

30 May 2024

## Cummins

*Strong performance; retaining a Buy*

With Rs23bn/4.8bn/5.1bn Q4 revenue/EBITDA/PAT, up 20/49/62%, Cummins reported a strong Q4, roundly beating our expectations. Its Q4 EBITDA margin was 20.9%, adjusted for a one-time Rs600m benefit, including a management cross charge and reversal of advance tax paid. The gross margin was a strong 36%, to hold at ~35% ahead. Revenue from data centres, a key growth area, is near 10%. We revise our estimates to account for the higher (sustainable) EBITDA margin and export revival from H2 FY25. We raise our FY25e/26e EPS 1.4%/1.5% and value the stock on a sum-of-parts basis, with standalone PE at 42x (from 36x) and value of partners/Associates/rental property at Rs939/sh. Thus, we retain our Buy and raise our TP to Rs4,166 (earlier Rs3,538).

**Revenue to grow twice the GDP growth rate.** Management reiterated its near-term annual revenue growth guidance at twice the GDP growth rate, supported by strong demand across segments, especially data centres, infrastructure, realty and manufacturing. Exports at 19% of FY24 revenue slid 18% y/y and are expected to bounce back in H2 FY25, with full recovery in FY26. The long-term plan is for exports of 35% of revenue.

**Operating margin to be higher.** The FY24 EBITDA margin was 19%, adjusted for a one-time Rs600m benefit. The gross margin was 35.5% and is expected at ~35%. This would be affected by rising commodity prices and boosted by higher realisation in CPCB 4+ gensets.

**Valuation.** We model revenue/EBITA/Adj. PAT clocking 18/17/15% CAGRs over FY24-26. At the CMP of Rs3,592, the stock trades at 56x/47x FY25e/26e EPS of Rs 64/77. We have added the value of partners/Associates and rental property, all contributing Rs939/sh. We maintain a Buy, with a 12-mth TP of Rs4,166. **Risks:** Competition catching up on CPCB 4+ transition faster than expected and undercutting in prices. The company cut prices to maintain its market share due to stiffer-than-anticipated competition. Also, exports being tepid for longer than expected could be a risk.

Key financials (YE Mar)	FY22	FY23	FY24	FY25e	FY26e
Sales (Rs m)	61,404	77,444	89,586	105,131	125,632
Net profit (Rs m)	7,493	11,441	16,023	17,851	21,301
EPS (Rs)	27	41	58	64	77
P/E (x)	42	39	28	56	47
EV / EBITDA (x)	35	36	26	50	42
P / BV (x)	6	8	7	14	13
RoE (%)	16	22	28	27	29
RoCE (%)	16	21	27	27	28
Dividend yield (%)	1.41	1.38	1.90	0.99	1.18
Net debt / Equity (x)	(0.2)	(0.2)	(0.2)	(0.3)	(0.3)

Source: Company, Anand Rathi Research

Anand Rathi Share and Stock Brokers Limited (hereinafter "ARSSBL") is a full-service brokerage and equities-research firm and the views expressed therein are solely of ARSSBL and not of the companies which have been covered in the Research Report. This report is intended for the sole use of the Recipient. Disclosures and analyst certifications are present in the Appendix.

Rating: **Buy**

Target Price: Rs.4,166

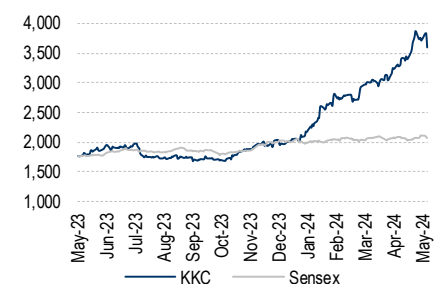
Share Price: Rs.3,592

Key data	KKC IN
52-week high / low	Rs3900 / 1590
Sensex / Nifty	73886 / 22489
3-m average volume	\$23.8m
Market cap	Rs997bn / \$11967m
Shares outstanding	277m

Shareholding pattern (%)	Mar'24	Dec'23	Sep'23
Promoters	51.00	51.00	51.00
- of which, Pledged			
Free float	49.00	49.00	49.00
- Foreign institutions	17.36	16.51	16.46
- Domestic institutions	23.00	23.56	22.18
- Public	8.64	8.93	10.36

Estimates revision (%)	FY25e	FY26e
Sales	0.0	1.1
EBITDA	2.4	1.2
Adj. PAT	1.4	1.5

### Relative price performance



Source: Bloomberg

**Manoj Rawat**  
Research Analyst

## Quick Glance – Financials and Valuations (standalone)

**Fig 1 – Income statement (Rs m)**

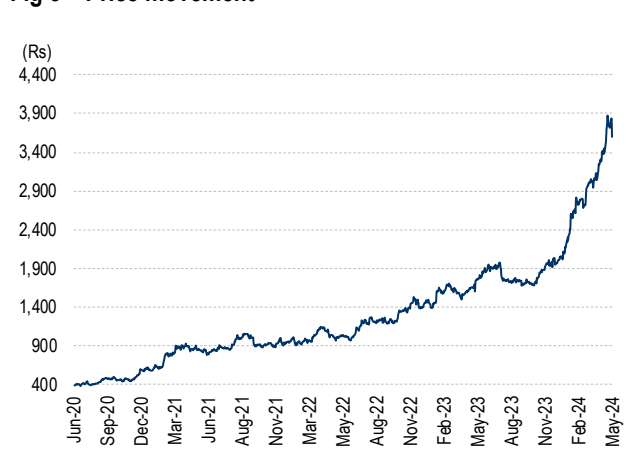
Year-end: Mar	FY22	FY23	FY24	FY25e	FY26e
<b>Net Revenues</b>	<b>61,404</b>	<b>77,444</b>	<b>89,586</b>	<b>105,131</b>	<b>125,632</b>
Growth (%)	42	26	16	17	20
Material Cost	41,068	52,309	57,701	68,335	81,912
Employee & other expenses	11,535	12,709	14,872	17,136	20,478
<b>EBITDA</b>	<b>8,802</b>	<b>12,426</b>	<b>17,014</b>	<b>19,659</b>	<b>23,242</b>
EBITDA margins (%)	14.3	16.0	19.0	18.7	18.5
Depreciation	1,340	1,405	1,576	1,587	1,677
Other income	2,875	4,200	5,678	5,836	6,913
Interest expense	115	158	268	233	227
<b>PBT (before Exce. Item)</b>	<b>10,221</b>	<b>15,064</b>	<b>20,848</b>	<b>23,676</b>	<b>28,251</b>
Effective tax rate (%)	24	24	23	25	25
+ Associates/(Minorities)	-	-	-	-	-
<b>Net Income</b>	<b>8,867</b>	<b>11,298</b>	<b>16,606</b>	<b>17,851</b>	<b>21,301</b>
<b>Adjusted net income</b>	<b>7,493</b>	<b>11,441</b>	<b>16,023</b>	<b>17,851</b>	<b>21,301</b>
<b>Exceptional Item</b>	<b>1,373</b>	<b>(143)</b>	<b>583</b>	<b>-</b>	<b>-</b>
WANS	277	277	277	277	277
FDEPS (Rs/share)	27	41	58	64	77
EPS growth (%)	12	15	18	17	17

**Fig 3 – Cash-flow statement (Rs m)**

Year-end: Mar	FY22	FY23	FY24	FY25e	FY26e
<b>PBT</b>	<b>9,051</b>	<b>11,401</b>	<b>16,459</b>	<b>17,851</b>	<b>21,301</b>
+ Non-cash items	1,340	1,405	1,576	1,587	1,677
Oper. profit before WC changes	10,391	12,805	18,035	19,439	22,978
- Incr. / (decr.) in WC	-683.5	-2,591	-1844.6	-1,607	-3,101
Others including taxes	-2,637	-2,104	-3,390	-5,603	-6,686
Operating cash-flow	7,071	8,111	12,801	12,228	13,192
- Capex (tangible + Intangible)	705.1	-1,540	-2,790	-2,000	-1,500
Free cash-flow	7,776	6,571	10,010	10,228	11,692
Acquisitions	-7,597	376.4	-2966.9	0	0
- Div. (incl. buyback & taxes)	-4,435	-6,237	-8,593	-9,818	-11,716
+ Equity raised	0	0	0	0	0
+ Debt raised	3,777	-432.7	-2500.4	500	500
- Interest expense	-73.7	-125.8	-172.6	-233.2	-226.6
- Misc. Items (CFI and CFF)	987.8	1,808	3,024	5,836	6,913
<b>Net cash-flow</b>	<b>434.4</b>	<b>1,961</b>	<b>-1,198</b>	<b>6,513</b>	<b>7,162</b>

Source: Company, Anand Rathi Research

**Fig 5 – Price movement**



Source: Bloomberg

**Fig 2 – Balance sheet (Rs m)**

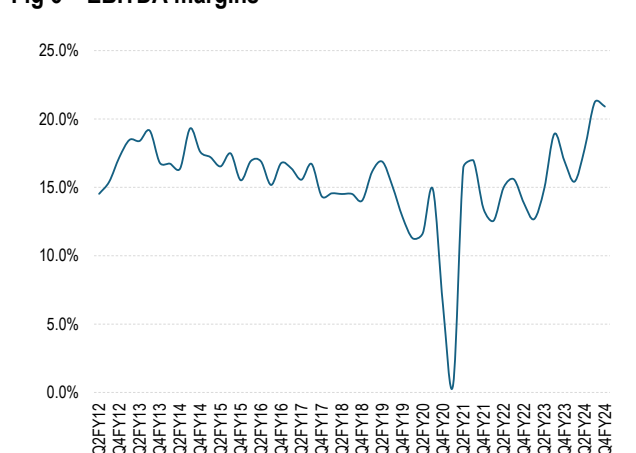
Year-end: Mar	FY22	FY23	FY24	FY25e	FY26e
Share capital	554	554	554	554	554
Net worth	48,527	53,680	61,631	69,664	79,250
Debt	3,933	3,500	1,000	1,500	2,000
Minority interest	-	-	-	-	-
Deferred tax Liability/(Asset)	971	1,057	941	941	941
Other non-current liability	1,229	1,630	2,056	2,056	2,056
<b>Capital employed</b>	<b>54,660</b>	<b>59,867</b>	<b>65,628</b>	<b>74,161</b>	<b>84,246</b>
Net block (incl. intangible)	12,254	12,030	13,178	13,591	13,414
CWIP (tang. and intang.)	608	413	968	968	968
Investments	10,164	10,563	11,797	11,797	11,797
Current Assets (ex-C&CE)	30,758	38,307	43,995	49,406	56,784
Cash	14,267	13,808	15,047	21,560	28,722
Current Liabilities	13,391	15,253	19,357	23,161	27,439
Working capital	17,367	23,054	24,638	26,245	29,346
<b>Capital deployed</b>	<b>54,660</b>	<b>59,867</b>	<b>65,628</b>	<b>74,161</b>	<b>84,246</b>

**Fig 4 – Ratio analysis**

Year-end: Mar	FY22	FY23	FY24	FY25e	FY26e
P/E (x)	42	39	28	56	47
EV/EBITDA (x)	35	36	26	50	42
EV/sales (x)	5	6	5	9	8
P/B (x)	6	8	7	14	13
RoE (%)	16	22	28	27	29
RoCE (%) - After tax	16	21	27	27	28
RoIC (%) - After tax	20	25	32	34	38
DPS (Rs per share)	16	23	31	35	42
Dividend yield (%)	1.4	1.4	1.9	1.0	1.2
Net debt/equity (x)	(0.2)	(0.2)	(0.2)	(0.3)	(0.3)
Receivables (days)	74	75	85	77	77
Inventory (days)	43	42	38	39	39
Payables (days)	59	54	57	52	52
CFO:PAT%	96	108	66	61	78

Source: Company, Anand Rathi Research

**Fig 6 – EBITDA margins**



Source: Company

## Q4 FY24 Concall KTAs

- A one-time Rs600m cost benefit in other expenses related to a reversal of advance taxes and management cross charge.
- Growth is expected at twice the GDP growth rate, ie ~15% for the next five years on the doubling of capacity in core infra across the country.
- The CPCB 4+ powergen contribution was 33% in Q4 (25% in Q3).
- Pre-buy of CPCB 2 is unlikely in Q1 FY25, because the cost of CPCB 2 plus the retro-fitted devices is more than that of CPCB 4+, as around six companies now have CPCB 4+ portfolios.
- Dealers inventory of CPCB 2 gensets are below average.
- Volume growth in FY24 was 30% y/y. This is the highest and includes the effect of pre-buy.
- Data centre contribution is near 10% of revenue. This is a high-growth segment, with greater opportunities when the export market recovers fully.
- Exports are expected to be weak and to recover from H2 FY25. Full recovery is expected from FY26, and the long-term plan is to take the export contribution to 35%, from 19% in FY24.
- Industrial sub-segments such as construction, compressors and marine bounced back from low growth; overall growth in the industrials segment was 24% y/y.
- The powergen segment's growth was a strong 32% y/y, supported by strong growth in data centres, infrastructure, real estate, and manufacturing.
- The distribution segment grew 25% y/y, supported by strong growth in spares and after-market parts, AMCs, and other sub-segments.
- Capacity utilisation: installed 50%; manned 90%.
- Due to greater capacity, the average lead time fell to 30 days in FY24 from 60 earlier.
- Localisation is >75% as a few electronic items and parts are not yet being manufactured in India.
- Commodity prices are inching up. The gross margin would hold at ~35%.
- Within the rail sub-segment, progress was seen in CPCB 4+ compliant products used in hotel load converters, power cars, DETC propulsion sets, etc.
- Liquidity of ~Rs27bn would be used for dividends, investing in future products and as a war chest for new products.
- The company has a very low share from telcos, which use low-rated genset. It intends to increase market share there.
- The impact of CPCB4+ on the gross margin would be clear after Q2FY25.

## Quarterly Summary

Fig 7 – Quarterly

Particulars (Rs m)	Q4 FY24	Q4 FY23	% Y/Y	Q3 FY24	% Q/Q	FY24	FY23	% Y/Y
<b>Revenues</b>	<b>23,162</b>	<b>19,260</b>	<b>20</b>	<b>25,341</b>	<b>-9</b>	<b>89,586</b>	<b>77,444</b>	<b>16</b>
Material costs	14,821	12,955	14	15,955	-7	57,701	52,309	10
Employee costs	1,889	1,566	21	2,090	-10	7,793	6,298	24
Other expenses	1,609	1,479	9	1,916	-16	7,079	6,411	10
<b>EBITDA</b>	<b>4,843</b>	<b>3,261</b>	<b>49</b>	<b>5,379</b>	<b>-10</b>	<b>17,014</b>	<b>12,426</b>	<b>37</b>
Depreciation	420	372	13	419	0	1,576	1,405	12
<b>EBIT</b>	<b>4,422</b>	<b>2,888</b>	<b>53</b>	<b>4,960</b>	<b>-11</b>	<b>15,437</b>	<b>11,022</b>	<b>40</b>
Finance costs	62	66	-6	63	-2	268	158	70
Other income	2,045	1,306	57	1,136	80	5,678	4,200	35
EO items	600	-		(17)		583	(143)	
<b>PBT</b>	<b>7,006</b>	<b>4,129</b>	<b>70</b>	<b>6,017</b>	<b>16</b>	<b>21,431</b>	<b>14,921</b>	<b>44</b>
Tax	1,390	944	47	1,467	-5	4,824	3,623	33
<b>Rep. PAT</b>	<b>5,615</b>	<b>3,185</b>	<b>76</b>	<b>4,549</b>	<b>23</b>	<b>16,606</b>	<b>11,298</b>	<b>47</b>
<b>Adj. PAT</b>	<b>5,165</b>	<b>3,185</b>	<b>62</b>	<b>4,562</b>	<b>13</b>	<b>16,170</b>	<b>11,405</b>	<b>42</b>

Margin analysis, %	y/y (bps)			q/q (bps)			y/y (bps)	
Gross margins	36.0	32.7	328	37.0	(103)	35.6	32.5	314
Employee cost (% of sales)	8.2	8.1	3	8.2	(9)	8.7	8.1	57
Other expenses (% of sales)	6.9	7.7	(73)	7.6	(61)	7.9	8.3	(38)
<b>EBITDA margins</b>	<b>20.9</b>	<b>16.9</b>	<b>398</b>	<b>21.2</b>	<b>(32)</b>	<b>19.0</b>	<b>16.0</b>	<b>295</b>
Tax rates	19.8	22.9	(302)	24.4	(454)	22.5	24.3	(177)
<b>Adj. PAT margins</b>	<b>22.3</b>	<b>16.5</b>	<b>576</b>	<b>18.0</b>	<b>430</b>	<b>18.0</b>	<b>14.7</b>	<b>332</b>

Source: Company, Anand Rathi Research

## Valuation

We model revenue/EBITA/Adj. PAT clocking 18/17/15% CAGRs over FY24-26. At the CMP of Rs3,592, the stock trades at 56x/47x FY25e/26e EPS of Rs64/77. We have added the value of partners/Associates and rental property, all contributing Rs939/sh. We maintain a Buy, with a 12-mth TP of Rs4,166.

**Fig 8 – Change in estimates**

(Rs m)	FY25e			FY26e		
	New	Old	% change	New	Old	% change
Net sales	105,131	105,131	0.0	125,632	124,261	1.1
EBITDA	19,659	19,204	2.4	23,242	22,962	1.2
EBITDA margins %	18.7	18.3	43bps	18.5	18.5	2bps
Adj. PAT	17,851	17,601	1.4	21,301	20,984	1.5
Adj. PAT margins	17.0	16.7	24bps	17.0	16.9	7bps
EPS	64	63	1.4	77	76	1.5

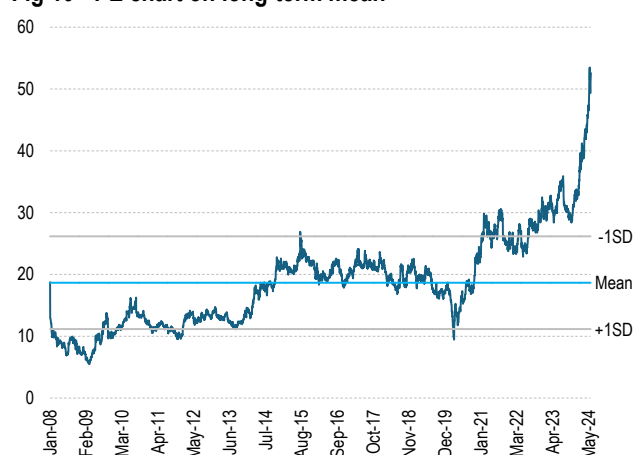
Source: Anand Rathi Research

**Fig 9 – Valuation Table**

Entity	Valuation Method	Multiple (x)	Stake (%)	Core EPS (Rs / sh)	Core EPS- CIL share (Rs)	Value Rs/sh
Cummins, India (standalone)	P/E	42	100	76.8	76.8	3,227
Cummins sales & service	P/E	42	100	0.3	0.3	15
Valvoline Cummins JV	P/E	42	50	15.2	7.6	318
Cummins Generator Technologies	P/E	42	48.5	26.8	13.0	546
Rental income, captive	Cap rate	8.5%	100			60
<b>Sum-of-parts (Rs / sh)</b>						<b>4,166</b>

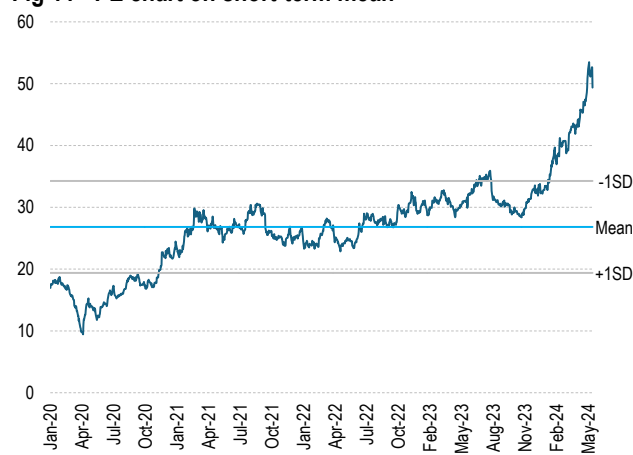
Source: Anand Rathi Research

**Fig 10 - PE chart on long-term mean**



Source: Bloomberg

**Fig 11 - PE chart on short-term mean**



Source: Bloomberg

## Risks

- Competition catching up on CPCB 4+ transition faster than expected and undercutting of prices.
- The company cutting prices to maintain market share owing to stiffer-than-anticipated competition.
- Exports remaining tepid for longer than expected.

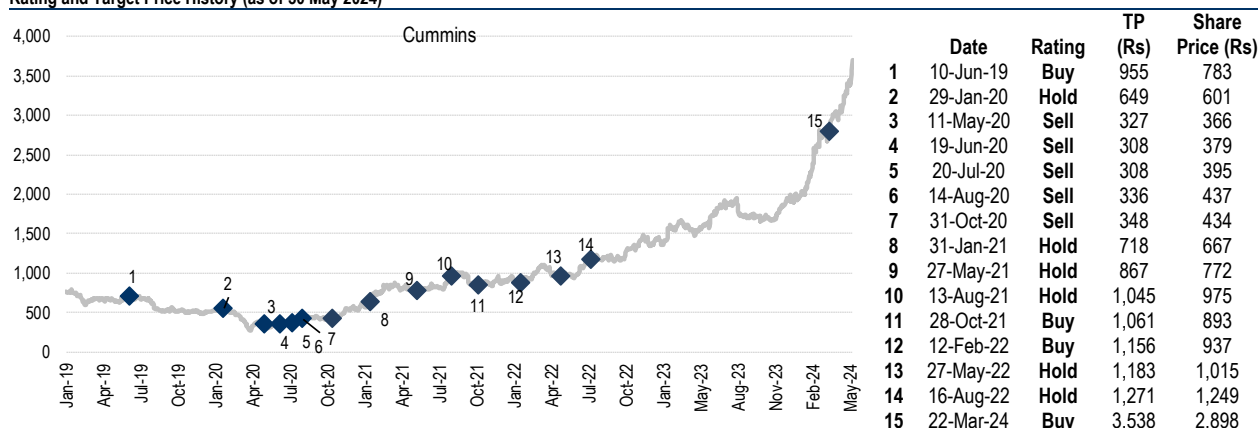
## Appendix

### Analyst Certification

The views expressed in this Research Report accurately reflect the personal views of the analyst(s) about the subject securities or issuers and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. The research analysts are bound by stringent internal regulations and also legal and statutory requirements of the Securities and Exchange Board of India (hereinafter "SEBI") and the analysts' compensation are completely delinked from all the other companies and/or entities of Anand Rathi, and have no bearing whatsoever on any recommendation that they have given in the Research Report.

### Important Disclosures on subject companies

#### Rating and Target Price History (as of 30 May 2024)



### Anand Rathi Ratings Definitions

Analysts' ratings and the corresponding expected returns take into account our definitions of Large Caps, Mid Caps & Small Caps as described in the Ratings Table below:

#### Ratings Guide (12 months)

	Buy	Hold	Sell
Large Caps (Top 100 companies)	>15%	0-15%	<0%
Mid Caps (101st-250th company)	>20%	0-20%	<0%
Small Caps (251st company onwards)	>25%	0-25%	<0%

### Research Disclaimer and Disclosure inter-alia as required under Securities and Exchange Board of India (Research Analysts) Regulations, 2014

Anand Rathi Share and Stock Brokers Ltd. (hereinafter refer as ARSSBL) (Research Entity, SEBI Regn No. INH000000834, Date of Regn. 29/06/2015) is a subsidiary of the Anand Rathi Financial Services Ltd. ARSSBL is a corporate trading and clearing member of Bombay Stock Exchange Ltd (BSE), National Stock Exchange of India Ltd. (NSEIL), Metropolitan Stock Exchange of India Ltd. (MSE), and also depository participant with National Securities Depository Ltd (NSDL) and Central Depository Services Ltd. (CDSL), ARSSBL is engaged into the business of Stock Broking, Depository Participant, Mutual Fund distributor.

The research analysts, strategists, or research associates principally responsible for the preparation of Anand Rathi research have received compensation based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors and firm revenues.

**General Disclaimer:** This Research Report (hereinafter called "Report") is meant solely for use by the recipient and is not for circulation. This Report does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. The recommendations, if any, made herein are expression of views and/or opinions and should not be deemed or construed to be neither advice for the purpose of purchase or sale of any security, derivatives or any other security through ARSSBL nor any solicitation or offering of any investment/trading opportunity on behalf of the issuer(s) of the respective security (ies) referred to herein. These information / opinions / views are not meant to serve as a professional investment guide for the readers. No action is solicited based upon the information provided herein. Recipients of this Report should rely on information/data arising out of their own investigations. Readers are advised to seek independent professional advice and arrive at an informed trading/investment decision before executing any trades or making any investments. This Report has been prepared on the basis of publicly available information, internally developed data and other sources believed by ARSSBL to be reliable. ARSSBL or its directors, employees, affiliates or representatives do not assume any responsibility for, or warrant the accuracy, completeness, adequacy and reliability of such information / opinions / views. While due care has been taken to ensure that the disclosures and opinions given are fair and reasonable, none of the directors, employees, affiliates or representatives of ARSSBL shall be liable for any direct, indirect, special, incidental, consequential, punitive or exemplary damages, including lost profits arising in any way whatsoever from the information / opinions / views contained in this Report. The price and value of the investments referred to in this Report and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance. ARSSBL does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding taxation aspects of any potential investment.

Opinions expressed are our current opinions as of the date appearing on this Research only. We do not undertake to advise you as to any change of our views expressed in this Report. Research Report may differ between ARSSBL's RAs and/ or ARSSBL's associate companies on account of differences in research methodology, personal judgment and difference in time horizons for which recommendations are made. User should keep this risk in mind and not hold ARSSBL, its employees and associates responsible for any losses, damages of any type whatsoever.



ARSSBL and its associates or employees may; (a) from time to time, have long or short positions in, and buy or sell the investments in/ security of company (ies) mentioned herein or (b) be engaged in any other transaction involving such investments/ securities of company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) these and other activities of ARSSBL and its associates or employees may not be construed as potential conflict of interest with respect to any recommendation and related information and opinions. Without limiting any of the foregoing, in no event shall ARSSBL and its associates or employees or any third party involved in, or related to computing or compiling the information have any liability for any damages of any kind.

Details of Associates of ARSSBL and Brief History of Disciplinary action by regulatory authorities & its associates are available on our website i.e. [www.rathionline.com](http://www.rathionline.com)

**Disclaimers in respect of jurisdiction:** This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject ARSSBL to any registration or licensing requirement within such jurisdiction(s). No action has been or will be taken by ARSSBL in any jurisdiction (other than India), where any action for such purpose(s) is required. Accordingly, this Report shall not be possessed, circulated and/or distributed in any such country or jurisdiction unless such action is in compliance with all applicable laws and regulations of such country or jurisdiction. ARSSBL requires such recipient to inform himself about and to observe any restrictions at his own expense, without any liability to ARSSBL. Any dispute arising out of this Report shall be subject to the exclusive jurisdiction of the Courts in India.

#### Statements on ownership and material conflicts of interest, compensation - ARSSBL and Associates

##### Answers to the Best of the knowledge and belief of ARSSBL/ its Associates/ Research Analyst who is preparing this report

Research analyst or research entity or his associate or his relative has any financial interest in the subject company and the nature of such financial interest.	No
ARSSBL/its Associates/ Research Analyst/ his Relative have actual/beneficial ownership of one per cent or more securities of the subject company, at the end of the month immediately preceding the date of publication of the research report?	No
ARSSBL/its Associates/ Research Analyst/ his Relative have actual/beneficial ownership of one per cent or more securities of the subject company	No
ARSSBL/its Associates/ Research Analyst/ his Relative have any other material conflict of interest at the time of publication of the research report?	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have managed or co-managed public offering of securities for the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation or other benefits from the subject company or third party in connection with the research report	No
ARSSBL/its Associates/ Research Analyst/ his Relative have served as an officer, director or employee of the subject company.	No
ARSSBL/its Associates/ Research Analyst/ his Relative has been engaged in market making activity for the subject company.	No

#### Other Disclosures pertaining to distribution of research in the United States of America

Research report is a product of Anand Rathi Share and Stock Brokers Ltd. (hereinafter refer as ARSSBL) under Marco Polo Securities 15a6 chaperone service which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

Research reports are intended for distribution by only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, ARSSBL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo").

1. ARSSBL or its Affiliates may or may not have been beneficial owners of the securities mentioned in this report.
2. ARSSBL or its affiliates may have or not managed or co-managed a public offering of the securities mentioned in the report in the past 12 months.
3. ARSSBL or its affiliates may have or not received compensation for investment banking services from the issuer of these securities in the past 12 months and do not expect to receive compensation for investment banking services from the issuer of these securities within the next three months.
4. However, one or more of ARSSBL or its Affiliates may, from time to time, have a long or short position in any of the securities mentioned herein and may buy or sell those securities or options thereon, either on their own account or on behalf of their clients.
5. ARSSBL or its Affiliates may or may not, to the extent permitted by law, act upon or use the above material or the conclusions stated above, or the research or analysis on which they are based before the material is published to recipients and from time to time, provide investment banking, investment management or other services for or solicit to seek to obtain investment banking, or other securities business from, any entity referred to in this report.

© 2024. This report is strictly confidential and is being furnished to you solely for your information. All material presented in this report, unless specifically indicated otherwise, is under copyright to ARSSBL. None of the material, its content, or any copy of such material or content, may be altered in any way, transmitted, copied or reproduced (in whole or in part) or redistributed in any form to any other party, without the prior express written permission of ARSSBL. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of ARSSBL or its affiliates, unless specifically mentioned otherwise.

As of the publication of this report, ARSSBL does not make a market in the subject securities.

Additional information on recommended securities/instruments is available on request.

Compliance officer-Deepak Kedia, email id - [deepakkedia@rathi.com](mailto:deepakkedia@rathi.com), Contact no. +91 22 6281 7000

Grievance officer-Madhu Jain-email id- [grievance@rathi.com](mailto:grievance@rathi.com), Contact no. +91 22 6281 7191

ARSSBL registered address: Express Zone, A Wing, 9th Floor, Western Express Highway, Diagonally Opposite Oberoi Mall, Malad (E), Mumbai – 400097.  
Tel No: +91 22 6281 7000 | Fax No: +91 22 4001 3770 | CIN: U67120MH1991PLC064106.