



AN ISO 9001 : 2008 CERTIFIED COMPANY



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STEEL MILL ROLLS





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COMPANY PROFILE

- | | |
|------|---|
| 1992 | Commencement of business for surface coatings & wear component manufacturing |
| 1996 | Initiated Manufacturing of Paper Mill Rolls |
| 2004 | Started manufacturing screw feeder shafts with carbide coatings for steel plants |
| 2005 | Developed Bridle Roll & Deflector roll with carbide coatings for long service life |
| 2006 | Installed state of art accoustic spray booth with robotic coating facility |
| 2008 | Obtained ISO certification |
| 2009 | Static Annealing furnace installed |
| 2011 | Installed Annealing furnace with Roll rotating facility |
| 2012 | Started facility for Flame hardening |
| 2012 | Plant II admeasuring 22000 sq.ft. went into operation. |
| 2013 | Company Name Changed to ATS TECHNO Pvt. Ltd.
Manufactured ROT & FM Looper Rolls for HSM |
| 2014 | Manufactured Water Cooled Deflector Roll for CAL |
| 2015 | Commenced In-situ Skirt & Hood coating for Steel Industry |
| 2016 | Establishment of Advance Test Lab with facility for testing Micro Hardness,
Micro Structure, Porosity & Bond strength. |

PLANT FACILITY & CAPACITY



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- Plate Bending
- Auto Welding
- Annealing
- Surface Hardening
- Machining
- Grinding
- Blasting
- Thermal Spray Coating
- Chrome Plating
- Super Finishing

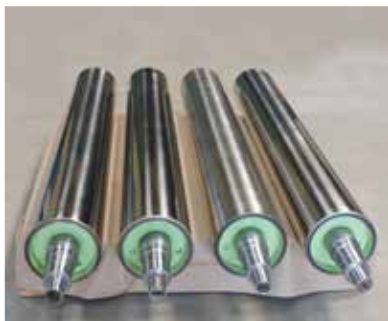
Max. 2.75" Thickness
Max. Ø59" X 90" (BL)
Max. Ø47.2" X 126" (L)
Max. Ø43" X 157" (L)
Max. Ø59" X 236" (L)
Max. Ø78.74" X 393.7" (L)
Max. Ø79" X 197" (L)
Max. Ø78.74" X 393.7" (L)
Max. Ø47.2" X 126" (L)
Max. Ø59" X 236" (L)



WEARGRIP™ - ROT Roll & Looper Roll



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Advantages of **WEARGRIP™ ROT & LOOPER ROLL**

- Low wear rate.
- Better strip quality.
- Very stable roll geometry during entire service life.
- Enables rolling of thinner sheets.
- Quantum of cobbles reduced substantially.
- Increase in production speed raises final output.
- Better guidance & strip control upto the coiler.
- Special Alloy coating for high Corrosion resistance.

ROLL PRODUCTION PROCESS



Roll Fabrication



Thermal Spray Coating



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Machining



Induction Hardening



Hard Chrome Plating



Grinding



Super Polishing

We manufacture rolls for below lines in Cold Rolling Mill (CRM) and Hot Strip Mill (HSM).

- Rolling Mill (4Hi, 6Hi)
- Pickling Line & Tandem Cold Mill
- Electrolytic Cleaning Line (ECL)
- Skin Pass Mill (SPM)
- Continuous Galvanizing Line (CGL)
- Continuous Annealing (CAL/CAPL)
- Re Coiling Line (RCL)
- Cut to Length Line (CTL)
- Colour Coating Line (CCL)
- Thin Slab Caster Roll (TSCR)

Hollow Rolls :

- Bridle Roll
- Deflector Roll
- Steering Roll
- Pass Line Roll
- ROT Roll
- Looper Roll
- Quenching Roll
- ACBR Roll
- Deburring Roll
- Pickling Roll
- Brush Backup Roll
- Burr Musher Roll

Solid Rolls :

- Pinch Roll
- Flattener Roll
- Hold Down Roll
- Back Up Roll
- Tensiometer Roll
- Pick Up Roll
- Guide Roll
- Leveller Roll

IN SITU COATING

(Skirt & Hood in LD Converter)



QA & QC



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- Plant : Basic Oxygen LD Converter
- Part : Skirt & Hood
- Coating Material : Cobalt based Alloy
- Coating Process : TWAS
- Thickness : 400 to 500 micron



- Chemical & Mechanical Properties Test
- Ultrasonic Test
- Radiography Test
- Hardness Test
- Profile Check
- Chalk Test
- Coating Thickness
- Surface Roughness
- Dimension Check



ATS TECHNO PVT. LTD.

Plot No. : 419 - 420, Road No. : 10, Phase - II, G.I.D.C., Kathwada, Ahmedabad-382 430. Gujarat, INDIA.

E-mail : b.oza@atstechno.in | mkt@atstechno.in | Website : www.atstechno.in

Contact : +91 99250 08650 , 99784 45593