recoating Rolls with new coats
- Repair of all Roller areas
- Two-Plane Dynamic Balancing
- Crowning & Roll Profiling
- Rough Ra, super finishing of rollers
- Grooving with different patterns

Roller coatings:

All types of Coatings like

- Rubber Coating (compound / elastomer as required)
- Poly Uthane coating
- Hard chrome coating
- Tungsten carbide coating
- Copper coating

Roller Manufacturing Capacity:

We can manufacture roller having dimensions

Coated Length : 10500 mm

Coated Diameter : 2000 mm

Dynamic Balancing : upto 50 MT job weight

With maintaining high standards of quality and accuracy.

Roller Coverings for Steel Processing

Applicator Roll	Special purpose Rubber/PU coated for sheet coating application
Accumulator Roll	Rubber/PU coated
Bridle Roll	For speed regulation-Rubber/PU Coated
Squeeze Roll	Rubber Coated for acid/water drainage
Sealing Roll	Rubber Coated for acid resistant
Immersion Roll	Rubber Coated roll immersed in acid.
Deflector Roll	PU Coated in cold rolling process
Steering roll	During grinding of steel sheet rubber Coated with grooves
Pinch Roll	Rubber /PU Coated for impact application
Skinpass Roll	Hard chrome mirror finished, induction hardened for dimension control
Leveller Roll	Hard chrome induction hardened ,scratch free for final application
Tension stand Roll	Rubber /PU Coated for tension relieving/maintaining
Printing Roll	Rubber Coated for computer controlled inkjet printer for steel printing
Feeder Roll	Hard chrome induction hardened used at entry of steel sheets
Shot Blasting Roll	Rubber coated for removal of oxide layer on steel sheet/slabs
P.P Rolls	For steel plate in HR rolling process



Strengths of Poly-urethane

- More life as compared to rubber and other elastomer coatings
- It has Better abrasion resistance, cut and tear resistance
- Low Hysteresis, Less Heat Generation
- More load bearing capacity
- No variation in hardness over time
- High resistance to various chemicals and solvents
- High range of hardness: from 30 shore A to 80 shore D



Strengths of our PU Plant

- One of the biggest setup in the country with latest technology
- Fully automated three component French make machine
- Capacity to cast upto 500 kg on a single roller in one go
- Best quality raw material in collaboration with international suppliers
- Facility to cast PU upto 2000 mm dia and 8000mm length



New Rolls| Rubberising | PU Coating | Chrome Plating Repairing

the Rolls Expert, is the on time delivery and quality leader in the industrial rolls in India. Our sophisticated manufacturing facilities with state-of-the-art equipment and high tech R&D and testing lab uses latest technology to provide high quality precision new custom rolls and variety of repair and maintenance services for any roll of any size and for any industry.



Engineering Services	PU Coating	Rolls for Steel and Allied Industries	Hard Chrome Plated rolls and Plating Services
<ul style="list-style-type: none"> • Fabrication of new Rolls • Recoating • Regrinding • Cambering • Grooving & Drilling • Chrome Plating • Repair/mordenization of wom journals • Replacement of broken journals • Dynamic Balancing of rotating bodies • Blind drilling 	<ul style="list-style-type: none"> • PolyUtherene coating • Well finished with micron accuracy • Applicator Rolls • Bridle and Deflector Rolls 	<ul style="list-style-type: none"> • Fabrication of new Rolls • Recoating • Regrinding • Replacement of wom journals • Dynamic Balancing of rolls 	<ul style="list-style-type: none"> • Induction Hard Rolls • Crodon (RA) Finish Rolls • Mirror finished Rolls • Grinding to highest accuracy level • Build up of journals by Plating