



**VNS**  
Industries Pvt. Ltd.

Steel for the New Generation



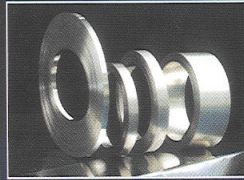
Export House



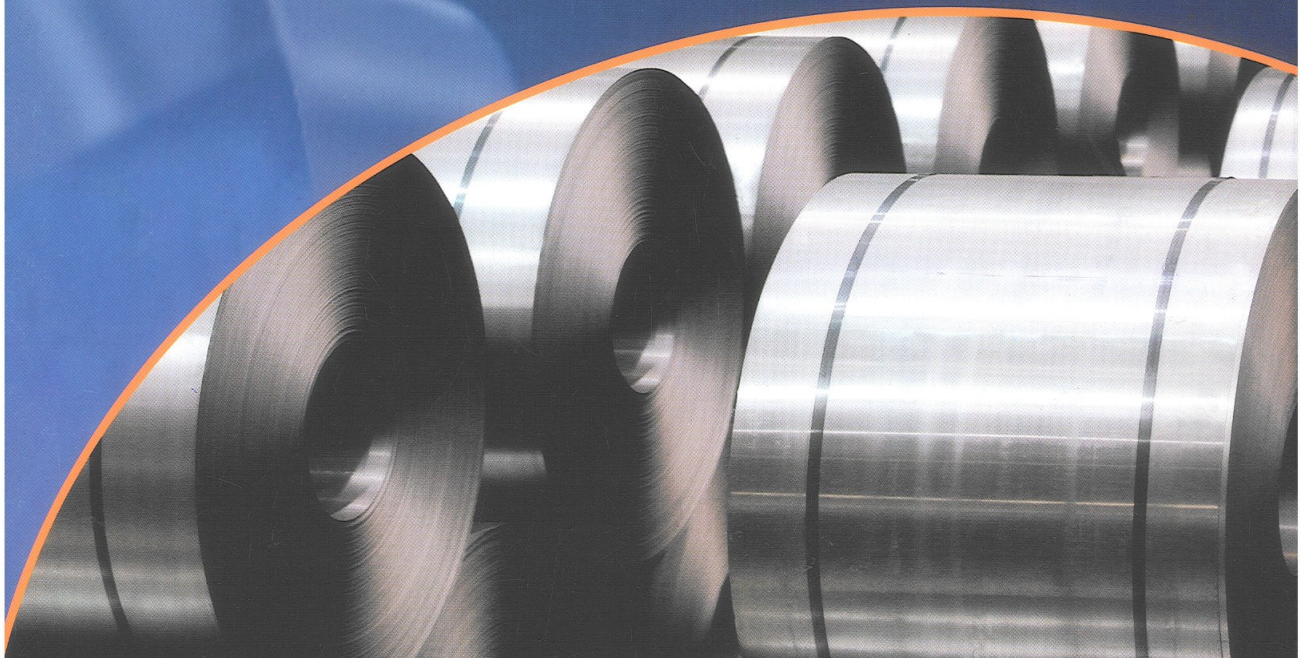
## *S*teel - Industry of the Future



"To undergo enhancement in capacity and provide total solution for Cold Rolled and Hot Rolled Steel Strips/Coils/HRPO/ Sheets/Plates under one roof with Superior Quality...."



**C**lose Thickness..., **F**ine Surface Finish., **E**xcellent Formability., **E**ngineered to Perfection





**VNS Industries Pvt. Ltd.** Mumbai (India) is engaged in the production of Narrow Cold Rolled Mild Steel and Medium Carbon Steel Strips in both coil form and in cut to length sizes as required by various down-stream engineering industries for their sophisticated industrial applications where dimensional accuracy, surface finish, drawability, tempers etc are of paramount importance.

Cold Rolled Steel Strips are produced in Bright/Matt finish from hot rolled coils according to the exacting needs of individual customers. These are manufactured in different grades viz., Drawing, Deep Drawing, Extra Deep Drawing in Mild Steel and in various tempers in Medium, High Carbon and Low Alloy Steels. We can also develop other special grades as per customer requirement. We cater to various sections of Industries such as Automobile, Bicycles, Bearings, Barrels, Castors, Gaskets, Electronic and Electrical Industries, Luggage Industry, Locks, Office Equipments, Oil Drum Closures, Precision Tubes, Roller Shutters, Stampings, Typewriter, White Goods etc. Our products are experienced and dedicated work force.

The plant is equipped with State-of-the-art equipments comprising Spiral Pickling Line, 4 Hi Reversing Mill, 20 Hi Sendzimir Mill, Bell Type Annealing Furnaces, 2 Hi Skin Pass Mill, Rotary Slitting, Cut-to-Length Line etc, manned and managed by well-qualified, widely accepted in the international market too.

We are Directly and Regularly exporting to countries in South East Asia, Middle East and Israel etc.

**IN HOUSE MANUFACTURING PRODUCT RANGE**

**Cold strip in Mild Steel, Medium/High Carbon Steel & Hot Rolled Gauge Corrected Steel Both in Coils & Lengths having following Ranges**

Description	Thickness (mm)	Width (mm)
Mild Steel	0.15-5.00	8.00-450
Medium Carbon C.40-C60	0.40-5.00	50.00-300
High Carbon C.80	0.40-2.50	30.00-350
HRGC Pickled & Oiled	1.60-8.00	70.00-450

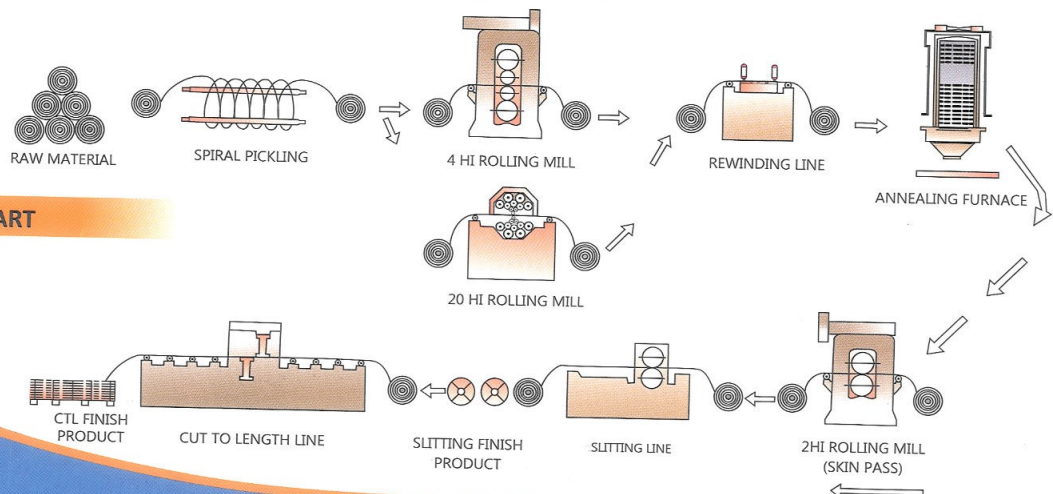
**SUPPLY RANGE OF OTHER PRODUCT**

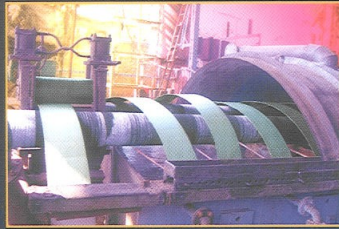
We also supply in Wider Width Cold Rolled Coils / Strips, Hot Rolled Coils / Strips, Plates along with other items viz. Structural Steels, Galvanised Coils / Sheet (Up to 3.00 mm Thickness), Colour Coated Coils / Sheets, Round Steel, Chequered Plates and Tor Steel etc. as per customer requirement.

Our supply range of Hot Rolled Coils/Sheet in thickness above 1.20 mm, width between 1000 to 2000 mm and length as required by customer. We also have facility to supply pickled material in above range.

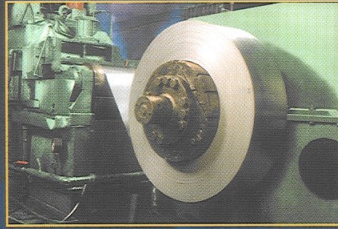
Our supply range of Cold Rolled Coils /Sheets is thickness between 0.30 - 3.00mm Width between 1000-1500 mm and Length maximum up to 3500 mm.

**PROCESS FLOW CHART**

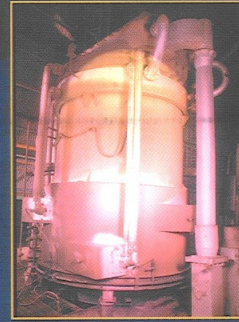




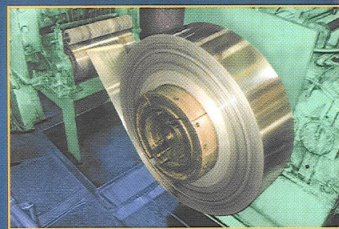
**Spiral Pickling :**  
Hot Rolled coils are pickled in Acid medium to remove scales and rust.



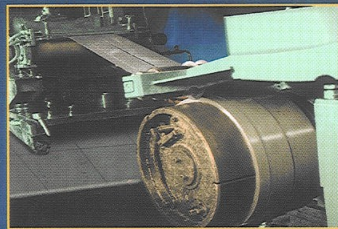
**Rolling Mills :**  
Pickled coils are taken up in rolling Mill for cold Reduction to achieve the desired thickness.



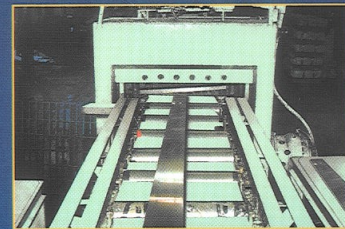
**Annealing :**  
As most of the applications demand Soft material the rolled coils are annealed in Bell type furnace equipped with inert atmosphere of N<sub>2</sub> and Hydrogen.



**Skin Passing :**  
Annealed coils are given skinpass-reduction of 0.50-2% to achieve desired surface finish-Dull/ Matt or Bright. Other metallurgical properties are achieved & Flatness of the strip is also improved.



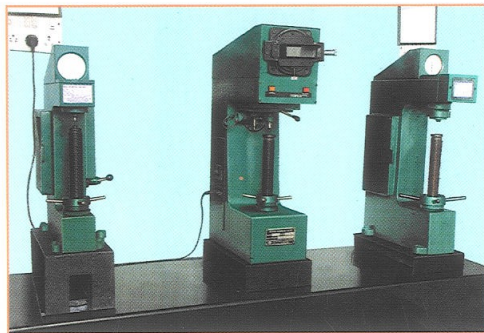
**Slitting :**  
To achieve the final finish size in width the coils are slitted in a rotary shear



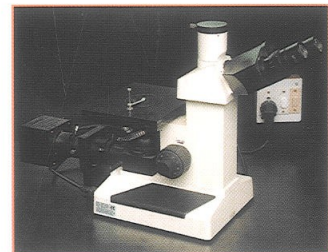
**Cut to Length :**  
The Coils are flattened and cut to specified length.

## Quality Assurance :

In addition to inspection and Testing at various stages of manufacturing the Finished product undergoes thorough testing in our Metallurgical Lab to ensure that the same conforms to customer Specification.



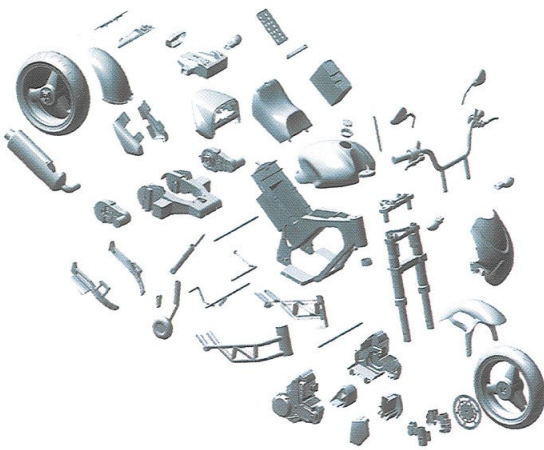
**PACKING :** The finished material is oiled with rust preventives and packed in Hessian Polyhessian, VCI papers and palletized as per the customer's requirements.



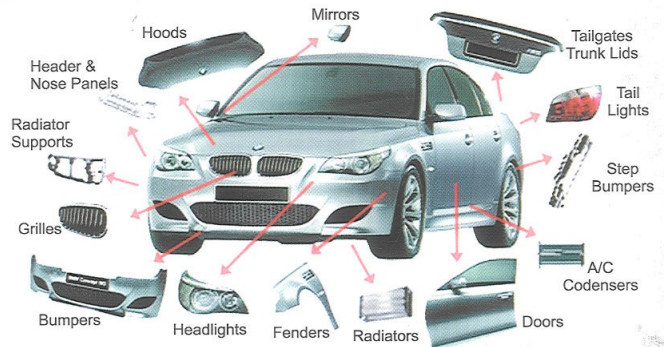
## APPLICATION

- Radiators
- Electric & Electronic Goods
- Chain and Sprocket
- Umbrellas, Tubes
- Gaskets
- Luggage Industry
- Locks & Office Equipments
- Stampings & many more...
- Automobiles & Automobile Components
- Refrigerators, Washing Machines, Coolers
- Bicycles
- Oil Barrels
- Containers
- Furniture
- Precision Tubes
- Bearings

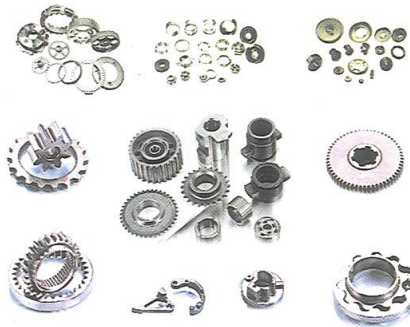
### Automobile components



### Automobile



### White Goods



For all Your Requirements, We are There to Serve You at :



Factory : Plot No., A-9 & 10, Phase II, M.I.D.C.,

Dombivali (E) - 421 201. Dist. Thane. INDIA

Tel. : (+91)-(251) - 2870911 (5 Lines) Fax : (+91)-(251) - 2871510

E-mail : mktg@vnssteel.com / info@vnssteel.com Skype id : sanjay.parmar70

