



# Vardhman

Delivering Excellence. Since 1965.

## VARDHMAN SPECIAL STEELS LIMITED

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Ref. VSSL:SCY:APRIL:2025-26

Dated: 22.04.2025

BSE Limited, New Trading Ring, Rotunda Building, P.J. Towers, Dalal Street, MUMBAI-400001. Scrip Code: 534392	The National Stock Exchange of India Ltd, Exchange Plaza, Bandra-Kurla Complex, Bandra (East), MUMBAI-400 051 Scrip Code: VSSL
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**SUB: COMPLIANCE OF REGULATION 30 OF THE SEBI (LISTING OBLIGATIONS AND DISCLOSURE REQUIREMENTS) REGULATIONS, 2015.**

Dear Sir,

Pursuant to the provisions of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith Investor Presentation on financial results of the Company for the quarter and financial year ended 31<sup>st</sup> March, 2025.

Kindly take the same on record.

Thanking you,

Yours faithfully,

**For VARDHMAN SPECIAL STEELS LIMITED**

**(SONAM DHINGRA)**  
**COMPANY SECRETARY**



Vardhman

**Vardhman**

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# VARDHMAN

**SPECIAL STEELS LIMITED**

Result Update Presentation Q4 & FY25



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# **FINANCIAL HIGHLIGHTS**



# GREENFIELD STEEL PLANT – CAPEX ANNOUNCEMENT

The company is setting up a new Greenfield steel plant in the state of Punjab for the manufacturing of special and alloy steel.

- Planned **capacity is 5,00,000 MT** per annum of billet production with commensurate Rolling Mill and testing facilities
- The total capital expenditure for the project is estimated at **approximately Rs. 2,000 crore**.
- The project will be funded through a mix of internal accruals, equity, and debt.
- The new capacity is expected to be **commissioned by FY 2029–30**.
- The plant will address the capacity shortage after 2028 primarily for existing product lines.
- The project aligns with trends such as **Green Steel and the Circular Economy**, which are expected to boost demand through the Electric Arc Furnace (EAF) route.
- The plant will enable the company to meet higher quality standards required by OEMs.
- It is expected to **reduce the overall cost of steel manufacturing**.
- The company also **aims to diversify into new product** segments such as wire rods, forging, and the non-automotive sector.



# MANAGEMENT'S MESSAGE



*In Q4 FY25, our revenue remained flat on a year-on-year basis, on account of higher than expected price reduction. Total revenue stood at Rs. 428.04 crore, with EBITDA at Rs. 38.62 crore and PAT at Rs. 19.73 crore. EBITDA per ton was Rs. 7,174 – mainly impacted by reduced realizations while raw material prices remained relatively stable. Despite a 14-day plant shutdown, volumes increased by 3.29% year-on-year.*

*Looking ahead, Market demand remains muted, As a result, opportunities for price increases are limited. Raw material prices are relatively stable. Working capital borrowings increased due to inventory build-up in preparation for the planned shutdown. However, the process of the inventory going back to normal level has already started. During the year we have reduced our long term borrowings to Rs. 3.29 Cr and will continue to bring it down further going forward.*

*As planned, the Kocks Block has been successfully commissioned and is currently in the stabilization phase. Once fully operational, it is expected to enhance productivity and reduce inventory requirements. We remain focused on improving operational efficiency and positioning the company for sustainable long term growth. The company has announced a dividend of Rs. 3 per share for FY25 as against Rs. 2 in FY24.*

*I am happy to announce our long awaited capex plan of setting up a new green field steel plant in the State of Punjab for manufacturing of special and alloy steel. The proposed capacity addition is 5,00,000 MT of billet production with commensurate Rolling Mill & testing facilities. The total Capex required for this would be around Rs. 2000 Crores, which will be funded through a mix of internal accruals, equity and debt. With this green field plant we will be able to address the expected capacity shortage post-2028. This will support future demand, meet evolving quality standards, align with trends like Green Steel, and help reduce manufacturing costs.*



**Mr. Sachit Jain,**

Vice Chairman and Managing Director





# FINANCIAL HIGHLIGHTS Q4 FY25

INR Crore	Q4 FY25	Q4 FY24	Y-o-Y %	Q3 FY25
Revenue From Operations	428.04	439.41	(2.59)%	426.77
Other Income	7.18	8.71		6.97
<b>Total Income</b>	<b>435.22</b>	<b>448.13</b>		<b>433.74</b>
Cost of Materials Consumed	220.40	277.29		305.26
Purchases of Stocks	0.00	0.00		0.00
Changes In Inventory	49.43	(22.59)		(53.87)
<b>Raw Material Expenses</b>	<b>269.83</b>	<b>254.70</b>		<b>251.40</b>
Employee Expenses	26.47	27.72		25.21
Power & Fuel	39.06	43.65		47.56
Other Expenses	61.24	64.51		67.52
<b>Total Expenditure</b>	<b>369.60</b>	<b>390.59</b>		<b>391.69</b>
<b>EBITDA</b>	<b>38.62</b>	<b>57.54</b>	<b>(32.89)%</b>	<b>42.05</b>
Depreciation	8.29	8.99		8.49
Interest / Finance Cost	3.47	4.66		5.09
<b>PBT</b>	<b>26.85</b>	<b>43.89</b>	<b>(38.82)%</b>	<b>28.47</b>
Tax	7.12	11.10		7.01
<b>PAT</b>	<b>19.73</b>	<b>32.79</b>	<b>(39.83)%</b>	<b>21.46</b>
<b>Basic EPS in Rs.*</b>	<b>2.42</b>	<b>4.02</b>	<b>(39.80)%</b>	<b>2.63</b>

- Volumes for Q4 FY25 stood at **53,834 tonnes** – YoY increase of **3.29%**.
- **Decrease in Revenue by 2.59% Y-o-Y** mainly due to decline in realisations in spite of increased volumes.
- **EBITDA (including other income) per ton for rolled products in Q4 FY25 – Rs. 7,174.** mainly impacted by reduced realizations while raw material prices remained relatively stable.

\*Issued Bonus shares in the ratio 1:1, EPS has been adjusted for previous periods accordingly in accordance with Ind AS 33

#EBITDA is including Other Income, \*Includes sale of billets



# FINANCIAL HIGHLIGHTS FY25

INR Crore	FY25	FY24	Y-o-Y %
<b>Revenue From Operations</b>	<b>1,764.41</b>	<b>1,661.36</b>	<b>6.20%</b>
Other Income	29.11	29.82	
<b>Total Income</b>	<b>1,793.52</b>	<b>1,691.18</b>	
Cost of Materials Consumed	1,093.68	1,030.62	
Purchases of Stocks	0.00	1.41	
Changes In Inventory	(10.75)	(20.41)	
<b>Raw Material Expenses</b>	<b>1,082.93</b>	<b>1,011.63</b>	
Employee Expenses	103.39	96.21	
Power & Fuel	177.37	172.58	
Other Expenses	252.67	238.51	
<b>Total Expenditure</b>	<b>1,616.37</b>	<b>1,518.92</b>	
<b>EBITDA</b>	<b>177.16</b>	<b>172.26</b>	<b>2.84%</b>
Depreciation	33.47	30.98	
Interest / Finance Cost	18.63	18.42	
<b>PBT</b>	<b>125.06</b>	<b>122.86</b>	<b>1.79%%</b>
Tax	31.97	31.23	
<b>PAT</b>	<b>93.09</b>	<b>91.63</b>	<b>1.59%</b>
<b>Basic EPS in Rs.*</b>	<b>11.40</b>	<b>11.26</b>	<b>1.24%</b>

- Volumes for FY25 stood at **2,19,996 tonnes** – YoY increase of **12.80%**. This also includes 4,153 MT sales of Billets
- EBITDA (including other income) per ton for rolled products in FY25 – **Rs. 8,208**.
- The increase in EBITDA was **primarily driven by volume growth, partially offset by reduction in prices**.

\*Issued Bonus Shares in the ratio of 1:1 in the month of May 2023

Increase in the Authorized Share Capital of Company from Rs. 60 crore to Rs. 100 crore, post issue of Bonus Shares



# BALANCE SHEET HIGHLIGHTS

INR Crore	As on 31 <sup>st</sup> Mar'25	As on 31 <sup>st</sup> Mar'24
<b>Equity</b>	<b>797.92</b>	<b>719.35</b>
Equity Share Capital	81.73	81.46*
Other Equity	716.19	637.89
<b>Non-current Liabilities</b>	<b>24.89</b>	<b>37.09</b>
<b>Financial Liabilities</b>		
Borrowing	3.29	14.10
Lease Liability	0.35	0.58
Other Financial Liabilities	0.15	0.25
Provisions	2.16	1.95
Deferred Tax Liabilities (net)	18.55	19.78
Other Non-Current Liabilities	0.39	0.43
<b>Current Liabilities</b>	<b>313.11</b>	<b>283.22</b>
<b>Financial Liabilities</b>		
Borrowings	116.43	68.84
Lease Liabilities	0.22	0.19
Trade Payables		
Total O/s dues of Micro, Small Ent	5.82	9.28
Total O/s other Than Above	133.49	165.21
Other Financial Liabilities	38.54	24.57
Provisions	1.95	1.43
Other Current Liabilities	16.39	13.49
Current Tax Liability (Net)	0.27	0.21
<b>Total Equity &amp; Liabilities</b>	<b>1135.91</b>	<b>1039.67</b>

INR Crore	As on 31 <sup>st</sup> Mar'25	As on 31 <sup>st</sup> Mar'24
<b>Non-Current Assets</b>	<b>474.76</b>	<b>365.39</b>
Property Plant & Equipment	308.29	324.10
Capital work in progress	117.03	0.99
Other Intangible Assets	0.02	0.04
Right of Use Asset	0.39	0.56
<b>Financial Assets</b>		
Long Term Investments	7.66	0.00
Long Term Loans	2.92	2.66
Other Financial Assets	2.94	2.82
Deferred Tax Assets (Net)	0.00	0.00
Income Tax Assets (Net)	0.01	0.23
Other Non-Current Assets	35.50	33.99
<b>Current Assets</b>	<b>661.15</b>	<b>674.28</b>
Inventories	334.97	356.17
<b>Financial Assets</b>		
Investments	10.00	0.00
Trade Receivables	261.30	262.17
Cash & Cash Equivalents	10.76	7.64
Other Bank Balance	0.56	0.12
Loans	2.13	1.72
Other Financial Assets	34.10	22.37
Assets Held for Sale	0.00	6.93
Other Current Assets	7.33	17.15
<b>Total Assets</b>	<b>1135.91</b>	<b>1039.67</b>

\*Issued Bonus Shares in the ratio of 1:1 in the month of May 2023

Increase in the Authorized Share Capital of Company from Rs. 60 crore to Rs. 100 crore, post issue of Bonus Shares





# COMPANY OVERVIEW



# ABOUT US



## Amongst India's Leading Steel Bar Producers for Automotive Applications

- Incorporated in May 2010
- Headquartered in Ludhiana, Punjab
- Caters to sectors such as Engineering, Automotive, Tractor, Bearing and Allied Industries



## Specialized Product offerings –

- Steel Bars and Rods and Bright Bars of various categories of Special & Alloy Steels



## Experienced Management Team

- Significant experience in Steel Industry
- Long term vision and proven ability to achieve long term goals for Company
- Strategic alliance with Aichi Steel Corporation



## 200+ Reputed and long-term customers

- Toyota, Hero Moto Corp, Caterpillar, Hino Motors, Maruti, Bajaj and Hyundai, among others



## State-of- art manufacturing facilities

- Cutting-edge manufacturing technology
- Manufacturing Capacity
  - Billets - 3,00,000 MTPA
  - Rolled Bars – 2,00,000 MTPA



## Strong Domestic & International Customer Base for forging applications

- Thailand, Taiwan, Turkey, Russia, Germany and Spain



## Quality Standards, Assurance & Certifications

- ISO 14001 (2015); ISO 45001 (2018); ISO 9001 (2015); IATF 16949 (2016) & ISO 17025 (2017)



# JOURNEY SO FAR

## What We were...

### 1973- 2011

- **1973** – Started as Oswal Steels - 50,000 TPA capacity of special & alloy steels
- **1986** - Acquired Mohta Alloys with capacity of 1,00,000 TPA
- **1995** – Installed modern Steel Melting Shop with Electromagnetic Stirrer
- **2000** – Commissioned Vacuum Degassing System
- **2001** - Strengthened product portfolio – added Bright Bar Facility
- **2010** - Independent identity under Vardhman Group

### 2012 - 2015

- **2012** - Listed on BSE & NSE
- **2013** – Installed fully automatic rolling mill with capacity of 1,50,000 TPA & Magnaflux leakage testing system (Dr. Foerster Germany), and Ultrasonic Testing from (Olympus, Canada)
- **July 2015** – Installed Fume Extraction system
- **Aug 2015** – Increased Bright bars capacity to 36,000 TPA & 1,80,000 TPA for Hot Rolled

### 2016 - 2017

- **Dec 2016** – Upgraded transformer & allied equipment to reduce melting time & resulting in SMS capacity to 1,65,000 TPA
- **April 2017** – Rights Issue of Rs 67.85 Cr.
- **Oct 2017** – Purchased ~8 acres of adjoining land for Rs. 36 Cr.

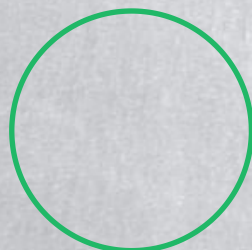
### 2018 – Till

- **Feb. 2018** – QIP of Rs 50 Cr.
- **June 2018** – CRISIL upgraded credit rating
- **Aug 2018** – Change in Statutory Auditors to M/s B. S. R. & Co. LLP
- **Feb 2019** – Fortified Board of Directors -one Independent Woman Director and one Additional Director appointed
- **Sept 2019** – Replacement of electric arc furnace and other related activities
- **Nov 2019** – Signs Technical Assistance Agreement with Aichi Steel Corporation (ASC) - Issuance of equity shares on preferential basis worth Rs. 50 Cr.
- Appointed Additional Director as representative of Aichi Steel Corporation
- **July 2021** – Received environmental clearance for capacity expansion
- **Mar 2023** – Joins hands with ASC to start mass production
- **May 2023** – Issued Bonus Share in ratio 1:1

.... Transforming into one of India's leading steel bar producers



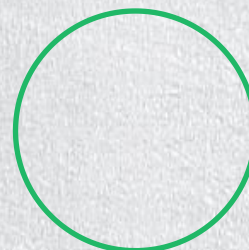
# STRONG EXPERIENCED BOARD OF DIRECTORS CONTD...



## Mr. Rajeev Gupta

Chairman & Non-Independent Director

- B. Tech from BHU/IIT, Varanasi and MBA (IIM, Ahmedabad)
- Rich experience of more than 41 years - One of Country's topmost Investment Bankers



## Mr. Sachit Jain

Vice Chairman & MD

- B. Tech (Electrical) - IIT, New Delhi, MBA (Gold medallist) - IIM, Ahmedabad and Owner/President Management Program – Harvard - Experience of over 34 years in Textile & Steel
- Chairman of CII, Northern Region



## Ms. Suchita Jain

Non-Executive Director

- Master's degree in Commerce from Punjab University, Chandigarh
- Over 31 years of rich experience in textile industry
- Representative of Vardhman Group



## Mr. Rajinder Kumar Jain

Non-Executive Director

- Chartered Mechanical Engineer from Institute of Mechanical Engineers London
- Retired as General Manager from Indian Railways after 35 years of service



## Mr. Sanjoy Bhattacharyya

Independent Director

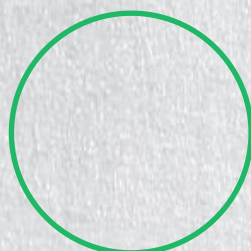
- B.Sc (Statistics Honours) and MBA. from IIM, Ahmedabad
- Rich experience in equities & investment management - Among leading stock market Gurus



## Mr. Toshio Ito

Non-Executive Non-Independent Director

- Mechanical Engineer, graduated from Nagoya University, Japan
- Managing Executive Officer at Aichi Steel Corporation since 2020
- Experience as Plant Manager at steelmaking, rolling mill and forging plants of Aichi Steel



## Mr. Randhir Singh Kalsi

Independent Director

- Mechanical Engineer, from Delhi College of Engineering
  - Worked for 40+ years with Maruti Suzuki India Ltd. across different functions
- Area of expertise includes – Leadership & Change Management, Business Strategy & Innovation, Startup & New Business Ventures, Aftermarket Parts & Logistics, Operations Management and Digital Transformation



# STRONG EXPERIENCED BOARD OF DIRECTORS CONTD...

## Mrs. Vidya Shah

Independent Director

- MBA from Indian Institute of Management, Ahmedabad
- 11 years of career in investment banking - ICICI, Peregrine and NM Rothschild
- Non-Executive Director of Edelweiss Financial Services Ltd. and Executive Chairperson of EdelGive Foundation
- Recognised as India's Top 100 Women in Finance by Association of International Wealth Management of India (AIWMI) 2019

## Mr. Suman Chatterjee

Independent Director

- Graduation in B.Sc. Economics from Presidency College, Kolkata
- Holds post graduate diploma in Business Management from Indian Institute of Management, Ahmedabad
- Over 30 years of experience in Multiple Leadership roles - worked in sales & marketing and has led businesses for Levi Strauss and SC Johnson in India

## Mr. Rajendar Kumar Rewari

Executive Director

- B. Sc. from Punjabi University, Patiala and LLB & Post Graduation diploma from Kurukshetra University
- More than 41 years of experience in manufacturing sector
- More than 10 years of experience as Managing Director of Morarjee Textiles Limited
- He has long track record at Vardhman Group in various key positions

## Mr. Rakesh Jain

Independent Director

- Ph.D. in Polymers from University of Akron
- Worked in Advanced Technology Group at GE Electro-materials Division (EMD) in Coshocton, OH, USA & Aditya Birla Group (ABG) as MD of Indo Gulf Fertilizers Ltd

## Mr. Hemant Bharat Ram

Independent Director

- Master's degree in Industrial Administration (MBA) & Bachelor's degree in Mathematics and Computer Science, both from Carnegie Mellon University, Pittsburgh, PA, USA
- Started his career in 1991 with DCM Data Systems & thereafter he looked after various businesses of DCM Group
- Managing Director of DCM Nouvelle Limited since 2019 & prior to that led the Textile Business of DCM Limited for over 9 years

## Ms. Soumya Jain

Executive Director

- Graduation in B.Sc. Economics from University of Bristol, UK
- MBA in family business from Indian School of Business
- 5 years of exp. in Vardhman Textiles in various fields like production, marketing, exports, HR, R&D, Capital investments, etc.
- Joined Vardhman Steel in 2021 with involvement in various departments





# BUSINESS OVERVIEW



# WIDE RANGE OF ROLLED & BRIGHT BARS PRODUCTS

Hot Rolled Bars



- Diameter Size : Increased from 25-70 MM in 2012 to 16-120 MM

Bright Bars



- Size : 14.66 to 78 mm (Peeled), 18 to 55.25 mm (Drawn)



# DIVERSE APPLICATIONS OF OUR PRODUCTS

- Axle Gears
- Stabilizer Bar
- Knuckle Spindle
- Piston
- Connecting Rod
- Camshaft
- Center Velocity Joint
- Crankshaft
- Differential Gears



- Transmission Gear
- Drive-Shaft
- Tie-Rod
- Bearings
- Companion-flange
- Axle Shaft
- Piston-Pin
- Steering-Yoke
- Steering Shaft



# STATE OF ART MANUFACTURING FACILITIES



## Annual Capacity : 3,00,000 TPA

- 35 MT Ultra High Power (UHP) Eccentric Bottom Tapping (EBT Type)
- Fully automated continuous feeding system for DRI & other raw materials
- Automatic lance manipulator for oxygen and coke injection
- Electrode regulation system - Melt Controller
- CELOX for active oxygen measurement (Electronite)



## Annual Capacity : 2,00,000 TPA

- Rolling Mill installed in 2013-14
- Mill with complete automation
- 33 TPH "Walking" Hearth Type Reheating Furnace
- Reversible 2 high shift able stand with Bar Manipulator
- 10 Continuous Stands in Horizontal & Vertical configuration
- Online Dimensional Measurements
- Rack Type Cooling bed designed for better straightness & Hardness levels
- Abrasive Cutter



## Annual Capacity : 48,000 TPA

- Bar Peeling & Centreless Grinding
  - Straightening
  - Peeling
  - Cold drawing
  - Polishing
  - Centreless grinding
  - Full length bar Magnetic Particle Inspection
  - High Speed Band Saws
  - Circular Saw - Cut to Length Steel

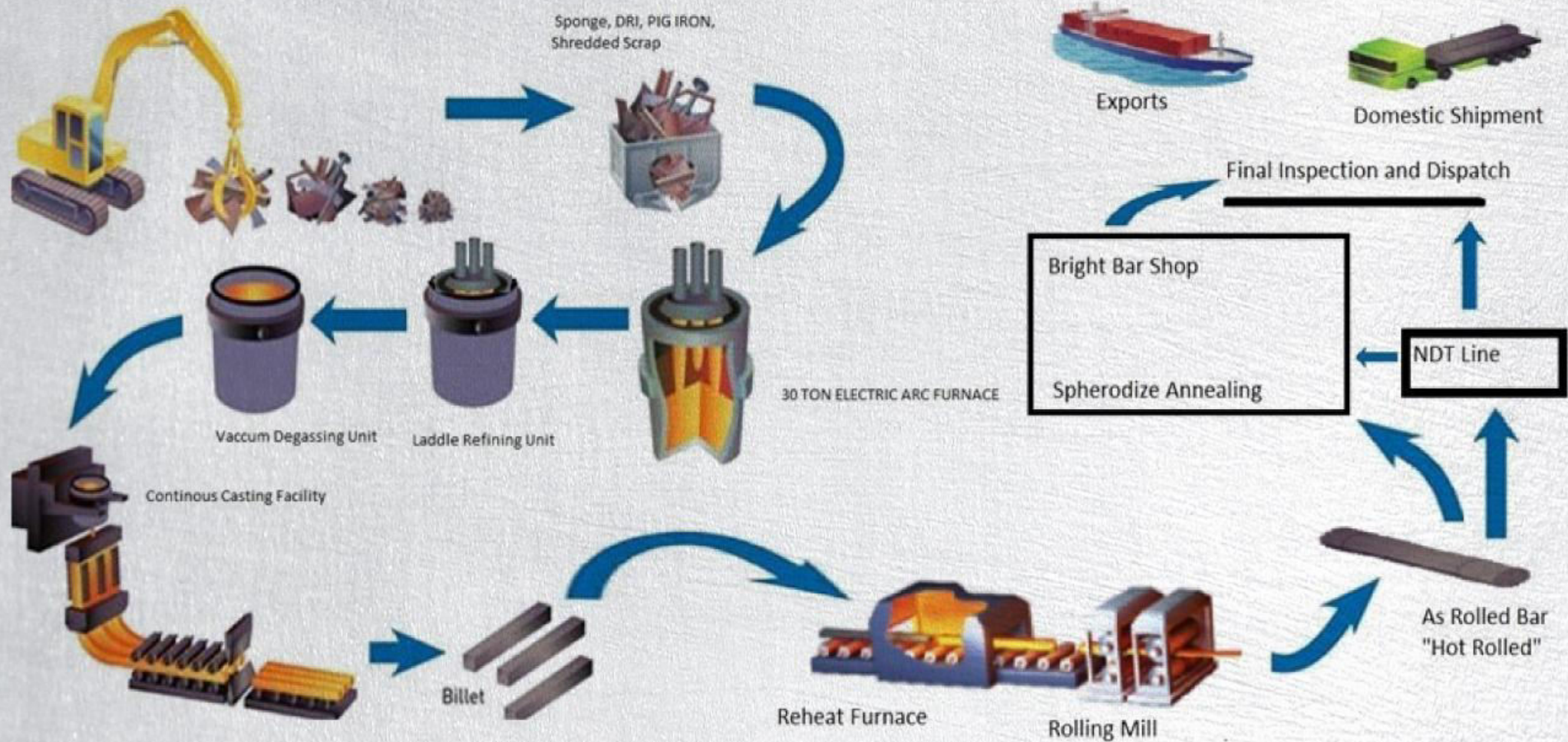


# PROCESS FLOW



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# IN HOUSE STEEL MELTING SHOP

Electric Arc Furnace



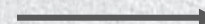
Two Ladle Refining Furnace



Continuous Casting Machine



Vacuum Degassing





# ROLLING MILL & BRIGHT BARS

Rolling Mill



Reheating Furnace

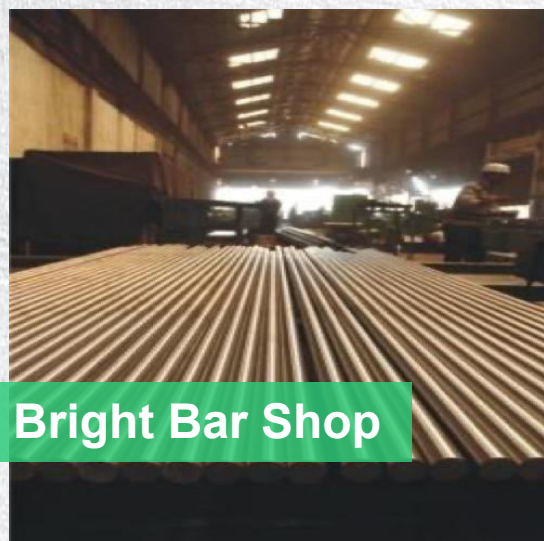


Rolling Mill

Bright Bar Shop



Spherodizing & Annealing Machines



Bright Bar Shop



# AUTOMATIC LINE OF BAR INSPECTION NDT LINE

## Straightening

Straightness :  
2mm / meter



## Chamfering

Bar ends free from  
Burr



## MFLT

Acceptance Criteria:  
0.2x10mm



## UST

Acceptance Criteria: SDH -  
0.8x10mm, FBH - 0.8 & 1.2mm

## Shot Blasting





# BEST IN CLASS R&D FACILITY

- **Spectrometer:** ARL 4460:1454 for Chemical Analysis. Can check 32 different elements
- CS - 230 : Analyzer for Carbon & Sulfur content in steel
- **LECO gas analyzer:** TC 600 H<sub>2</sub>, N<sub>2</sub>, O<sub>2</sub> Analyzer
- Mobile Spectro and XRF for Mix up Testing of Bars
- **Mechanical and Metallurgical Testing Lab:**
  - Rockwell Hardness Tester
  - Impact Testing Machine (Material Toughness)
- **Metallurgical Microscope with Image Analyzer:**
  - Carl Zeis microscope with maximum magnification of 1000x
  - Olympus microscope with maximum magnification of 2000x
- **RADLAB-1 GAMMA RAY Spectrometer:**
  - For Testing Steel Samples for Radiological Content
  - Can identify different types of Isotopes present in Steel Sample and show Results in Bq/gm
  - Samples Radiological content can be certified with 300 Second scan in RadLab "Well"
- **XRF Spectrometer:** Higher range & All input/ output material can be checked and chemically analysed
- **Scanning Electron Microscopy and Energy Dispersive X-ray Spectroscopy (SEM-EDS):** For material surface analysis, material rejection, contaminant identification, solder joint analysis etc.
- **Digital Optical Microscope With Elemental Analyzer:** For observation, analysis and elemental analysis, allowing the status and composition of the target to be checked from its outer appearance



...ensuring highest levels of quality and compliance



# STRATEGICALLY LOCATED WAREHOUSING FACILITIES



- **One Owned Warehouse**
  - Bilaspur Haryana
- **Five Leased Warehouses in India**
  - Bangalore
  - Chennai
  - Rudrapur
  - Pune
  - Aurangabad



# KEY STRENGTHS



## State of Art Manufacturing Facilities and advanced R&D Capabilities

- Well equipped with latest upgraded Technology Machines



## Diversified Product offerings

- Manufactures diverse range of products with wide applications across sectors
- Further expanding product offerings to increase wallet share with existing customers and adding new clients



## Rich Management Experience

- Dynamic & rich experience in special steel sector
- Diverse team with right mix of operational & technical expertise along with dedicated and skilled employee base



## Quality Standards & Assurance

- Adherence to quality standards across all stages of manufacturing
- Checked for dimensional accuracy & temper at every stage
- Well equipped modern testing facilities to check for physical, mechanical & chemical properties



## Brand Image

- Continuous brand building exercise by providing excellent services to satisfy our customers





**Vardhman**

Delivering Excellence Since 1965.

# 200+ REPUTED & LONG TERM CUSTOMERS....

## Cars



## Two Wheelers



## HCL/LCVs



## Auto Components



## Tractors



## Off Highway Vehicles







# ....ACROSS GLOBE WITH CUSTOMER BASE







**WAY AHEAD**





# INVESTING IN OUR REAL ASSETS



- **CCL - US based Organisation** – offers leadership programs across 160 countries, FT top10 in executive education with 500K alumni over 50 years
- **Customized leadership training** for 12 senior management



- **Training programs** – functional, attitudinal, skill development, quality – across all levels of employees
- **Specialized & customized programs**



- **New Initiative undertaken**
- **Formalized training programs** that focus on technical knowledge, enhance skill sets and productive efficiencies of personnel



# VSSL ENTERED A STRATEGIC ALLIANCE WITH AICHI STEEL CORPORATION (ASC) JAPAN

(Main material maker for Toyota)

**Gasoline**



**Phase - 1**

- Technology and technical know how shared with VSSL to make steel for Toyota companies and other OEM's
- To raise quality of steel of VSSL to be supplied to future ready cars like Hybrid, Hydrogen fuel and Electric



**Hybrid**



**Phase - 2**

- Increase VSSL production capacity with aim to achieve high quality combined with minimum cost
- Enable VSSL to build optimal global production system and customer requirements in India and ASEAN regions



**EV's**



## TARGET

To make Japanese quality steel in India for Indian auto majors and ASEAN region  
To reduce manufacturing costs by reducing and eliminating waste

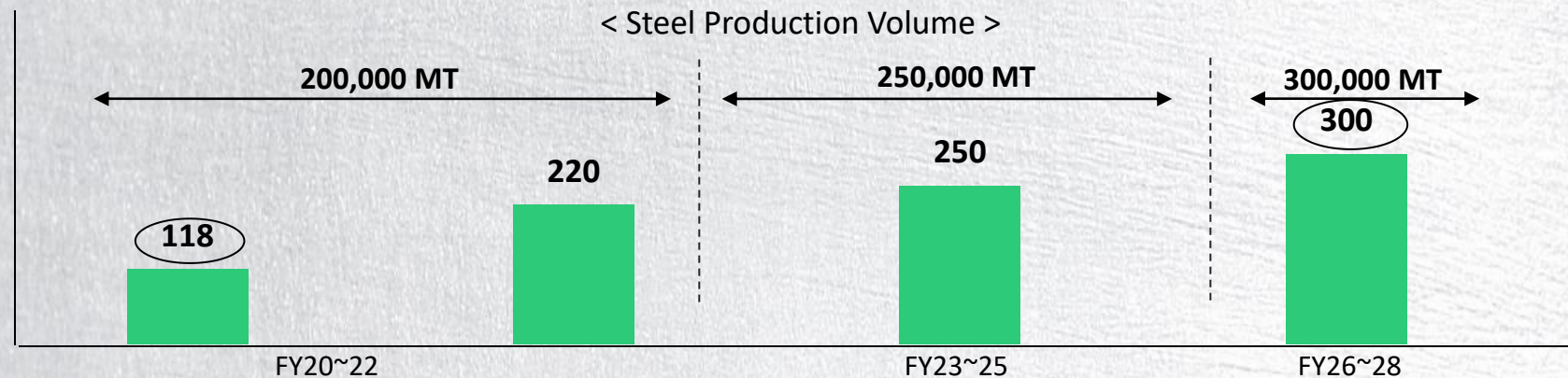


# WHAT ADVANTAGE FOR VSSL AFTER ALLIANCE WITH AICHI

## Possibilities

- Future Ready products - Patent steel grades developed for special application in EV's, hybrid and conventional cars
- **Own In House R&D** – Toyota Car Company takes input from Aichi on special steel to be developed car parts. It means we can target more approvals for VSSL in Maruti Suzuki and Toyota
- More customers for Vardhman in India and ASEAN region
- Export expected to increase from current 5% in FY22 to 20% - 25% by FY27
- Ministry of Environment grants Environmental Clearance for expansion from 2,00,000 MT per annum to 2,80,000 MT per annum of rolled capacity
- **Forward Integration of VSSL into specialised Forging plant in India**

## Road map of production volume (billets)





# TIMELINE FOR ACTIVITIES

## Phase 1

- Continuous improvement in quality and productivity by strengthening existing procedures
- Focus on Improving safety levels
- Start marketing to customers in India, Thailand, Philippines and Indonesia
- FY 2021-22 – Year of Sampling for Aichi

**2019-2022**

## Phase 2

- Initiate CAPEX to increase production capacity to 250,000 MT in first phase
- FY 23: Year of manufacturing of Trial orders for Aichi
- Anticipate to receive orders from Aichi for Southeast Asia as well as import substitutions
- ✓ Joins hands with ASC to start mass production in Mar'23
- FY 24: Start supply of products against firm orders for Aichi

Take Japanese approvals like Yamaha, Mushashi, JTEKT, Toyota, Aichi Forge, Suzuki, Hino Motors

**2022-2025**

## Phase 3

Production 300,000MT / year  
Export 60,000 MT / year

- Vardhman may look forward to Forging business in India
- Time for Aichi to Invest more in Vardhman
- VSSL AICHI may lay foundation for future steel company in India

**2025-2028**

## Goal 2030

**VSSL to emerge as #1 Special Steels' Manufacturer in India**



# ESG INITIATIVES



## Environment

- Committed towards cleaner, greener and healthier environment by implementing stringent standards & policies for Environment in our unit
- Making steel through Electric Arc Furnace route which is significantly more environment friendly than Blast Furnace route. Most of our competitors are making steel through Blast Furnace route
- In 2015, installed Secondary Fume Extraction system with investment of Rs. 12 crores, to capture dust going into air. Its annual operational cost is approximately Rs. 5 crores
- On our journey of expanding production capacity from existing 2 lac TPA to 2.80 lac TPA, we are also leaping step forward in tightening our norms towards environment protection. These include development of Greenbelt of over 33% existing land area, emissions below 30 ppm against 150 ppm followed by most of our competitors, zero liquid discharge and reduction of substantial water extraction even after expansion. Apart from this, we are developing forest on 5 acres of land owned by Vardhman Textiles Ltd. situated at middle of Focal Point, Ludhiana with Japanese technique known as "Miyawaki". This will be unique facility on such large area for benefit of environment and society at large. All this will be done with total capital outlay of over Rs. 30 crores
- Aspire to plant 1,000 acres of forest in next 15 years in Punjab
- Plan to replace Furnace Oil with Natural Gas (being Greener Fuel), thus reducing load of carbon emissions going into environment
- Trees are planted every year to increase green area in and around factory, planted over 52,000 trees till March 2023 and also undertaken parks and other areas for development
- Focusing on water conservation by recharging water through 7 rainwater harvesting pits in factory and adopted more than 10 ponds for desilting
- Install renewable solar power plants in next 2-3 years to reduce carbon footprint
- Target – to bring down carbon footprint below 0.5 by 2030 and 0 by 2050, well ahead of India's target of net 0 by 2070
- Disposing all types of wastes being generated in factory through agencies duly approved by Pollution Control Board

## Social

- Support principles of inclusive growth and equitable development through CSR initiatives for sustainable development in core business activities
- We have made several contributions towards:
  - (i) Preventive & Promoting Healthcare and Sanitation
  - (ii) Towards Environment sustainability
  - (iii) For Promoting Education
  - (iv) Towards Women Empowerment
  - (v) Towards socially and economically backward groups



# ESG INITIATIVES



- Have In-house oxygen generation plants for our captive consumption. During Covid time, we had served society by supplying oxygen cylinders. During 2nd wave of Covid, we have been able to serve for 50% requirement of oxygen of Ludhiana city
- **Employee well being:**
  - ✓ We hadn't laid off anyone during Covid time, rather we had paid full salaries to our employees and ensured full payment to our contract workers. Apart from this, we had given timely increments, production incentives and above all distributed one time incentive for hard work done by entire team during tough times of Covid
  - ✓ In current year, we had developed well-equipped Health Fitness Centre in campus managed by professional trainer
  - ✓ We have launched 3 welfare policies in current year:
    - Chalo Ghar Bhi Banaye (Housing loan scheme)
    - Main Hoon Naa (Taking care of education of children on unfortunate demise of our employee till graduation irrespective of any College/University)
    - Vidwaan Bano (Scholarship of Rs. 50,000/- to outstanding children of our employees)
- **We are having strong Women Grievance handling mechanism in place**
- **We have various unique facilities and schemes for benefit of employees such as single roof canteen serving same food from Worker to MD**
- **Two full time Doctors posted in campus, promoting Trekking, Meditation in Vipasana or equivalent, helping to maintain BMI and more**

## Governance

- M/S B S R & Co LLP, affiliate of KPMG, Chartered Accountants are our Statutory Auditors.
- We are led by strong Board consisting of 11 members out of which 6 are independent directors. Chairperson is non-executive independent director. Our Board includes two women directors, out of which one is independent director.
- Aichi Steel Corporation Japan, main steel supplier to Toyota Group had selected us as their partner and entered strategic alliance in 2019 along with equity participation in VSSL and have seat on the Board



**Vardhman**

Delivering Excellence. Since 1965.

# THANK YOU

For further information, please contact

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**VSSL****VSSL IN****VARM.BO**

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