

Jindal Saw Limited

10 May 2024

Geared for growth; positive demand outlook

COMPANY UPDATE

Sector: Iron and Steel Products	Rating: NR
CMP: Rs 522	Target Price: NA

Stock Info

Sensex/Nifty	72,404/21,958
Bloomberg	JSAW IN
Equity shares (mn)	320
52-wk High/Low	584/159
Face value	Rs 2
M-Cap	Rs 167bn/ USD 2bn

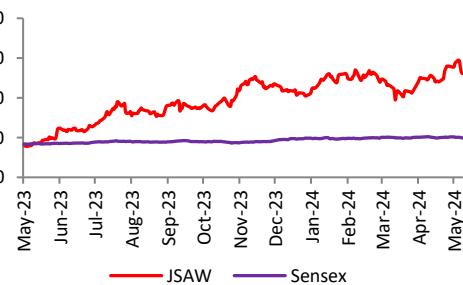
Financial Snapshot (Rs bn)

Y/E Mar	FY22	FY23	FY24
Revenue	133	179	210
EBITDA	14	17	33
PAT	4	5	16
EPS (Rs/share)	12	14	50
P/E (x)	44	37	10
EV/EBITDA (x)	15	13	6
RoE (%)	5	6	17
RoCE (%)	11	14	25

Shareholding Pattern (%)

	Mar'24	Dec'23	Sep'23
Promoter	63.3	63.3	63.3
-Pledged	-	-	-
FII	14.7	15.2	17.7
DII	3.0	2.3	1.7
Others	19.1	19.3	17.4

Stock Performance (1-year)



Jindal Saw Limited (JSAW IN; NOT RATED; NR), founded in 1984, is the flagship company of PR Jindal group. The company manufactures large-diameter submerged arc welded (SAW) pipes, ductile iron (DI) pipes, carbon, alloy, and stainless-steel seamless pipes and tubes, and has operations in India, the UAE, and the US. In India, its manufacturing facilities are located at Uttar Pradesh, Gujarat, Maharashtra, Karnataka, and Madhya Pradesh having a cumulative capacity of ~2.5mt in pipes and tubes. JSAW's 300ktpa plant in Abu Dhabi, UAE, manufactures large-diameter DI pipes, which primarily caters to the export markets of MENA (Middle East/North Africa) region; it also has a double jointing and coating facility in Baytown, Texas, under Jindal SAW USA LLC (capacity of 5mn square meters per annum). JSAW also has a 2mtpa iron ore mine and a 1.5mt pellet beneficiation and manufacturing plant in Bhilwara, Rajasthan. Over the years, JSAW has evolved into a total pipe solution provider with a diverse product portfolio and integrated operations, which enhanced its margins.

JSAW reported 4QFY24 revenue of Rs 54.3bn (+5%/-4% YoY/QoQ), EBITDA of Rs 9.2bn (+53%/-7% YoY/QoQ) and EBITDA margin of 17% (+539.6bps/-51.85bps YoY/QoQ). FY24 revenue and EBITDA were reported at Rs 210bn (+17% YoY) and Rs 33bn (+100% YoY), respectively. The company has gradually expanded its operating margin from 9-10% over a decade ago to 12-13% in the last few years and further to 16% in FY24. Increased order execution across margin accretive segments, value-added product (VAP) mix, backward integration and various strategic expansions aided the margin expansion. Operational ramp up at Sathvahana Ispat Limited (SIL) and improved utilisation boosted production and sales of steel pipes to 1.74mt and 1.72mt, respectively, during FY24, up by 34% YoY. During the year, the company produced and sold 1.54mt (+3% YoY) and 1.58mt (+8% YoY) of pellets, respectively. The company closed FY24 with an orderbook of USD 1.53bn vs USD 1.49bn as of December 2023. JSAW's consistent orderbook, a result of robust domestic and export demand, provides visibility on execution. JSAW recorded net debt of Rs 48.7bn in FY24 vs Rs 47.5bn in FY23. Management attributed the higher gross debt during the year to SIL acquisition in April 2023 through NCLT. However, the company's leverage ratio (net debt to EBITDA) improved from 2.85x to 1.47x during this period. The stock currently trades 6.4x FY24 EBITDA; management is targeting to reduce debt in FY25 through internal accruals, which could drive a re-rating in the stock.

Key takeaways from the earnings call:

Volumes: The company reported robust 34% growth in production (1.74mt) and sales (1.72mt) during the year, led by SIL ramp up and improved capacity utilisation. Management expects modest 10-15% growth in FY25 volumes and expects prices to stabilise at the current level. Abu Dhabi deliveries were softer during the quarter due to geopolitical issues and festivities in March; 1QFY25 is expected to be better.

Margin guidance: Strategic initiatives and improving VAP mix have driven margin expansion, which management believes should sustain at 16-17%.

Current order book: The company's order book of USD 1.53bn across India and global operations has been consistent since the last few quarters. Exports constitute 30% of the orderbook; the company saw healthy demand from the water segment at 64-65%,

Shweta Dikshit
shwetadikshit@systematixgroup.in
+91 22 6704 8042

Hinal Kothari
hinalkothari@systematixgroup.in
+91 22 6704 8076

followed by oil and gas at 30% and the rest from the industrial segment, where it expects the share to improve, going forward.

Demand outlook: The company has been witnessing robust demand from Oil Country Tubular Goods (OCTG) [piping products applied in producing oil & gas drilling activities] in India. JSAW entered into a strategic alliance with Hunting Energy Services in September 2023, under which the latter shared its patented Premium Connections technology with JSAW to manufacture seamless casing and tubing structures in India at its Nasik plant. JSAW would be the first company in India to be supplying Premium Connections for OCTG through this JV; it expects to commence the production of connectors soon, thereby adding to its OCTG VAP portfolio. Connectors are to large-diameter pipes what couplings are to smaller pipes. The company has also been witnessing a positive demand sentiment across segments in the domestic and overseas markets mainly in Gulf Cooperation Council (GCC) and MENA regions. DI pipes have a promising export market, spurred by focus on urbanization and smart city development (like the NEOM project).

Capex: With no expansion plans in the pipeline, JSAW expects to incur a nominal capex of Rs 4-5bn towards maintenance and debottlenecking efforts to improve operational efficiency. The company has a strategy in place to pre-pay its entire Rs 10bn debt that the company took to acquire SIL in this calendar year.

Cost optimization: Cost control, innovation, operational efficiency, and M&A contributed to JSAW's productivity and profitability. Management indicated that coke oven battery expansion would be commissioned shortly, which should lower the cost of production and help in sustaining margins.

Exhibit 1: Quarterly table

Particulars (Rs bn)	4QFY24	4QFY23	YoY (%)	3QFY24	QoQ (%)
Net sales	54.3	51.9	5%	56.6	-4%
Total expenditure	45.0	45.9	-2%	46.7	-3%
EBITDA	9.2	6.0	53%	9.9	-7%
EBITDA margin (%)	17.0	11.6		17.5	
PAT	4.8	2.9	63%	5.1	-6%
PAT margin (%)	8.8	5.7		9.1	
EPS	15.0	9.2	63%	16.0	-6%

Source: Systematix Institutional Research

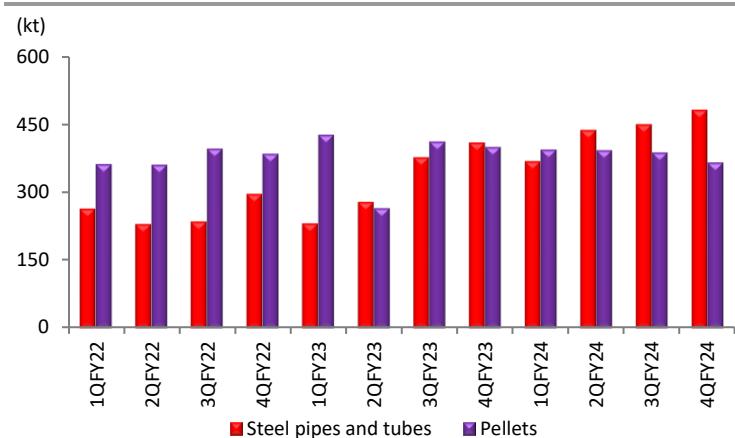
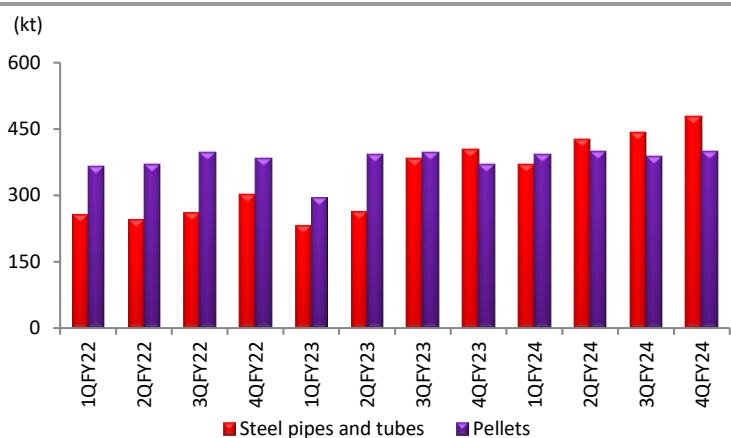
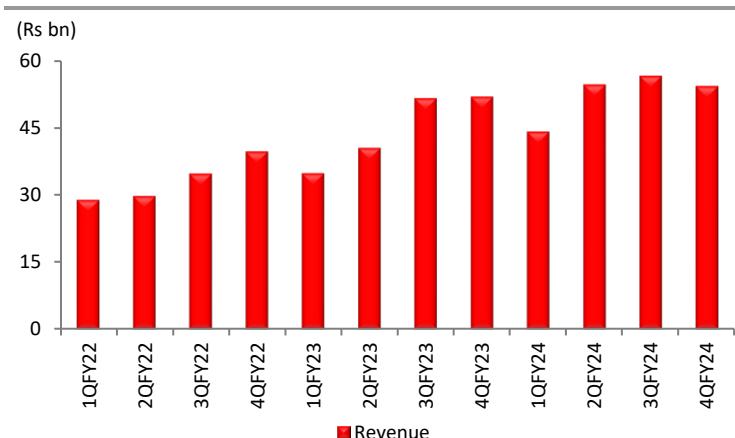
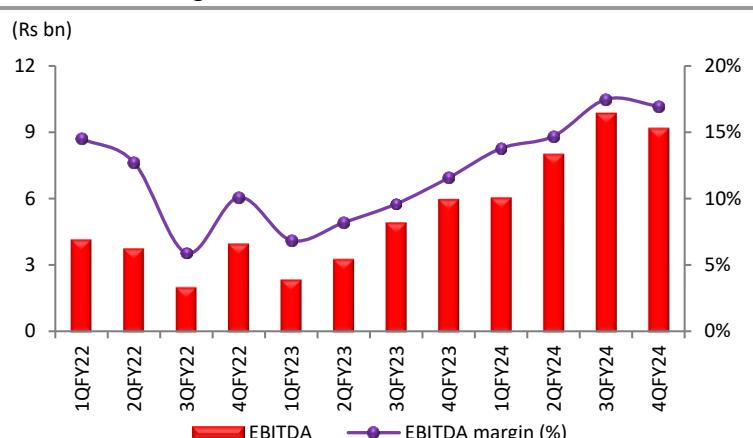
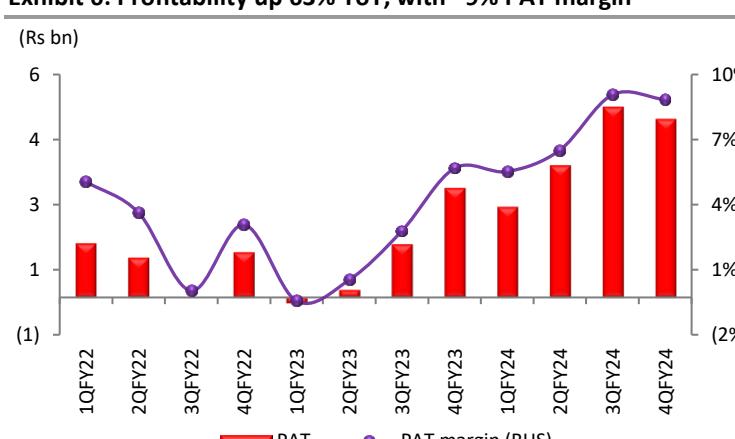
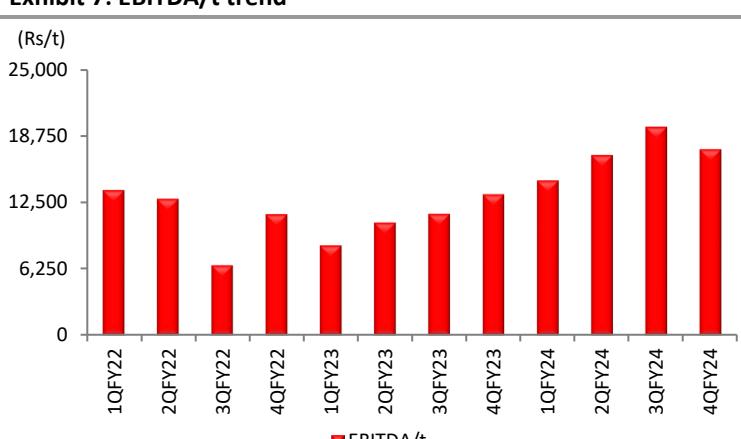
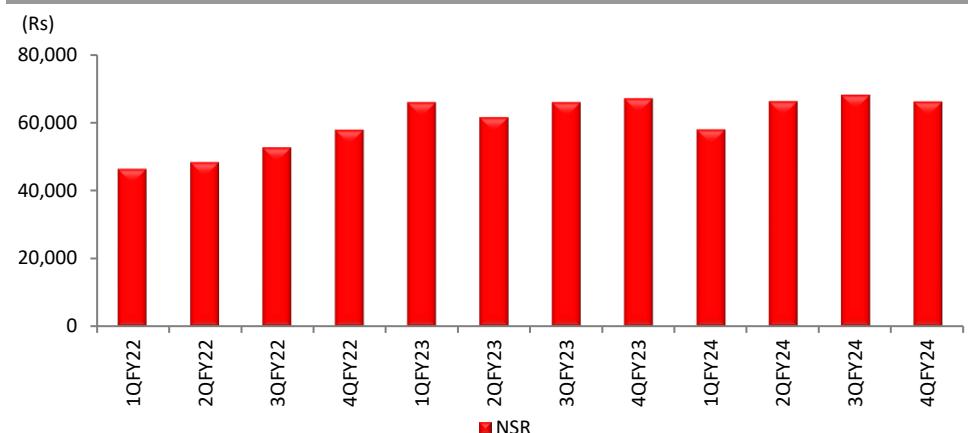
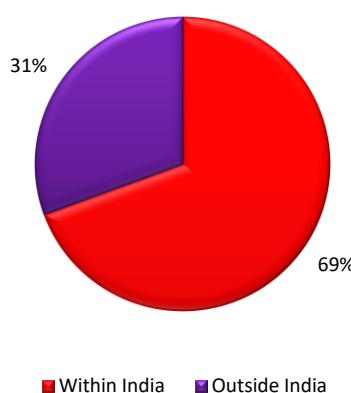
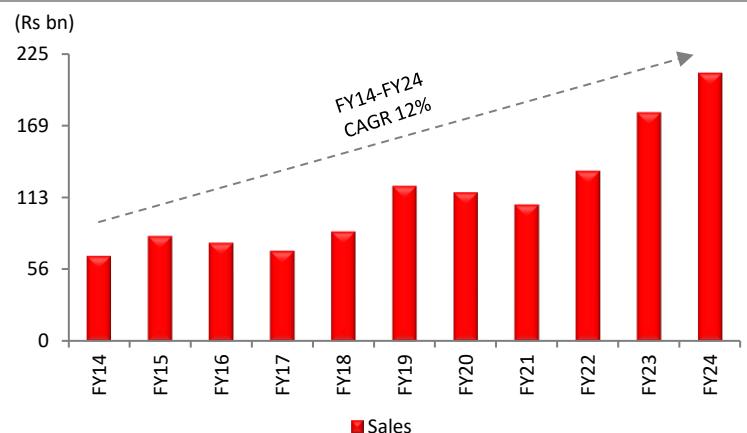
Exhibit 2: Steady expansion in steel pipes and tubes production**Exhibit 3: Rising sales volume trend****Exhibit 4: Revenue grew at 5% YoY but fell by 4% QoQ****Exhibit 5: EBITDA margin steadily rose to ~17% on strategic initiatives and higher VAP share****Exhibit 6: Profitability up 63% YoY, with ~9% PAT margin****Exhibit 7: EBITDA/t trend**

Exhibit 8: NSR stable over last few quarters

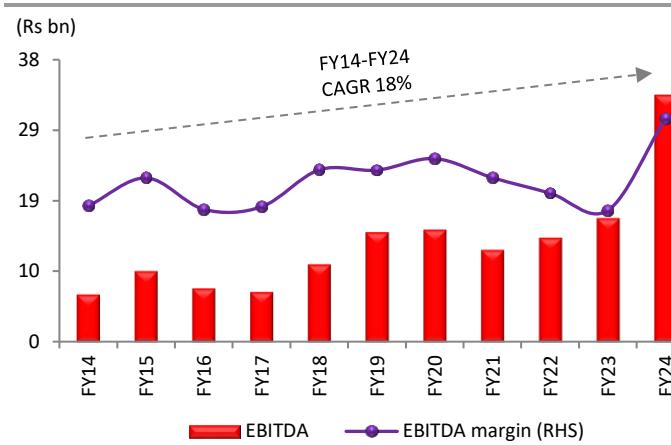
Source: Company, Systematix Institutional Research

Exhibit 9: FY23 revenue split

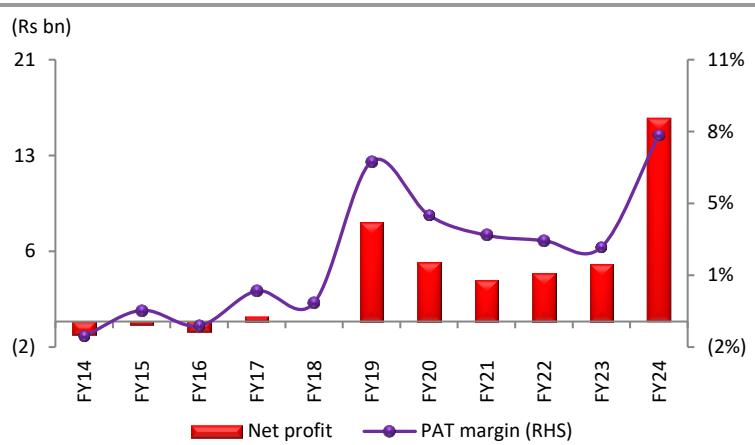
Source: Company, Systematix Institutional Research

Exhibit 10: Revenue clocked 12% CAGR over FY14-FY24...

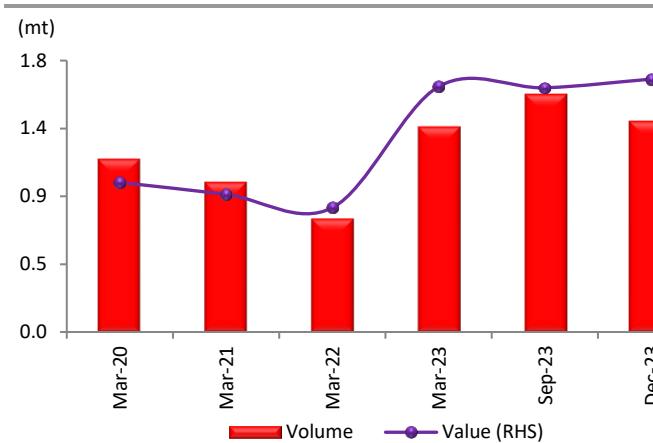
Source: Company, Systematix Institutional Research

Exhibit 11: ...with EBITDA at 18%; EBITDA margin expanded from 9% in FY23 to ~16% in FY24

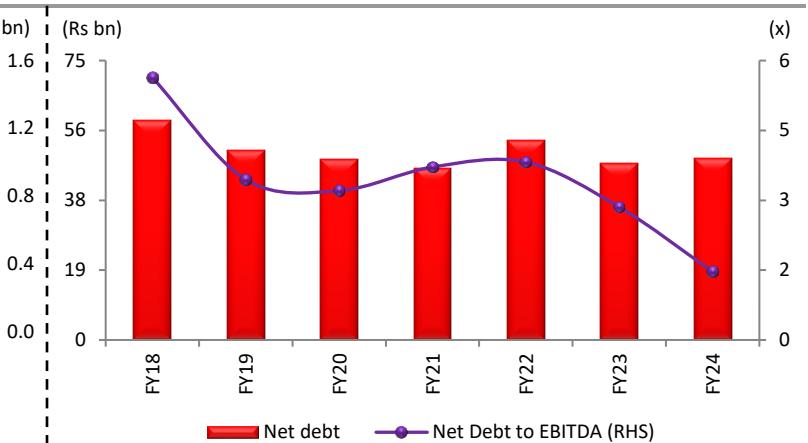
Source: Company, Systematix Institutional Research

Exhibit 12: Profitability improved significantly over the years

Source: Company, Systematix Institutional Research

Exhibit 13: Company's order book in value and volume terms

Source: Company, Systematix Institutional Research

Exhibit 14: Deleveraging and EBITDA growth led to net debt/EBITDA reducing to 1.47x in FY24 from 2.85x in FY23

Source: Company, Systematix Institutional Research

FINANCIALS

Profit & Loss Statement

YE: Mar (Rs bn)	FY20	FY21	FY22	FY23	FY24
Net Sales	116.3	106.6	133.0	178.7	209.6
Expenditure	101.2	94.2	119.0	162.0	176.4
EBITDA	15.1	12.4	14.0	16.6	33.2
Depreciation	4.2	4.6	4.7	4.7	5.7
EBIT	12.0	9.9	10.8	13.9	29.2
Interest	6.2	4.9	4.6	6.4	7.0
Exceptionals					
PBT	4.7	5.0	6.2	7.2	22.2
Taxes	0.1	1.7	2.5	2.7	6.2
Adj. PAT	4.6	3.3	3.8	4.5	15.9
Adj. EPS	14.4	10.2	11.8	14.1	49.8

Source: Company, Systematix Institutional Research

Balance Sheet

YE: Mar (Rs bn)	FY20	FY21	FY22	FY23	FY24
Equity capital	0.6	0.6	0.6	0.6	0.6
Reserves and surplus	67.0	69.2	73.0	78.6	100.3
Net worth	67.6	69.8	73.6	79.2	100.9
Debt	49.1	50.8	57.9	47.8	55.9
Non-current liabilities	33.5	32.6	28.6	29.9	33.3
Current liabilities	58.4	64.2	71.4	79.7	83.3
Deferred tax liability	4.5	5.3	6.3	6.8	9.0
Total liabilities and equity	154.7	162.3	168.5	182.4	210.2
Net block	72.2	70.7	71.2	71.3	86.2
CWIP	4.2	4.0	2.9	3.0	6.3
Inventories	26.9	29.2	37.6	41.0	49.0
Debtors	18.6	21.3	18.1	35.6	34.7
Cash and bank	3.4	7.2	6.7	2.1	8.9
Loans and advances	0.6	0.5	0.6	0.9	0.6
Total current assets	58.2	67.2	72.7	89.0	103.0
Investments	0.0	0.7	0.1	0.0	0.0
Other assets	7.5	6.9	7.5	7.3	8.3
Total assets	154.7	162.3	168.5	182.4	210.2

Source: Company, Systematix Institutional Research

Cash Flow

YE: Mar (Rs bn)	FY20	FY21	FY22	FY23	FY24
PBT	4.7	5.0	6.2	7.2	22.2
Add: Depreciation	4.2	4.6	4.7	4.7	5.7
Add: Interest	-1.1	-1.2	-1.1	-1.0	-0.8
Less: taxes paid	-1.9	-1.0	-1.5	-1.6	-3.0
Add: Interest expense	5.7	4.9	4.6	6.4	7.0
Less: WC changes	2.9	4.0	-12.3	0.6	-5.3
Total OCF	16.6	15.7	0.7	16.2	25.9
OCF w/o WC changes	15.6	12.7	14.6	17.2	34.2
Capital expenditure	-5.9	-4.1	-5.5	-4.1	-8.7
Change in investments					
Interest/Dividend Recd	0.7	0.3	0.2	0.6	0.4
Total ICF	-4.7	-3.6	-1.9	-0.7	-19.2
Free Cash Flows	10.8	11.6	-4.8	12.1	17.2
Dividend payment	-0.8	-0.6	-0.6	-0.6	-1.0
Change in borrowings	-2.2	-2.7	-4.7	-3.1	5.3
Total Financing CF	-11.7	-8.3	0.6	-19.7	-0.1
Net change in cash	0.3	3.8	-0.6	-4.2	6.6
Opening cash & CE	1.4	1.7	5.5	5.0	0.8
Closing cash & CE	1.7	5.5	5.0	0.8	7.4

Source: Company, Systematix Institutional Research

Ratios

YE: Mar	FY20	FY21	FY22	FY23	FY24
YoY growth in Revenue	-4%	-8%	25%	34%	17%
YoY growth in EBITDA	2%	-18%	13%	19%	100%
YoY growth in Net income	-41%	-29%	15%	20%	253%
EBITDA margin	13%	12%	11%	9%	16%
PAT margin	4%	3%	3%	3%	8%
RoE	7%	5%	5%	6%	17%
RoCE	13%	10%	11%	14%	25%
Net debt to equity (x)	0.8	0.7	0.8	0.7	0.5
Per share numbers (Rs)					
Reported earnings	14.4	10.2	11.8	14.1	49.8
Dividend	0.8	0.6	0.6	0.6	1.0
Free cash	10.8	11.6	-4.8	12.1	17.2
Book value	211.5	218.4	230.3	247.7	315.7
Valuations (x)					
P/E	36.2	51.0	44.4	36.9	10.5
EV/Ebitda	14.1	17.0	15.6	12.8	6.4
EV to sales	1.8	2.0	1.6	1.2	1.0
P/B	2.5	2.4	2.3	2.1	1.7

Source: Company, Systematix Institutional Research

Institutional Equities Team

Nikhil Khandelwal	Managing Director	+91-22-6704 8001	nikhil@systematixgroup.in
Equity Research			
Analysts	Industry Sectors	Desk-Phone	E-mail
Dhananjay Sinha	Co Head of Equities & Head of Research - Strategy & Economics	+91-22-6704 8095	dhananjaysinha@systematixgroup.in
Abhishek Mathur	FMCG	+91-22-6704 8059	abhishekmathur@systematixgroup.in
Ashish Poddar	Consumer Durables, EMS, Building Materials, Small-Mid Caps	+91-22-6704 8039	ashishpoddar@systematixgroup.in
Himanshu Nayyar	Consumer Staples & Discretionary	+91-22-6704 8079	himanshunayyar@systematixgroup.in
Manjith Nair	Banking, Insurance	+91-22-6704 8065	manjithnair@systematixgroup.in
Pradeep Agrawal	NBFCs & Diversified Financials	+91-22-6704 8024	pradeepagrawal@systematixgroup.in
Pratik Tholiya	Specialty & Agro Chem, Fertilisers, Sugar, Textiles and Select Midcaps	+91-22-6704 8028	pratiktholiya@systematixgroup.in
Sameer Pardikar	IT & ITES	+91-22-6704 8041	sameerpardikar@systematixgroup.in
Santosh Yellapu	Capital Goods	+91-22-6704 8094	santoshyellapu@systematixgroup.in
Shweta Dikshit	Metals & Mining	+91-22-6704 8042	shwetadikshit@systematixgroup.in
Sudeep Anand	Oil & Gas, Logistics, Cement, Wagons	+91-22-6704 8085	sudeepanand@systematixgroup.in
Vishal Manchanda	Pharmaceuticals and Healthcare	+91-22-6704 8064	vishalmanchanda@systematixgroup.in
Chetan Mahadik	Consumer Staples & Discretionary	+91-22-6704 8091	chetanmahadik@systematixgroup.in
Deeksha Bhardwaj	Strategy & Economics	+91-22-6704 8017	deekshabhardwaj@systematixgroup.in
Devanshi Kamdar	IT & ITES	+91-22-6704 8098	devanshikamdar@systematixgroup.in
Hinal Kothari	Metals & Mining	+91-22-6704 8076	hinalkothari@systematixgroup.in
Jennisa Popat	Oil & Gas, Logistics, Cement, Wagons	+91-22-6704 8066	jennisapopat@systematixgroup.in
Kalash Jain	Midcaps	+91-22-6704 8038	kalashjain@systematixgroup.in
Krishna Zaveri	Consumer Durables, EMS, Building Materials, Small-Mid Caps	+91-22-6704 8023	krishazaveri@systematixgroup.in
Mahek Shah	Consumer Durables, EMS, Building Materials, Small-Mid Caps	+91-22-6704 8040	mahekshah@systematixgroup.in
Nirali Chheda	Banking, Insurance	+91-22-6704 8019	niralichheda@systematixgroup.in
Pashmi Chheda	Banking, Insurance	+91-22-6704 8063	pashmichheda@systematixgroup.in
Pravin Mule	NBFCs & Diversified Financials	+91-22-6704 8034	pravinmule@systematixgroup.in
Prathmesh Kamath	Oil & Gas, Logistics, Cement, Wagons	+91-22-6704 8022	prathmeshkamath@systematixgroup.in
Purvi Mundhra	Macro-Strategy	+91-22-6704 8078	purvimumdhra@systematixgroup.in
Rajesh Mudaliar	Consumer Staples & Discretionary	+91-22-6704 8084	rajeshmudaliar@systematixgroup.in
Ronak Dhruv	NBFCs & Diversified Financials	+91-22-6704 8045	ronakdhruv@systematixgroup.in
Rushank Mody	Pharmaceuticals and Healthcare	+91-22-6704 8046	rushankmody@systematixgroup.in
Swati Saboo	Midcaps	+91-22-6704 8043	swatisaboo@systematixgroup.in
Vivek Mane	Pharmaceuticals and Healthcare	+91-22-6704 8046	vivekmane@systematixgroup.in
Yogeeta Rathod	Midcaps	+91-22-6704 8081	yogeetarathod@systematixgroup.in
Equity Sales & Trading			
Name		Desk-Phone	E-mail
Vipul Sanghvi	Co Head of Equities & Head of Sales	+91-22-6704 8062	vipulsanghvi@systematixgroup.in
Jignesh Desai	Sales	+91-22-6704 8068	jigneshdesai@systematixgroup.in
Sidharth Agrawal	Sales	+91-22-6704 8090	sidharthagrawal@systematixgroup.in
Shreya Chaudhary	Sales	+91-22-6704 8033	shreyachaudhary@systematixgroup.in
Rahul Khandelwal	Sales	+91-22-6704 8003	rahul@systematixgroup.in
Chintan Shah	Sales	+91-22-6704 8061	chintanshah@systematixgroup.in
Pawan Sharma	Director and Head - Sales Trading	+91-22-6704 8067	pawansharma@systematixgroup.in
Mukesh Chaturvedi	Vice President and Co Head - Sales Trading	+91-22-6704 8074	mukeshchaturvedi@systematixgroup.in
Vinod Bhuwad	Sales Trading	+91-22-6704 8051	vinodbhuwad@systematixgroup.in
Rashmi Solanki	Sales Trading	+91-22-6704 8097	rashmisolanki@systematixgroup.in
Karan Damani	Sales Trading	+91-22-6704 8053	karandamani@systematixgroup.in
Vipul Chheda	Dealer	+91-22-6704 8087	vipulchheda@systematixgroup.in
Paras Shah	Dealer	+91-22-6704 8047	parasshah@systematixgroup.in
Rahul Singh	Dealer	+91-22-6704 8054	rahulsingh@systematixgroup.in
Niraj Singh	Dealer	+91-22-6704 8096	nirajsingh@systematixgroup.in
Corporate Access			
Mrunal Pawar	Vice President & Head Corporate Access	+91-22-6704 8088	mrunalpawar@systematixgroup.in
Darsha Hiwrale	Associate Corporate Access	+91-22-6704 8083	darshahiwrale@systematixgroup.in
Production			
Madhu Narayanan	Editor	+91-22-6704 8071	madhunarayanan@systematixgroup.in
Mrunali Pagdhare	Production	+91-22-6704 8057	mrunalip@systematixgroup.in
Vijayendra Achrekar	Production	+91-22-6704 8089	vijayendraachrekar@systematixgroup.in
Operations			
Sachin Malusare	Vice President	+91-22-6704 8055	sachinmalusare@systematixgroup.in
Jignesh Mistry	Manager	+91-22-6704 8049	jigneshmistry@systematixgroup.in
Hiren Patel	Assistant Manager	+91-22-6704 8056	hirenpatel@systematixgroup.in

DISCLOSURES/APPENDIX

I. ANALYST CERTIFICATION

I, **Shweta Dikshit, Hinal Kothari**, hereby certify that (1) views expressed in this research report accurately reflect my/our personal views about any or all of the subject securities or issuers referred to in this research report, (2) no part of my/our compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report by **Systematix Shares and Stocks (India) Limited (SSSIL)** or its group/associate companies, (3) reasonable care is taken to achieve and maintain independence and objectivity in making any recommendations.

Disclosure of Interest Statement	Update
Analyst holding in the stock	No
Served as an officer, director or employee	No

II. ISSUER SPECIFIC REGULATORY DISCLOSURES, unless specifically mentioned in point no. 9 below:

1. The research analyst(s), SSSIL, associates or relatives do not have any financial interest in the company(ies) covered in this report.
2. The research analyst(s), SSSIL, associates or relatives collectively do not hold more than 1% of the securities of the company(ies) covered in this report as of the end of the month immediately preceding the distribution of the research report.
3. The research analyst(s), SSSIL, associates or relatives did not have any other material conflict of interest at the time of publication of this research report.
4. The research analyst, SSSIL and its associates have not received compensation for investment banking or merchant banking or brokerage services or any other products or services from the company(ies) covered in this report in the past twelve months.
5. The research analyst, SSSIL or its associates have not managed or co-managed a private or public offering of securities for the company(ies) covered in this report in the previous twelve months.
6. SSSIL or its associates have not received compensation or other benefits from the company(ies) covered in this report or from any third party in connection with this research report.
7. The research analyst has not served as an officer, director or employee of the company(ies) covered in this research report.
8. The research analyst and SSSIL have not been engaged in market making activity for the company(ies) covered in this research report.
9. Details of SSSIL, research analyst and its associates pertaining to the companies covered in this research report:

Sr. No.	Particulars	Yes / No.
1	Whether compensation was received from the company(ies) covered in the research report in the past 12 months for investment banking transaction by SSSIL.	No
2	Whether research analyst, SSSIL or its associates and relatives collectively hold more than 1% of the company(ies) covered in the research report.	No
3	Whether compensation has been received by SSSIL or its associates from the company(ies) covered in the research report.	No
4	Whether SSSIL or its affiliates have managed or co-managed a private or public offering of securities for the company(ies) covered in the research report in the previous twelve months.	No
5	Whether research analyst, SSSIL or associates have received compensation for investment banking or merchant banking or brokerage services or any other products or services from the company(ies) covered in the research report in the last twelve months.	No

10. There is no material disciplinary action taken by any regulatory authority that impacts the equity research analysis activities.

STOCK RATINGS

BUY (B): The stock's total return is expected to exceed 15% over the next 12 months.

HOLD (H): The stock's total return is expected to be within -15% to +15% over the next 12 months.

SELL (S): The stock's total return is expected to give negative returns of more than 15% over the next 12 months.

NOT RATED (NR): The analyst has no recommendation on the stock under review.

INDUSTRY VIEWS

ATTRACTIVE (AT): Fundamentals/valuations of the sector are expected to be attractive over the next 12-18 months.

NEUTRAL (NL): Fundamentals/valuations of the sector are expected to neither improve nor deteriorate over the next 12-18 months.

CAUTIOUS (CS): Fundamentals/valuations of the sector are expected to deteriorate over the next 12-18 months.

III. DISCLAIMER

The information and opinions contained herein have been compiled or arrived at based on the information obtained in good faith from sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy completeness or correctness.

This document is for information purposes only. This report is based on information that we consider reliable; we do not represent that it is accurate or complete and one should exercise due caution while acting on it. Description of any company(ies) or its/their securities mentioned herein are not complete and this document is not and should not be construed as an offer or solicitation of an offer to buy or sell any securities or other financial instruments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. All opinions, projections and estimates constitute the judgment of the author as on the date of the report and these, plus any other information contained in the report, are subject to change without notice. Prices and availability of financial instruments are also subject to change without notice. This report is intended for distribution to institutional investors.

This report is not directed to or intended for display, downloading, printing, reproducing or for distribution to or use by, any person or entity that is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, reproduction, availability or use would be contrary to law or regulation or what would subject to SSSIL or its affiliates to any registration or licensing requirement within such jurisdiction. If this report is inadvertently sent or has reached any individual in such country, especially USA, the same may be ignored and brought to the attention of the sender. Neither this document nor any copy of it may be taken or transmitted into the United States (to U.S. persons), Canada, or Japan or distributed, directly or indirectly, in the United States or Canada or distributed or redistributed in Japan or to any resident thereof. Any unauthorized use, duplication, redistribution or

disclosure of this report including, but not limited to, redistribution by electronic mail, posting of the report on a website or page, and/or providing to a third party a link, is prohibited by law and will result in prosecution. The information contained in the report is intended solely for the recipient and may not be further distributed by the recipient to any third party.

SSSL generally prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, SSSL generally prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that they cover. Our salespeople, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein. Our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. The views expressed in this research report reflect the personal views of the analyst(s) about the subject securities or issues and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report. The compensation of the analyst who prepared this document is determined exclusively by SSSL; however, compensation may relate to the revenues of the Systematix Group as a whole, of which investment banking, sales and trading are a part. Research analysts and sales persons of SSSL may provide important inputs to its affiliated company(ies).

Foreign currencies denominated securities, wherever mentioned, are subject to exchange rate fluctuations which could have an adverse effect on their value or price or the income derived from them. In addition, investors in securities such as ADRs, the values of which are influenced by foreign currencies, effectively assume currency risk. SSSL, its directors, analysts or employees do not take any responsibility, financial or otherwise, of the losses or the damages sustained due to the investments made or any action taken on the basis of this report including but not restricted to fluctuation in the prices of shares and bonds, changes in the currency rates, diminution in the NAVs, reduction in the dividend or income, etc.

SSSL and its affiliates, officers, directors, and employees subject to the information given in the disclosures may: (a) from time to time, have long or short positions in, and buy or sell, the securities thereof, of company (ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation (financial interest) or act as a market maker in the financial instruments of the company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) or have other potential material conflict of interest with respect to any recommendation and related information and opinions. The views expressed are those of the analyst and the company may or may not subscribe to the views expressed therein.

SSSL, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall SSSL, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. The company accepts no liability whatsoever for the actions of third parties. The report may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the report refers to website material of the company, the company has not reviewed the linked site. Accessing such website or following such link through the report or the website of the company shall be at your own risk and the company shall have no liability arising out of, or in connection with, any such referenced website.

SSSL will not be liable for any delay or any other interruption which may occur in presenting the data due to any technical glitch to present the data. In no event shall SSSL be liable for any damages, including without limitation, direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by SSSL through this presentation.

SSSL or any of its other group companies or associates will not be responsible for any decisions taken on the basis of this report. Investors are advised to consult their investment and tax consultants before taking any investment decisions based on this report.

Registration granted by SEBI to SSSL and certification from NISM to the analyst in no way guarantee performance of SSSL or to provide any assurance of returns to investors.



Systematix Shares and Stocks (India) Limited:

Registered and Corporate address: The Capital, A-wing, No. 603 – 606, 6th Floor, Plot No. C-70, G Block, Bandra Kurla Complex, Bandra (East), Mumbai – 400 051

Tel no. 022-66198000/40358000 Fax no. 022-66198029/40358029 Email id contactus@systematixgroup.in. Visit us at: www.systematixgroup.in

Details of Compliance officer: Ms Nipa Savla, Compliance officer Tel no. 022-66198092/4035808092 Email id compliance@systematixgroup.in

Details of Email id grievance redressal cell : grievance@systematixgroup.in

Details of Registration : CIN - U65993MH1995PLC268414 | BSE SEBI Reg. No.: INZ000171134 (Member Code: 182) | NSE SEBI Reg. No.: INZ000171134 (Member Code: 11327) | MCX SEBI

Reg. No.: INZ000171134 (Member Code: 56625) | NCDEX SEBI Reg. No.: INZ000171134 (Member Code: 1281) | Depository Participant SEBI Reg. No.: IN-DP-480-2020 (DP Id: 12034600) |

PMS SEBI Reg. No.: INP000002692 | Research Analyst SEBI Reg. No.: INH200000840 | AMFI : ARN - 64917