

India

**ADD** (no change)

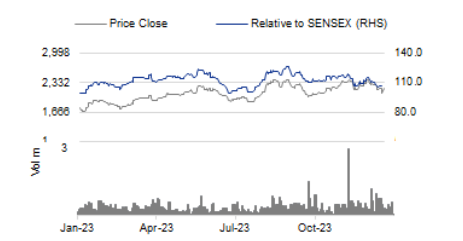
Consensus ratings\*: Buy 26 Hold 3 Sell 3

Current price:	Rs2,205
Target price:	Rs2,700 ▲
Previous target:	Rs2,570
Up/downside:	22.4%
InCred Research / Consensus:	6.0%
Reuters:	DALB.NS
Bloomberg:	DALBHARA IN
Market cap:	US\$4,976m Rs413,552m
Average daily turnover:	US\$10.1m Rs838.6m
Current shares o/s:	187.1m
Free float:	43.5%

\*Source: Bloomberg

**Key changes in this note**

- Maintain EBITDA for FY25F-26F.
- Roll forward and revise the target price to Rs2,700 from Rs2,570 earlier.



Source: Bloomberg

Price performance	1M	3M	12M
Absolute (%)	(1.5)	9.4	27.6
Relative (%)	(0.6)	(2.3)	8.6

Major shareholders	% held
Promoter & Promoter Group	55.9
Nippon Life India	1.2
	0.0

**Research Analyst(s)**

**Nishant BAGRECHA**  
T (91) 22 4161 1564  
E nishant.bagrecha@incredresearch.com

**Saurabh SINGH**  
T (91) 2241611558  
E saurabh.singh@incredresearch.com

# Dalmia Bharat Ltd

## Strong volume results in EBITDA/t beat

- 3QFY24 consolidated EBITDA stood at Rs7.7bn, ~11% above our estimate (up 20% yoy and 32% qoq), mainly driven by better volume and realization.
- DBL to grow in line with the industry in FY24F whereas it targets mid-teen volume growth in FY25F and so on, mostly backed by JPA assets acquisition.
- We broadly maintain our FY24F-25F EBITDA estimates. Retain ADD rating on the stock with a higher TP of Rs2,700 as we roll forward the valuation.

### Targets mid-teen volume growth & pricing discipline in medium term

Dalmia Bharat or DBL's cement sales volume in 3QFY24 grew by 7.8% yoy to 6.8mt (incl. tolling volume of 0.4mt related to JPA assets) while ex-JPA's tolling volume, the growth stood at 2% yoy. The company indicated that it has grown faster in key markets, given the subdued demand in the eastern region. It targets mid-teen volume growth over the medium term. Realization grew ~3.5% qoq led by a marginal price improvement in East/South India while the exit prices in Dec 2023 were closer to Sep 2023 level & further weakness is seen this month. On the industry pricing front, management stated that rising consolidation may lead to better pricing for the sector and could grow by ~1.5-2% CAGR over the long run.

### Unit EBITDA improves to Rs1,140/t; marginal fall in costs likely

Total costs/t stood at Rs4,154, broadly flat qoq, due to lower P&F costs and operating leverage benefits. Fuel consumption costs stood at US\$115/t, in line with the spot level (vs. US\$127/t qoq). On a Kcal basis, they were at Rs1.5 vs. Rs1.58 qoq, and management expects a marginal reduction of 3% in 4QFY24F. Freight costs rose by 7% qoq on the back of a rise in the busy season rail surcharge and the lead distance at 283km (vs. 277km qoq and 303km yoy) while employee costs were impacted by salary increments and additional headcount. Thus, EBITDA/t stood at Rs1,140, up Rs119/Rs183 yoy/qoq. Management expects the industry/company to register EBITDA/t of Rs1,100-1,200 in FY25F.

### Net debt/EBITDA to be <2x despite JPA assets & capacity expansion

Cement capacity should rise to 46.6mtpa by FY24F from 44.6mtpa currently. The medium-term plan of 75mtpa by FY27F is on track, with the details to be announced in the coming months. As regards the long-term perspective, DBL is committed to its earlier announced target capacity of 110-130mtpa by 2031F. On JPA assets acquisition, DBL highlighted that external lenders' approvals are taking longer than anticipated, but it will try to close the transaction in the next 2 months. DBL has retained its annual capex guidance of Rs30-35bn for FY24F-26F (incurred Rs21.3bn in 9M) including Rs35bn for JPA assets buyout.

### Retain ADD rating with a higher TP of Rs2,700; remains our top pick

DBL trades at FY25F/26F EV/EBITDA multiple of 13x/11x, respectively. We retain ADD rating on it with a Mar 2025F target price of Rs2,700 (Rs2,570 earlier), set at a one-year forward EV/EBITDA of 13x (unchanged). Weak demand, pricing pressure, rise in input costs, delay in ramp-up of JPA assets, and any delay in expansion are key downside risks.

### Financial Summary

	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
Revenue (Rsm)	112,860	135,400	145,930	171,085	198,797
Operating EBITDA (Rsm)	24,260	23,160	28,927	35,368	42,608
Net Profit (Rsm)	8,100	13,270	8,447	10,554	14,860
Core EPS (Rs)	43.3	64.4	45.1	56.4	79.4
Core EPS Growth	(31.9%)	48.7%	(29.9%)	24.9%	40.8%
FD Core P/E (x)	50.94	31.09	48.85	39.10	27.77
DPS (Rs)	5.0	5.0	4.5	4.5	5.6
Dividend Yield	0.23%	0.23%	0.20%	0.20%	0.25%
EV/EBITDA (x)	16.44	18.09	15.78	13.08	10.95
P/FCFE (x)	137.53	69.58	(8.75)	16.59	(54.84)
Net Gearing	(8.9%)	3.3%	25.9%	27.9%	28.0%
P/BV (x)	2.57	2.64	2.52	2.38	2.20
ROE	5.6%	7.6%	5.3%	6.3%	8.2%
% Change In Core EPS Estimates			(0.65%)	(0.63%)	(0.56%)
InCred Research/Consensus EPS (x)					

SOURCE: INCRED RESEARCH, COMPANY REPORTS

## Strong volume results in EBITDA/t beat

Figure 1: Consolidated quarterly performance

Particulars (Rs m)	3QFY24	3QFY24F	2QFY24	3QFY23	% Change		
					3QFY24F	2QFY24	3QFY23
<b>Net Sales</b>	<b>36,000</b>	<b>34,009</b>	<b>31,490</b>	<b>33,550</b>	<b>6%</b>	<b>14%</b>	<b>7%</b>
Raw Materials Consumed	6,260	5,602	5,330	3,700	12%	17%	69%
Freight and Forwarding Expenses	7,430	7,030	6,310	7,020	6%	18%	6%
Power and Fuel Costs	7,260	7,321	6,980	9,640	-1%	4%	-25%
Employee Costs	2,210	2,317	2,260	1,930	-5%	-2%	15%
Other Expenses	5,090	4,786	4,720	4,820	6%	8%	6%
<b>Total Expenditure</b>	<b>28,250</b>	<b>27,055</b>	<b>25,600</b>	<b>27,110</b>	<b>4%</b>	<b>10%</b>	<b>4%</b>
<b>EBITDA</b>	<b>7,750</b>	<b>6,954</b>	<b>5,890</b>	<b>6,440</b>	<b>11%</b>	<b>32%</b>	<b>20%</b>
Depreciation	3,700	3,998	4,010	3,250	-7%	-8%	14%
<b>EBIT</b>	<b>4,050</b>	<b>2,955</b>	<b>1,880</b>	<b>3,190</b>	<b>37%</b>	<b>115%</b>	<b>27%</b>
Interest	1,080	1,123	1,010	680	-4%	7%	59%
Other Income	640	729	850	350	-12%	-25%	83%
<b>PBT</b>	<b>3,610</b>	<b>2,561</b>	<b>1,720</b>	<b>2,860</b>	<b>41%</b>	<b>110%</b>	<b>26%</b>
Tax	960	666	480	740	44%	100%	30%
<b>PAT before MI &amp; Associates</b>	<b>2,650</b>	<b>1,895</b>	<b>1,240</b>	<b>2,120</b>	<b>40%</b>	<b>114%</b>	<b>25%</b>
Minority Interest	30	110	50	140			
Profit from Associates	0	0	0	20			
<b>Recurring PAT</b>	<b>2,620</b>	<b>1,785</b>	<b>1,190</b>	<b>2,000</b>	<b>47%</b>	<b>120%</b>	<b>31%</b>
Extraordinary Items	0	0	0	0			
<b>Reported PAT</b>	<b>2,620</b>	<b>1,785</b>	<b>1,190</b>	<b>2,000</b>	<b>47%</b>	<b>120%</b>	<b>31%</b>
EPS (Rs)	14.0	9.6	6.4	10.7	47%	120%	31%
Gross Margin	42%	41%	41%	39%	47 bps	94 bps	249 bps
EBITDA Margin	21.5%	20.4%	18.7%	19.2%	108 bps	282 bps	233 bps
EBIT Margin	11%	9%	6%	10%	256 bps	528 bps	174 bps
PBT Margin	10%	8%	5%	9%	250 bps	457 bps	150 bps
PAT Margin	7%	5%	4%	6%	203 bps	350 bps	132 bps
Tax Rate	27%	26%	28%	26%	59 bps	-131 bps	72 bps
Cost items as % of Sales							
RM Costs	17%	16%	17%	11%	92 bps	46 bps	636 bps
Freight Costs	21%	21%	20%	21%	-3 bps	60 bps	-29 bps
P&F Costs	20%	22%	22%	29%	-136 bps	-200 bps	-857 bps

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

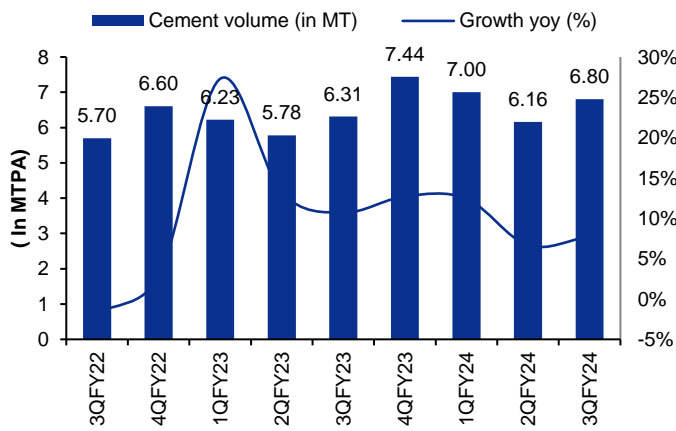
Figure 2: 3QFY24 results on per tonne analysis

Per tonne analysis	3QFY24	3QFY24F	2QFY24	3QFY23	% Change		
					3QFY24F	2QFY24	3QFY23
Sales Volume (Cement + Clinker)	6.80	6.53	6.16	6.31	4.1%	10.4%	7.8%
Realization	5,294	5,205	5,113	5,317	2%	3.5%	-0.4%
EBITDA/t	1,140	1,064	956	1,021	7%	19%	12%
RM Costs/t	921	857	865	586	7%	6%	57%
P&F Costs/t	1,068	1,120	1,133	1,528	-5%	-6%	-30%
Freight Costs/t	1,093	1,076	1,025	1,113	2%	7%	-2%
Employee Costs/t	325	355	367	306	-8%	-11%	6%
Other Expenses/t	749	732	766	764	2%	-2%	-2%
Costs/t	4,154	4,141	4,157	4,296	0.3%	-0.1%	-3.3%

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

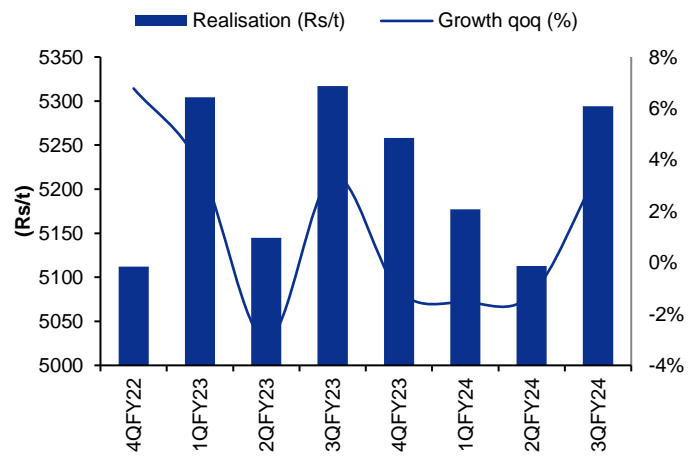
Key quarterly charts ➤

Figure 3: Cement sales volume grew by 7.8% yoy and 10.4% qoq in 3QFY24



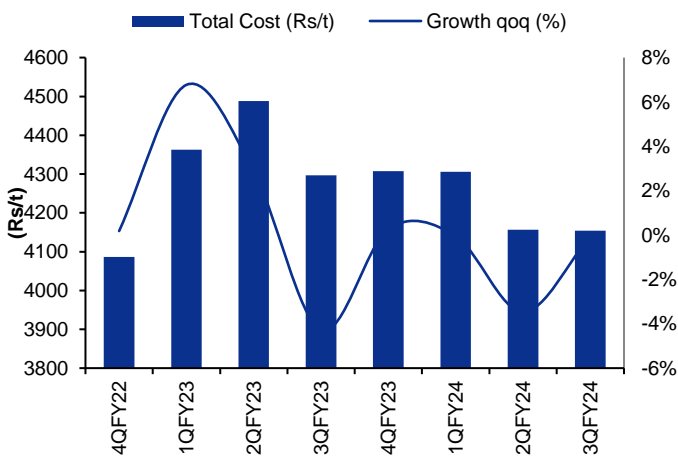
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 4: Cement realization increased by 3.5% qoq in 3QFY24



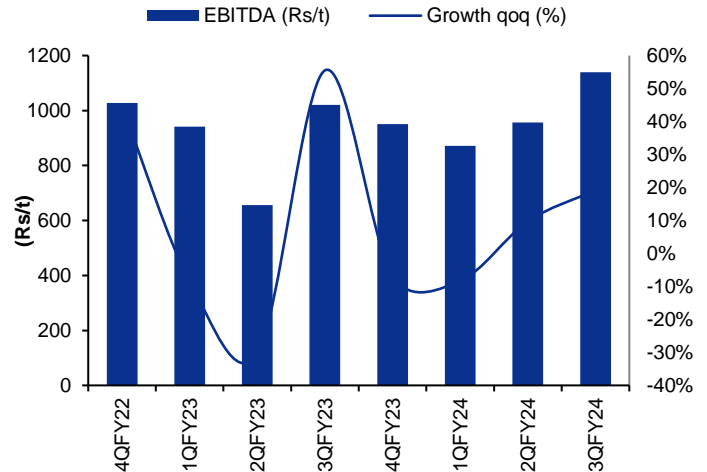
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 5: Operating cost/t declines by ~3% yoy in 3QFY24



SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 6: Unit EBITDA improves by Rs183/t qoq to Rs1,140/t in 3QFY24



SOURCE: INCRED RESEARCH, COMPANY REPORTS

Key changes ➔

Figure 7: Our revised earnings estimates

Rs. m	New			Old			Change (%)		
	FY24F	FY25F	FY26F	FY24F	FY25F	FY26F	FY24F	FY25F	FY26F
Sales	1,45,930	1,71,085	1,98,797	1,48,462	1,76,606	2,04,706	-2%	-3%	-3%
EBITDA	28,927	35,368	42,608	29,723	35,531	42,598	-3%	0%	0%
PAT	8,447	10,554	14,860	8,977	10,691	14,775	-6%	-1%	1%
EPS (Rs.)	47.5	58.8	81.8	50	59	81	-6%	-1%	1%

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 8: Changes in our earnings estimates vs. Bloomberg consensus estimates

Rs. m	Incred			Consensus			Change (%)		
	FY24F	FY25F	FY26F	FY24F	FY25F	FY26F	FY24F	FY25F	FY26F
Sales	1,45,930	1,71,085	1,98,797	1,48,774	1,70,060	1,91,043	-2%	1%	4%
EBITDA	28,927	35,368	42,608	30,009	37,571	44,039	-4%	-6%	-3%
PAT	8,447	10,554	14,860	9,600	13,103	16,654	-12%	-19%	-11%

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS, BLOOMBERG

Figure 9: Key assumptions

	FY22A	FY23A	FY24F	FY25F	FY26F
Volume (in mtpa)	22	24	28	32	37
yoy	7%	10%	13%	17%	14%
Realisation (per tonne)	5,073	5,225	5,330	5,166	5,254
yoy	4%	3%	2%	-3%	2%
Cost (per tonne)	3,991	4,372	4,335	4,195	4,220
yoy	12%	10%	-1%	-3%	1%
EBITDA (per tonne)	1,085	940	1,079	1,093	1,151
yoy	-18%	-13%	15%	1%	5%
EBITDA (Rs m)	22	24	28	32	37
yoy	7%	10%	13%	17%	14%

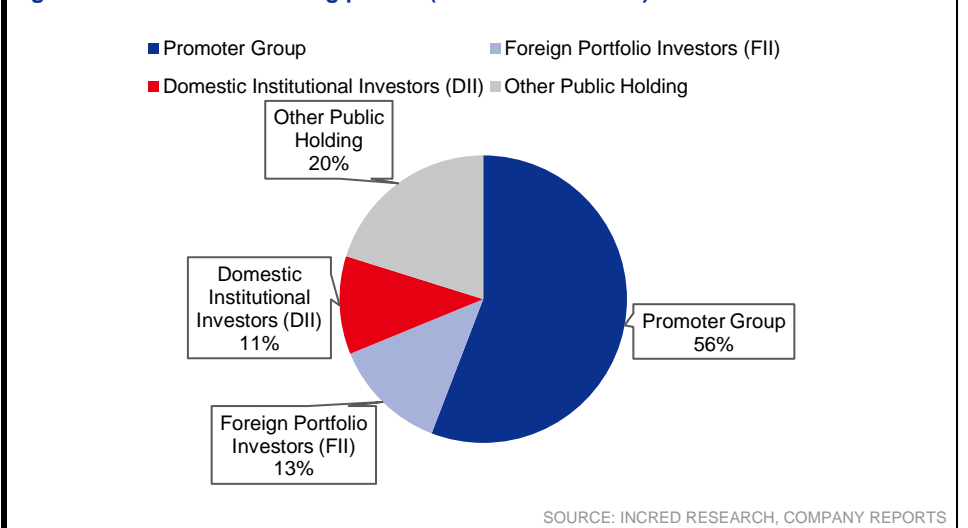
SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 10: Maintain ADD rating with a Mar 2025F target price of Rs2,700, set at a one-year forward EV/EBITDA of 13x (unchanged)

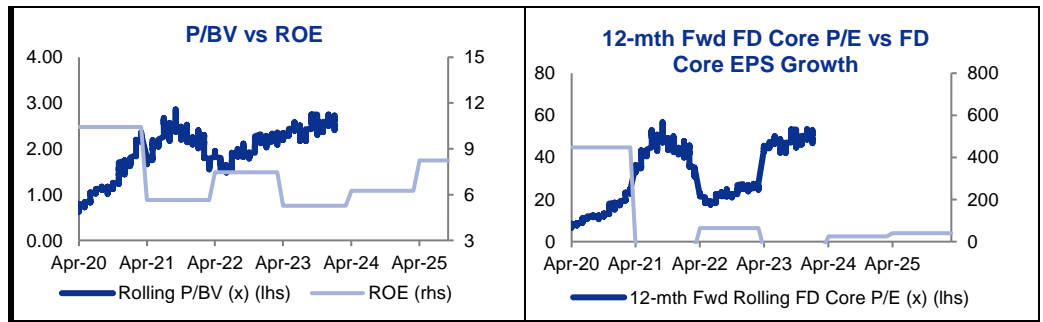
Valuation	TP
Target EV/EBITDA (x)	13.0
Target EV (Rs m)	5,53,903
Net debt / (cash) (Rs m)	48,707
No. of shares (m)	187
Fair value per share (Rs)	2,700

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 11: DBL's shareholding pattern (as of end-Dec 2023)



BY THE NUMBERS



Profit & Loss

(Rs mn)	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
<b>Total Net Revenues</b>	<b>112,860</b>	<b>135,400</b>	<b>145,930</b>	<b>171,085</b>	<b>198,797</b>
<b>Gross Profit</b>	<b>112,860</b>	<b>135,400</b>	<b>145,930</b>	<b>171,085</b>	<b>198,797</b>
<b>Operating EBITDA</b>	<b>24,260</b>	<b>23,160</b>	<b>28,927</b>	<b>35,368</b>	<b>42,608</b>
Depreciation And Amortisation	(12,350)	(13,050)	(15,451)	(17,645)	(19,145)
<b>Operating EBIT</b>	<b>11,910</b>	<b>10,110</b>	<b>13,476</b>	<b>17,723</b>	<b>23,463</b>
Financial Income/(Expense)	(2,020)	(2,340)	(3,978)	(4,575)	(4,529)
Pretax Income/(Loss) from Assoc.	50	5,540			
Non-Operating Income/(Expense)	1,600	1,380	2,512	1,708	1,742
<b>Profit Before Tax (pre-EI)</b>	<b>11,540</b>	<b>14,690</b>	<b>12,009</b>	<b>14,856</b>	<b>20,676</b>
Exceptional Items		1,440			
<b>Pre-tax Profit</b>	<b>11,540</b>	<b>16,130</b>	<b>12,009</b>	<b>14,856</b>	<b>20,676</b>
Taxation	(3,150)	(2,420)	(3,122)	(3,863)	(5,376)
Exceptional Income - post-tax					
<b>Profit After Tax</b>	<b>8,390</b>	<b>13,710</b>	<b>8,887</b>	<b>10,994</b>	<b>15,300</b>
Minority Interests	(290)	(440)	(440)	(440)	(440)
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
<b>Net Profit</b>	<b>8,100</b>	<b>13,270</b>	<b>8,447</b>	<b>10,554</b>	<b>14,860</b>
Recurring Net Profit	8,100	12,046	8,447	10,554	14,860
<b>Fully Diluted Recurring Net Profit</b>	<b>8,100</b>	<b>12,046</b>	<b>8,447</b>	<b>10,554</b>	<b>14,860</b>

Cash Flow

(Rs mn)	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
<b>EBITDA</b>	<b>24,260</b>	<b>23,160</b>	<b>28,927</b>	<b>35,368</b>	<b>42,608</b>
Cash Flow from Invt. & Assoc.					
Change In Working Capital	(1,180)	7,180	7,224	172	(629)
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense	1,600	1,380	2,512	1,708	1,742
Other Operating Cashflow	(230)	(4,440)	(4,440)	(4,440)	(4,440)
Net Interest (Paid)/Received	(2,020)	(2,340)	(3,978)	(4,575)	(4,529)
Tax Paid	(3,150)	(2,420)	(3,122)	(3,863)	(5,376)
<b>Cashflow From Operations</b>	<b>19,280</b>	<b>22,520</b>	<b>27,122</b>	<b>24,370</b>	<b>29,376</b>
Capex	(17,560)	(27,010)	(63,500)	(32,500)	(33,500)
Disposals Of FAs/subsidiaries					
Acq. Of Subsidiaries/investments					
Other Investing Cashflow	7,080	3,750	(44,290)	31,000	(1,000)
<b>Cash Flow From Investing</b>	<b>(10,480)</b>	<b>(23,260)</b>	<b>(107,790)</b>	<b>(1,500)</b>	<b>(34,500)</b>
Debt Raised/(repaid)	(5,800)	6,670	33,500	2,000	(2,400)
Proceeds From Issue Of Shares	50				
Shares Repurchased					
Dividends Paid	(936)	(936)	(845)	(844)	(1,040)
Preferred Dividends					
Other Financing Cashflow	(2,734)	(4,054)	44,000	(28,000)	2,000
<b>Cash Flow From Financing</b>	<b>(9,420)</b>	<b>1,680</b>	<b>76,655</b>	<b>(26,844)</b>	<b>(1,440)</b>
Total Cash Generated	(620)	940	(4,013)	(3,974)	(6,564)
<b>Free Cashflow To Equity</b>	<b>3,000</b>	<b>5,930</b>	<b>(47,168)</b>	<b>24,870</b>	<b>(7,524)</b>
<b>Free Cashflow To Firm</b>	<b>10,820</b>	<b>1,600</b>	<b>(76,690)</b>	<b>27,445</b>	<b>(595)</b>

SOURCE: INCRED RESEARCH, COMPANY REPORTS

BY THE NUMBERS...cont'd

<b>Balance Sheet</b>					
<b>(Rs mn)</b>	<b>Mar-22A</b>	<b>Mar-23A</b>	<b>Mar-24F</b>	<b>Mar-25F</b>	<b>Mar-26F</b>
Total Cash And Equivalents	45,590	32,200	28,187	24,213	17,650
Total Debtors	6,730	7,000	7,596	9,843	11,438
Inventories	9,450	13,160	12,794	14,999	17,429
Total Other Current Assets	13,350	21,140	14,739	17,451	20,277
<b>Total Current Assets</b>	<b>75,120</b>	<b>73,500</b>	<b>63,316</b>	<b>66,506</b>	<b>66,793</b>
Fixed Assets	132,030	140,540	188,089	202,444	216,298
Total Investments	13,050	5,890	5,890	5,890	5,890
Intangible Assets	19,780	26,010	70,300	39,300	40,300
Total Other Non-Current Assets	6,930	9,490	9,990	10,490	10,990
<b>Total Non-current Assets</b>	<b>171,790</b>	<b>181,930</b>	<b>274,269</b>	<b>258,124</b>	<b>273,478</b>
Short-term Debt	11,970	5,320	6,820	7,320	6,920
Current Portion of Long-Term Debt					
Total Creditors	8,500	11,350	12,606	14,307	16,119
Other Current Liabilities	26,190	27,930	27,727	33,362	37,771
<b>Total Current Liabilities</b>	<b>46,660</b>	<b>44,600</b>	<b>47,153</b>	<b>54,988</b>	<b>60,810</b>
Total Long-term Debt	19,220	32,100	64,100	65,600	63,600
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	19,700	21,290	61,290	29,290	27,290
<b>Total Non-current Liabilities</b>	<b>38,920</b>	<b>53,390</b>	<b>125,390</b>	<b>94,890</b>	<b>90,890</b>
Total Provisions					
<b>Total Liabilities</b>	<b>85,580</b>	<b>97,990</b>	<b>172,543</b>	<b>149,879</b>	<b>151,700</b>
Shareholders Equity	160,610	156,280	163,882	173,591	187,411
Minority Interests	720	1,160	1,160	1,160	1,160
<b>Total Equity</b>	<b>161,330</b>	<b>157,440</b>	<b>165,042</b>	<b>174,751</b>	<b>188,571</b>

<b>Key Ratios</b>					
	<b>Mar-22A</b>	<b>Mar-23A</b>	<b>Mar-24F</b>	<b>Mar-25F</b>	<b>Mar-26F</b>
Revenue Growth	11.6%	20.0%	7.8%	17.2%	16.2%
Operating EBITDA Growth	(12.2%)	(4.5%)	24.9%	22.3%	20.5%
Operating EBITDA Margin	21.5%	17.1%	19.8%	20.7%	21.4%
Net Cash Per Share (Rs)	76.96	(27.90)	(228.37)	(260.30)	(282.55)
BVPS (Rs)	858.34	835.20	875.83	927.71	1,001.57
Gross Interest Cover	5.90	4.32	3.39	3.87	5.18
Effective Tax Rate	27.3%	15.0%	26.0%	26.0%	26.0%
Net Dividend Payout Ratio	11.6%	7.9%	10.0%	8.0%	7.0%
Accounts Receivables Days	22.01	18.51	18.25	18.60	19.54
Inventory Days	30.22	30.48	32.46	29.65	29.77
Accounts Payables Days	39.16	32.28	37.37	36.19	35.55
ROIC (%)	7.8%	5.7%	5.1%	7.2%	8.9%
ROCE (%)	6.7%	5.2%	6.3%	7.3%	9.3%
Return On Average Assets	4.5%	5.8%	4.3%	4.7%	6.0%

SOURCE: INCRED RESEARCH, COMPANY REPORTS

---

## DISCLAIMER

---

This report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by Incred Research Services Private Ltd. (formerly known as Earnest Innovation Partners Private Limited) (hereinafter referred to as "IRSPL"). IRSPL is registered with SEBI as a Research Analyst vide Registration No. INH000011024. Pursuant to a trademark agreement, IRSPL has adopted "Incred Equities" as its trademark for use in this report.

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

This report is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of IRSPL.

The information contained in this report is prepared from data believed to be correct and reliable at the time of issue of this report.

IRSPL is not required to issue regular reports on the subject matter of this report at any frequency and it may cease to do so or change the periodicity of reports at any time. IRSPL is not under any obligation to update this report in the event of a material change to the information contained in this report. IRSPL has not any and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant; (ii) ensure that the content of this report constitutes all the information a prospective investor may require; (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, IRSPL and its affiliates/group companies (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

Unless otherwise specified, this report is based upon reasonable sources. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research. Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of IRSPL and its affiliates/group companies to any person to buy or sell any investments.

The opinions expressed are based on information which are believed to be accurate and complete and obtained through reliable public or other non-confidential sources at the time made. (Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations. In reviewing this report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request. The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

IRSPL may have issued other reports (based on technical analysis, event specific, short term views etc.) that are inconsistent with and reach different conclusion from the information presented in this report.

Holding of Analysts/Relatives of Analysts, IRSPL and Associates of IRSPL in the covered securities, as on the date of publishing of this report



	Analyst/ Relative	Entity/ Associates
any financial interests in the company covered in this report (subject company) and nature of such financial interest	NO	NO
actual/beneficial ownership of 1% or more in securities of the subject company at the end of the month immediately preceding the date of publication of the research report or date of the public appearance;	NO	NO
any other material conflict of interest at the time of publication of the research report or at the time of public appearance	NO	NO
received any compensation from the subject company in the past twelve months for investment banking or merchant banking or brokerage services or investment advisory or depository or distribution from the subject company in the last twelve months for products/services other than investment banking or merchant banking or broker- age services or investment advisory or depository or distribution from the subject company in the last twelve months	NO	NO
managed or co-managed public offering of securities for the subject company in the last twelve months	NO	NO
received any compensation or other benefits from the subject company or third party in connection with the research report	NO	NO
served as an officer, director or employee of the subject company	NO	NO
been engaged in market making activity for the subject company	NO	NO

#### Analyst declaration

- The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously in an unbiased manner.
- No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report or based any specific investment banking transaction.
- The analyst(s) has(have) not had any serious disciplinary action taken against him/her(them).
- The analyst, strategist, or economist does not have any material conflict of interest at the time of publication of this report.
- The analyst(s) has(have) received compensation based upon various factors, including quality, accuracy and value of research, overall firm performance, client feedback and competitive factors.

IRSPL and/or its affiliates and/or its Directors/employees may own or have positions in securities of the company(ies) covered in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities.

IRSPL and/or its affiliates and/or its Directors/employees may do and seek to do business with the company(ies) covered in this research report and may from time to time (a) buy/sell the securities covered in this report, from time to time and/or (b) act as market maker or have assumed an underwriting commitment in securities of such company(ies), and/or (c) may sell them to or buy them from customers on a principal basis and/or (d) may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) and/or (e) solicit such investment, advisory or other services from any entity mentioned in this report and/or (f) act as a lender/borrower to such company and may earn brokerage or other compensation. However, Analysts are forbidden to acquire, on their own account or hold securities (physical or uncertificated, including derivatives) of companies in respect of which they are compiling and producing financial recommendations or in the result of which they play a key part.