

VARDHMAN SPECIAL STEELS LIMITED

Delivering Excellence. Since 1965.

CHANDIGARH ROAD LUDHIANA-141010, PUNJAB

T: +91-161-2228943-48

F: +91-161-2601048, 2222616, 2601040

E: secretarial.lud@vardhman.com

Ref. VSSL:SCY:MAY:2021-22

Dated: 14-May-2021

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

SUB: COMPLIANCE OF REGULATION 30 OF THE SEBI (LISTING OBLIGATIONS AND DISCLOSURE REQUIRMENTS) REGULATIONS, 2015.

Scrip Code: VSSL

Dear Sir,

Pursuant to the provisions of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirement) Regulations, 2015, please find enclosed herewith Investor Presentation on Audited Financial Results of the Company for the quarter and financial year ended 31st March, 2021.

Kindly note and display the notice on your notice board for the information of the members of your exchange and general public.

Thanking you,

Yours faithfully,

For VARDHMAN SPECIAL STEELS LIMITED

(SONAM TANEJA)
Company Secretary



Disclaimer





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Table of Contents









Management's Message





Commenting on the results Mr. Sachit Jain, Vice Chairman and Managing Director said -

"I am very happy to share our financial performance for the fourth quarter and fiscal year ended March 2021. During the fourth quarter, our sales volumes stood at 47,828 tonnes with a revenue of Rs. 334.48 crore and EBIDTA of Rs. 54.68 crore which was the highest ever for a quarter. However this EBIDTA for the quarter had has some exceptional items and is not indicative of future annual profit. For the year, the volumes stood at 1,50,265 tonnes with a revenue of Rs. 937.08 crore and EBIDTA of Rs. 116.31 crore. This growth can be attributed to growing demand in the automotive sector and strong demand from OEMs/component manufacturers for our products and increase in prices.



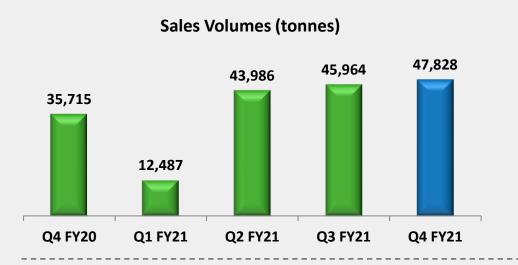
This is reassuring in terms of our ability to achieve set targets and in turn deliver complete customer satisfaction. We plan to bring this into force by increasing our volumes, realizations while improving operational efficiencies and reducing working capital. We have already successfully crossed our ROCE target of 18% and recorded ROCE (EBIDTA/ Net Capital Employed) of 19.5%. We are now adding a new goal to reach ROCE of 25% by the year 2025.

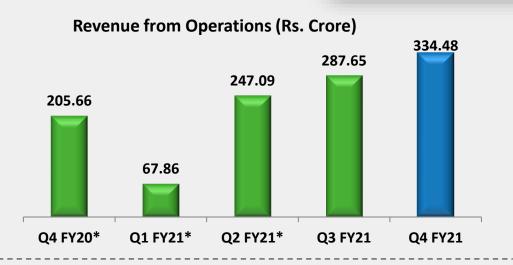
The last year has been especially noteworthy in terms of challenges and overcoming obstacles in terms of the global pandemic. In the second wave, one of the key challenges for our country, has been acute shortages of oxygen cylinders. In order to ease the situation in Ludhiana, we have been diverting oxygen from our production to medical use, delivering 2,000 cylinders per day. Our teams' efforts have been appreciated by the district administration and we will continue to give back to our nation who has given us so many opportunities to grow and prosper.

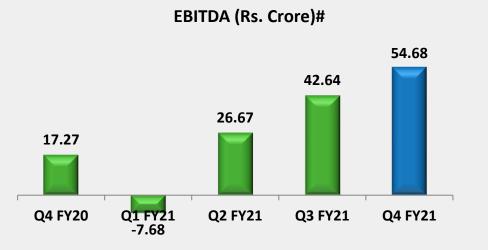
Overall, we remain focused on creating value for our stakeholders and managing the business for the long term to transform our business and our ways of working. I am thankful to the entire team at Vardhman for overcoming gripping uncertainties and delivering good results."5

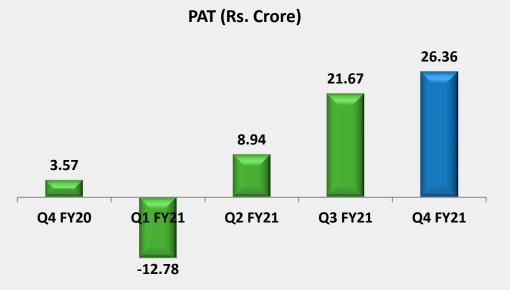
Financial Highlights - Quarterly











^{*} Includes sale of billets and traded goods ; #EBITDA is including Other Income

Financial Highlights – Q4 FY21





INR Crore	Q4 FY21	Q4 FY20	Y-o-Y %	Q3 FY21
Revenue From Operations*	334.48	205.66	62.64%	287.65
Other Income	2.41	1.46		3.19
Total Income	336.89	207.12	62.65%	290.84
Cost of Materials Consumed	194.07	109.33		174.31
Purchases of Stocks	0.00	0.02		0.00
Changes In Inventory	-13.28	14.38		-22.63
Raw Material Expenses	180.79	123.73	46.12%	151.68
Employee Expenses	18.40	12.49		17.87
Power & Fuel	33.72	26.63		36.48
Other Expenses	49.30	27.01		42.17
Total Expenditure	282.21	189.85		248.20
EBITDA	54.68	17.27	216.56%	42.64
Depreciation	10.01	6.55		6.74
Interest / Finance Cost	4.80	5.08		4.95
PBT	39.87	5.64	607.23%	30.95
Tax	13.51	2.07		9.29
PAT	26.36	3.57	638.66%	21.67
Basic EPS in Rs.	6.51	0.88	639.77%	5.36

- Q4 FY21 volumes stood at 47,828 tons YoY growth of ~34%, mainly on account of strong demand from automotive sector
- Increase in revenue of 62.64% mainly on account of combination of rise in volumes and price increase w.e.f 1st January 2021
- EBITDA Y-o-Y growth of 216.56%, mainly on account of increase in sales volumes, price increase and higher operational efficiencies

^{*} Includes sale of billets and traded goods

Financial Highlights – FY21





INR Crore	FY21	FY20	Y-o-Y %
Revenue From Operations*	937.08	846.20	10.74%
Other Income	12.96	9.40	
Total Income	950.04	855.60	11.04%
Cost of Materials Consumed	537.41	389.29	
Purchases of Stocks	0.00	4.32	
Changes In Inventory	-12.25	144.39	
Raw Material Expenses	525.17	538.00	-2.39%
Employee Expenses	59.61	48.13	
Power & Fuel	116.26	95.49	
Other Expenses	132.69	124.86	
Total Expenditure	833.73	806.48	
EBITDA	116.31	49.12	136.79%
Depreciation	30.23	25.72	
Interest / Finance Cost	19.71	25.72	
PBT	66.38	-2.32	2965.51%
Tax	22.18	-5.66	
PAT	44.19	3.34	1223.24%
Basic EPS in Rs.	10.94	0.89	1129.21%

- Volumes for the full year stood **
 at 1,50,265 tonnes YoY
 growth of ~10%, despite Q1
 performance impacted by
 COVID-19 nationwide
 lockdown, higher sales
 volumes due to increased
 demand from OEMS/
 Component manufacturers in
 later quarters of FY21 helped
 to achieve volumes
- EBITDA growth of 136.79% increase in sales volumes,
 price increase, better
 realizations and higher
 operational efficiencies
- RoCE stands at 19.50% on yearly basis
- Board recommended dividend of Rs. 1.5 per equity share with face value of Rs. 10 each
 subject to shareholder approval

^{*} Includes sale of billets and traded goods; #Capital employed in RoCE does not include unutilized funding of Rs. 50 cr from Aichi Steels as it is deposited in FD

Balance Sheet Highlights

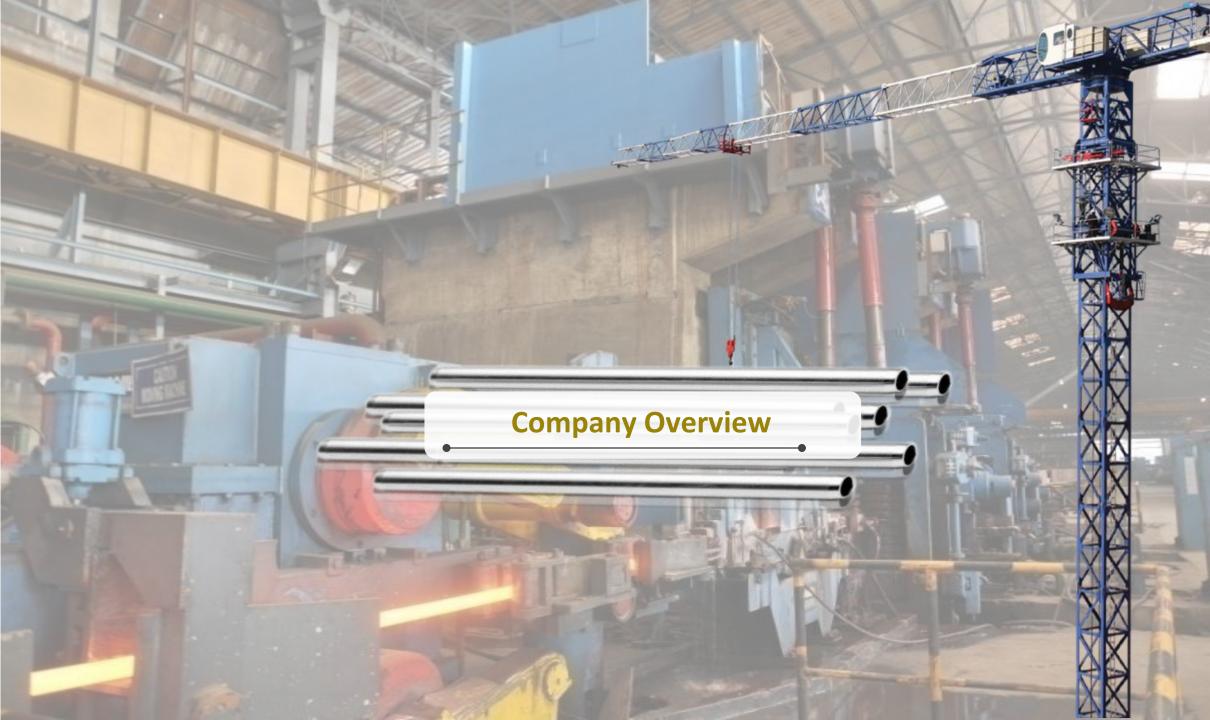




INR Crore	As on 31 st Mar'21	As on 31 st Mar'20
Equity*	459.36	413.63
Equity Share Capital	40.51	40.39
Other Equity	418.86	373.24
Non-current liabilities	112.87	110.95
Financial Liabilities		
Borrowing	109.65	107.84
Lease Liability	0.94	1.49
Other Financial Liabilities	0.32	0.18
Provisions	1.76	1.20
Other Non Current Liabilities	0.19	0.23
Current liabilities		
Financial Liabilities	230.50	245.66
Borrowings	59.86	148.62
Lease Liabilities	0.11	0.14
Trade Payables		
Total O/s dues of Micro, Small Ent	2.56	1.27
Total O/s other Than Above	127.62	60.46
Other Financial Liabilities	30.53	27.09
Provisions	0.24	0.86
Other Current Liabilities	9.46	7.21
Current Tax Liability (Net)	0.13	0.00
Total Equity & Liabilities	802.73	770.24

INR Crore	As on 31 st Mar'21	As on 31 st Mar'20
Non-Current Assets	320.45	409.37
Property Plant & Equipment	281.49	308.31
Capital work in progress	12.74	12.33
Other intangible assets	0.13	0.25
Right of Use Asset	0.91	1.55
Financial Assets		
Long Term Loans	1.78	0.84
Other Financial Assets	0.00	51.38
Deferred Tax Assets (Net)	9.69	19.96
Current Tax Assets (Net)	0.83	2.94
Other Non-Current Assets	12.88	11.81
Current Assets	482.28	360.87
Inventories	192.26	151.78
Financial assets		
Investments	0.00	5.00
Trade receivables	218.40	179.89
Cash & Cash equivalents	2.34	2.30
Other Bank Balance	50.00	0.00
Loans	0.99	0.91
Other financial assets	10.61	1.68
Assets Held for Sale	0.00	10.12
Other Current Assets	7.67	9.17
Total Assets	802.73	770.24

^{*}On 4th November 2019, Company allotted 46,29,629 equity shares on preferential basis of Rs.10 each at Rs. 108/- (including security premium) aggregating to Rs. 50 Crore to Aichi Steel Corporation



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

200+ Reputed and long-term customers

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

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



State-of- art manufacturing facilities

- Cutting-edge manufacturing technology
- Manufacturing Capacity
 - ➤ Billets 2,00,000 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 14001:2004; OHSAS 18001:2007; ISO 9001:2008; ISO/TS 16949:2009

Journey So Far



What We were...

- 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 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

- 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
 acres of adjoining
 land for Rs. 36 Cr.

- Feb. 2018 QIP of Rs 50 Cr.
- June 2018 CRISIL upgraded credit rating
- August 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 - Issuance of equity shares on preferential basis worth Rs. 50 Cr.
- Appointed Additional Director as representative of Aichi Steel Corporation

2018 - Till Date

2016 - 2017

1973-2011

2012 - 2015

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

Strong Experienced Board of Directors contd...







Mr. Rajeev Gupta Chairman & Independent Director

- B. Tech from BHU/IIT, Varanasi and MBA (IIM, Ahmedabad)
- Rich experience of more than 35 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 29 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 25 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 35years of service



Mr. Sanjoy Bhattacharyya Independent Director

- B.Sc (Statistics Honours) and MBA. from IIM, Ahmedabad
- More than 21 years of experience in equities & investment management - Among leading stock market Gurus



Mr. Takashi Ishigami Non-Executive Director

- Representative of Aichi Steel Corporation
- Completed Education from Yamanashi University
- Over 40 years of rich experience in Steel Industry

Strong Experienced Board of Directors contd...



VARDHMAN SPECIAL STEELS LTD



Mr. B.K. Choudhary Non-Executive Director

- Degree in B.Sc., M.Com & MBA
- Rich experience of more than 44 years in Steel
 Textile industry



Mr. Rakesh Jain Independent Director

- Ph.d in Polymers from the University of Akron
- Worked in the 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. Sanjeev Pahwa Independent Director

- B. Tech from IIT, Delhi -Experience of more than 26 years in bicycle/automobile tyres and tubes industry
- Chairman-cum-MD of Ralson (India) Ltd. –
 Largest tyre manufacturer in the World



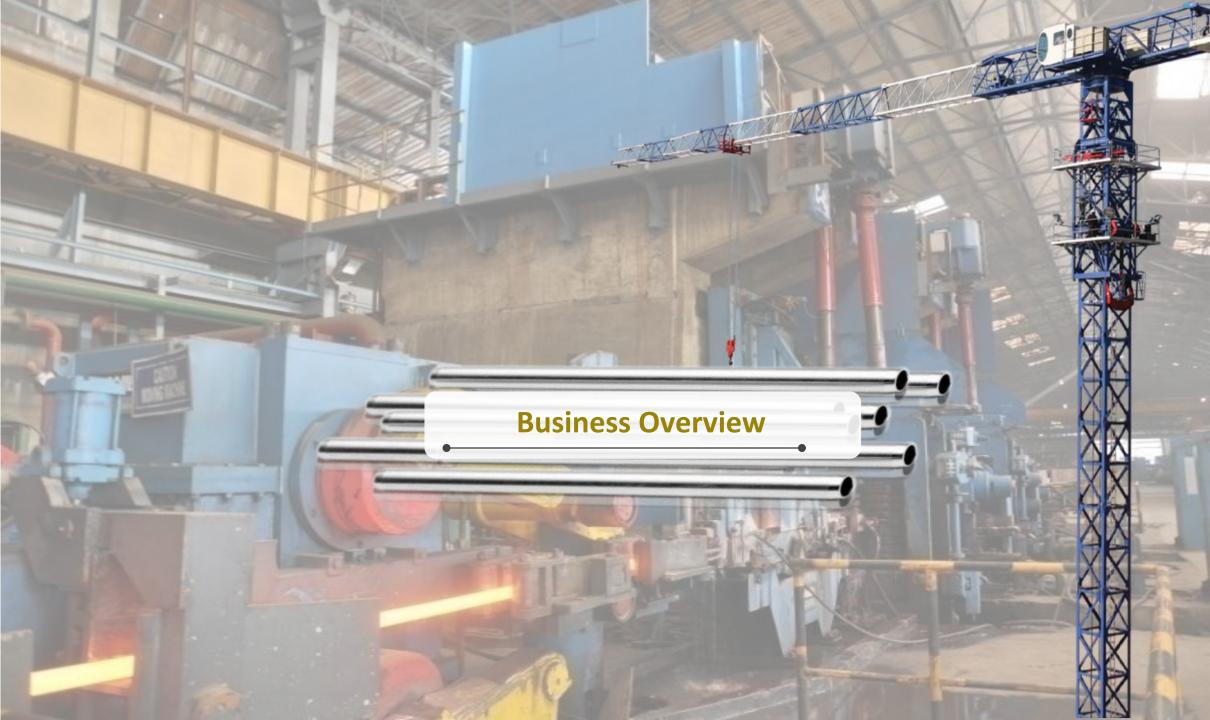
Ms. Shubhra Bhattacharya Independent Director

- Bachelor's degree in Mathematics and MBA from Xavier's Labor Relations Institute
- More than 25 years of experience in Human Resource Management



Mr. Raghav Chandra Independent Director

- B.Sc (Hons.); M.Sc in Mathematics; Master's in Public Administration, Harvard
 University & Various professional career trainings from Cambridge University, SIPA
 Columbia University, USA, IIM Ahmedabad
- Additional Secretary & Financial Advisor various Ministries; Chairman NHAI; CMD Indian Highway Management Co. Ltd.; Principal Secretary- Urban Development, MP; Commissioner and CEO - MP Housing Board; MD- MP SIDC; Chairman SEZ Indore



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

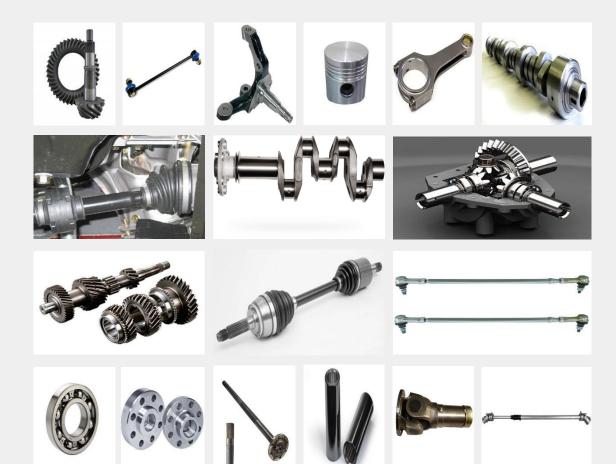
Connecting Rod

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













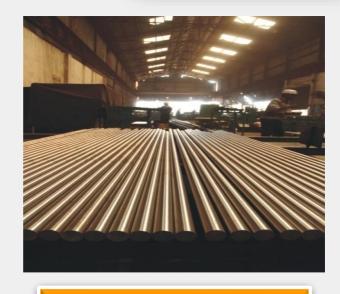
Steel Melting Shop

- Annual Capacity: 2,00,000 TPA
- 30 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)



Rolling Mill

- 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



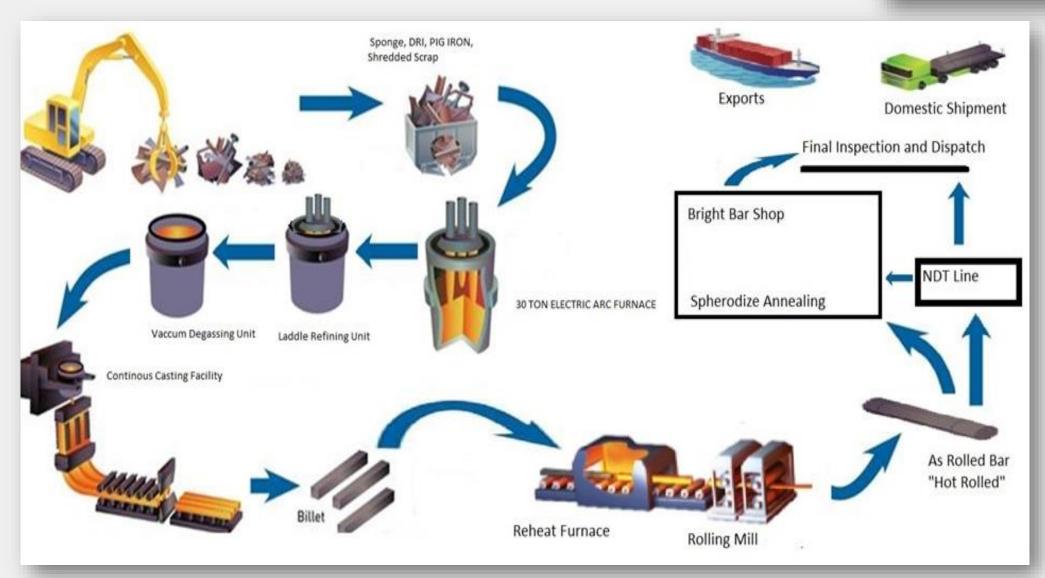
Bright Bars

- Annual Capacity: 36,000 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







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





Bright Bar Shop



Spherodizing & Annealing Machines

Bright Bar Shop



21

Automatic Line of Bar Inspection - NDT Line





Straightening

Straightness : 2mm / meter



Chamfering

Bar ends free from Burr



MFLT

Acceptance Criteria: 0.2x10mm



UST

OLYMPUS

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



Best in class R&D Facility

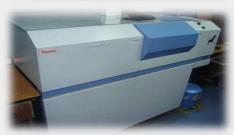




- Spectrometer: ARL 4460:1454 for Chemical Analysis. Can check 32 different elements
- CS 230 : Analyzer for Carbon & Sulfur content in steel
- **LECO gas analyzer** TC 600 H₂, N₂, O₂ Analyzer
- Mobile Spectro and XRF for Mix up Testing of Bars
- Mechanical and Metallurgical Testing Lab
 - Rockwell Hardness 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













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	01
Diversified Product offerings	01
 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	02
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	03
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 	04
Brand Image	
 Continuous brand building exercise by providing excellent services to satisfy our 	
customers	05

200+ Reputed & Long term customers....





Cars







TOYOTA





Two Wheelers











HCL/LCVs









DAIMLER

Auto Components











Tractors











NEW HOLLAND

AGRICULTURE

Off Highway Vehicles







... Across Globe with Customer Base







Investing in Our Real Assets





Vardhman Leadership Development Program Park Plaza, Ludhiana -16th to 20th January 2019







Centre for Creative Leadership

- 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

'Manav Vikas Kendra'

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

'EKLAVYA - B.Sc. to B. Tech.'

- 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





Hybrid





EV's





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



Phase - 2

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

TARGET - To make Japanese quality steel in India for Indian auto majors and ASEAN region

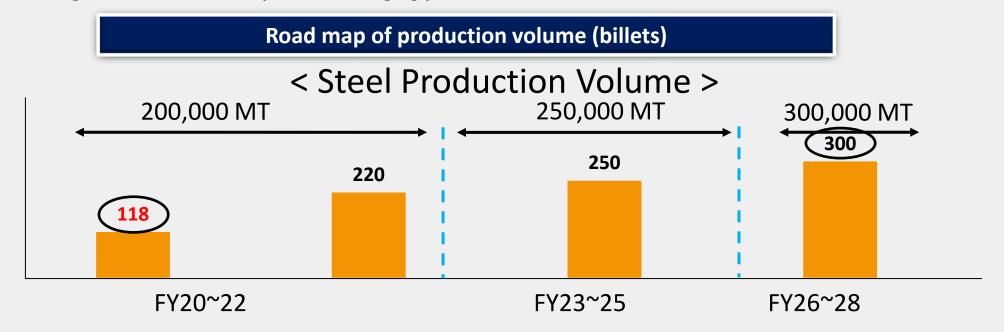
To reduce manufacturing costs by reducing and the eliminating waste

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 3% in FY 2020 to expected 20% 25% by FY 25
- Forward Integration of VSSL into specialised Forging plant in India



Timeline for activities





Phase 3

Phase 2

Phase 1

- Continuous improvement in quality and productivity by strengthening existing procedures
- Focus on Improving safety levels
- Start of Marketing activities to customers in India, Thailand, Philippines and Indonesia

2019-2022

CAPEX to bring in new manufacturing facilities for improving productivity to 250,000 MT

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

2022-2025

Export 60,000 MT / year

Production 300,000MT / 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

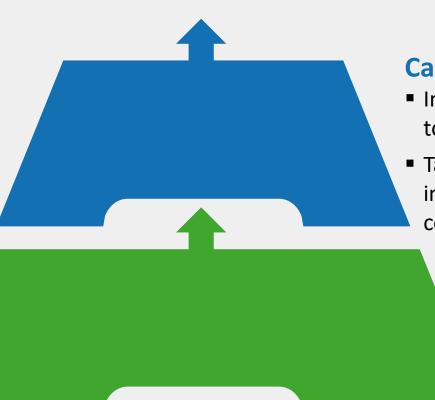
2025-2028

Goal 2030 – VSSL to emerge as # 1 company in special steel making in India

Way Ahead







Capacity Expansion & Utilization

- Increase melting capacity to 2,50,000 TPA and Rolling Capacity to 2,20,000 TPA by FY22
- Target of achieving full capacity utilization, quality improvement, cost reduction & product mix enrichment in consultation with Aichi Steel Corporation

De-risking Business

 Explore avenues – increase high margin products, enter into new geographies, change in customer mix and expand into new industry applications

Thank You







534392



Bloomberg VSSLIN

REUTERS

VARM.BO

For further information, please contact:

Company: Investor Relations Advisors:

Vardhman Special Steels Limited Bridge Investor Relations Pvt. Ltd.

Mr. Sanjeev Singla
Sanjeevsingla@vardhman.com

Mr. Amit Sharma
+91 9867726686

amit@bridge-ir.com

www.vardhmansteel.com

Ms. Disha Shah
+91 9699060134
disha@bridge-ir.com