

SONA BLW Precision Forging

CMP:INR592

TP: INR600 (+1%)

Neutra

Strong in-line performance; order win momentum healthy

Strong growth in ICE segment | EU recovers strongly, Asia declines

- SONACOMS' 1QFY24 operating performance was in line. Its revenue/ EBITDA grew 24%/43% YoY. The company has won a new order worth INR13b in 1QFY24 (total order book was at INR220b) and salience of EV in order book has risen to 78%. Conventional start-motor is now just 11% of revenue.
- We raise our FY24E/25E EPS by ~4%/2.5% to factor in a healthy order book execution and higher margins. Maintain **Neutral** with a TP of INR600 (based on 45x Sep'25E consol. EPS) owing to its expensive valuation.

Operating performance in line; PAT surprised

- SONACOMS' 1QFY24 revenue/EBITDA/adj. PAT grew ~24%/43%/51% YoY to INR7.3b/ INR2.0b/ INR1.1b. BEV revenue rose 13% YoY to INR1.8b (26% of total revenue), whereas ICE revenue jumped 28% YoY.
- Gross margin improved 240bp YoY/260bp QoQ to 56.9% (est. 54.6%), mainly driven by better mix.
- This coupled with operating leverage resulted in EBITDA margin expansion of 360bp YoY (+70bp QoQ) to 27.8% (vs. est. 27%). EBITDA grew 43% YoY to INR2.0b (est. INR1.97b).
- A better operating performance, along with lower depreciation, resulted in higher-than-expected adj. PAT at INR1.14b (+51% YoY, est. INR1.06b).

Highlights from the management commentary

- **BEV revenue** grew 13% YoY (-10% QoQ) to INR1.8b in 1QFY24 and revenue share was at 26% (vs. 28% in 4QFY23), hurt by reduction in FAME-2 subsidies for e-2W from Jun'23.
- Impact of FAME-2 incentive reduction on e-2Ws: As compared to its budget, the company estimated a loss of revenue of INR250m in 1QFY24 and INR1.0-1.2b in FY24. However, it expects traction motors business to be much bigger than ICE starter motor business in three years.
- Order book stable, despite orders going into execution: It won four new orders worth INR13b, taking the total order book to INR220b (vs. INR215b in 4QFY23). Of these orders, three were in EVs, which formed 78% of the order book.
- It is expanding capacity for traction motors from 400k to 600k, and putting up capacity of 500k for PCB at Chennai by investing ~INR1b. This capacity is for e-2W/3W traction motors as well as to cater to its partnership with Equipmake; the capacity will be ready by FY25.

Estimate change TP change Rating change

Motilal Oswal values your support in the Asiamoney Brokers Poll 2023 for India Research, Sales, Corporate Access and Trading team. We request your ballot.



Bloomberg	SONACOMS IN
Equity Shares (m)	585
M.Cap.(INRb)/(USDb)	346.3 / 4.2
52-Week Range (INR)	608 / 397
1, 6, 12 Rel. Per (%)	10/19/-11
12M Avg Val (INR M)	1610

Financials & Valuations (INR b)

Y/E Mar	2023	2024E	2025E
Sales	26.8	33.0	41.6
EBITDA (%)	26.0	27.8	27.7
Adj. PAT	4.0	5.2	6.8
EPS (INR)	6.8	8.9	11.6
EPS Gr. (%)	16.9	31.5	30.3
BV/Sh. (INR)	39.1	45.4	53.3
Ratios			
RoE (%)	18.5	21.2	23.6
RoCE (%)	16.8	18.8	21.2
Payout (%)	22.0	30.1	31.5
Valuations			
P/E (x)	87.0	66.2	50.8
P/BV (x)	15.1	13.0	11.1
EV/EBITDA (x)	49.7	37.7	29.8
Div. Yield (%)	0.3	0.5	0.6
FCF Yield (%)	0.6	0.6	1.0

Shareholding pattern (%)

As On	Jun-23	Mar-23	Jun-22
Promoter	29.8	33.0	67.2
DII	28.2	31.3	16.1
FII	31.7	24.7	8.8
Others	10.4	11.0	7.9

FII Includes depository receipts

Valuation and view

- After a challenging FY23, SONACOMS is firmly back on strong growth path led by a recovery in the underlying markets and a strong order book. SONACOMS remains a good proxy play for the global electrification trend, with a ~26% revenue mix from EVs and a ~78% mix in the order book. Moreover, its focus on expanding the product portfolio, global scale, and customer base should translate into strong earnings growth and healthy capital efficiency.
- However, valuations at 66.2x/50.8x FY24E/FY25E consol. EPS largely factor in these positives. We raise our target multiple from 40x to 45x Sep'25 EPS, to reflect the improved visibility and return to strong growth path. Maintain **Neutral** with a TP of INR600 (based on ~45x Mar'25 consol. EPS).

Consol. Quarterly Performance

Y/E March		FY2	3			FY24	4E		FY23	FY24E	FY24E
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE
Net operating revenues	5,892	6,574	6,850	7,440	7,322	8,067	8,309	9,314	26,756	33,012	7,286
Change (%)	17.7	12.2	38.6	35.3	24.3	22.7	21.3	25.2	25.6	23.4	23.7
EBITDA	1,425	1,657	1,862	2,014	2,034	2,235	2,302	2,591	6,958	9,161	1,967
EBITDA Margins (%)	24.2	25.2	27.2	27.1	27.8	27.7	27.7	27.8	26.0	27.8	27.0
Depreciation	400	429	470	481	511	535	555	575	1,780	2,176	550
EBIT	1,025	1,228	1,392	1,533	1,523	1,700	1,747	2,015	5,178	6,985	1,417
EBIT Margins (%)	17.4	18.7	20.3	20.6	20.8	21.1	21.0	21.6	19.4	21.2	19.5
Interest	29	43	51	46	53	50	50	45	169	199	50
Non-Operating Income	10	28	33	45	54	45	45	46	116	189	40
PBT	1,006	1,213	1,373	1,498	1,495	1,695	1,742	2,016	5,091	6,947	1,407
Effective Tax Rate (%)	24.6	23.7	22.0	20.0	25.1	25.1	25.1	25.1	22.4	25.1	25.0
Adjusted PAT	758	925	1,071	1,232	1,142	1,269	1,304	1,509	3,979	5,224	1,056
Change (%)	5.4	4.9	23.9	35.1	50.6	37.1	21.8	22.5	17.1	31.3	39.2
Cost Break-up											
RM Cost (% of sales)	45.5	47.0	44.2	45.7	43.1	44.5	44.5	44.4	45.6	44.2	45.4
Staff Cost (% of sales)	7.3	6.7	7.0	6.1	6.7	6.3	6.3	6.0	6.7	6.3	6.5
Other Cost (% of sales)	23.0	21.1	21.6	21.1	22.4	21.5	21.5	21.8	21.7	21.8	21.1
Gross Margins (%)	54.5	53.0	55.8	54.3	56.9	55.5	55.5	55.6	54.4	55.9	54.6
EBITDA Margins (%)	24.2	25.2	27.2	27.1	27.8	27.7	27.7	27.8	26.0	27.8	27.0
EBIT Margins (%)	17.4	18.7	20.3	20.6	20.8	21.1	21.0	21.6	19.4	21.2	19.5



Key takeaways from the management interaction

- **BEV revenues** grew 13% YoY (-10% QoQ) to INR1.8b in 1QFY24 and revenue share was at 26% (vs. 28% in 4QFY23), hurt by reduction in FAME-2 subsidies for e-2W from Jun'23. EV formed 78% of the order book.
- **Non-BEV Revenue** surged 28% YoY while light vehicle sales in its top-3 markets grew 15% YoY.
- Impact of FAME-2 incentive reduction on e-2Ws: As compared to its budget, the company estimated a loss of revenue of INR250m in 1QFY24 and INR1.0-1.2b in FY24. However, it expects traction motors business to be much bigger than ICE starter motor business in three years.
- Order book stable, despite orders going into execution: It won four new orders worth INR13b, taking the total order book to INR220b (vs. INR215b in 4QFY23). Of these orders three were in EVs. EV orders were for a) differential assembly for Class 5 CVs (INR4b, SOP 4QFY25) from new age OEM, b) hub-wheel motor for e-2W from existing customer (INR3.6b, SOP from 4QFY24), and c) mid-drive traction motor & controller for electric OHVs/3Ws from existing customer in India

- (INR0.9b, SOP 4QFY24). Further, it won an order in global recreation OHV segment for a final drive assembly (INR4.3b, SOP 2QFY25).
- Business mix changes in 1QFY24: a) e-2W/3W declined to 2.5% of sales from 4% in 4QFY23, b) PVs increased to 72% from 69%, c) Asia (ex-India) further declined to 5% from 7% in FY23, whereas EU increased to 23% from 20%, and d) Diff. gears increased to 37% from 32%, whereas conventional starter motors declined to 11% from 15%.
- It is expanding capacity for traction motors to 600k from 400k, and putting up capacity of 500k for PCB at Chennai by investing ~INR1b. This capacity is for e-2W/3W traction motors as well as to cater to its partnership with Equipmake, and will be ready by FY25.
- Partnership with Equipmake for traction motors for buses, LCVs and PVs: It has recently entered into partnership with Equipmake for high voltage motor-controller segment in 100-140kW range. Equipmake partnership would help the company enter into the high voltage motor-controller segment. Equipmake's technology offers best power density in this segment globally. SONACOMS has exclusive right for India, Thailand and select South Asian market, and will also manufacture in India for Equipmake's global requirement. Commercial production is expected to start in 2025.
- No customer is >20% and top-5 customers are <60% of revenue. Even in EVs, the largest customer contributes 70-75%.
- Capex guidance of INR4b p.a. for the next two years.

Exhibit 1: Trend in revenue

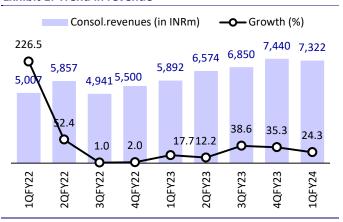
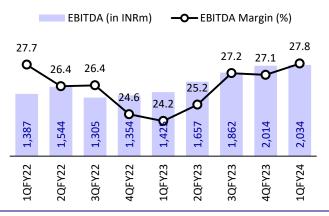
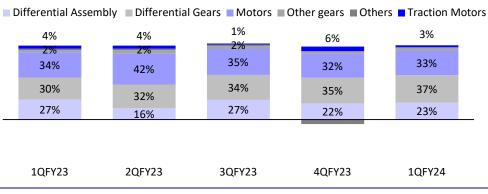


Exhibit 2: EBITDA and EBITDA margin trend



Source: Company, MOFSL Source: Company, MOFSL

Exhibit 3: Revenue breakup



Source: Company, MOFSL

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Valuation and view

Unique blend of increasing EV share, global scale, and strong financials

- Best proxy on global megatrends of electrification and premiumization: SONACOMS offers a clean global play on the megatrends of electrification and premiumization. Its product portfolio of differential gears, motors and sensors is on the right side of the Auto industry evolution, with a substantial increase in content in EV products. It is also well prepared for EV-specific components such as traction motors, controllers, and 48V BSG. It also benefits from the structural premiumization trend observed across segments PVs (SUVs, 4WDs, BEVs), CVs (MAVs), and tractors (higher HP, 4WDs). The BEV segment already contributed 26% of revenue in FY23 (v/s 25%/14% in FY22/FY21) and accounted for 78% of the order book.
- Unique positioning of increasing EV sales, global scale, and strong financial profile: SONACOMS's unique positioning is driven by 1) a sizeable and increasing presence in EVs, 2) global scale and presence, 3) an expanding customer base, and 4) a strong financial profile. It is a dominant player in the Indian differential gears market and has been gaining market share globally in key product segments differential gears (7.2% in CY22 v/s 5% in CY20), and starter motors (4.1% in CY22 v/s 3% in CY20). More importantly, it is a truly global player with a presence across the key markets of North America (~43%), India (~29%), EU (~20%), Asia (excl India ~7%), and RoW (~1%).
- Investing in R&D for future growth: Its approach is to own the technology to capture maximum value and offer the best products to its customers. It invests an average of 3-4% of sales in R&D (high in FY21 at ~6%). Its technology roadmap focuses on developing new products, which help the company increase its share from EVs and reduce dependence on ICE vehicles. Additionally, it aims to capitalize on the EV opportunity at both ends of the power spectrum and eventually offer both product categories to all market segments. SONACOMS is among the few players who are well placed to combine their motor-driveline capabilities to offer integrated drive units with three key components: differential assembly, high-voltage traction motors, and high-voltage inverters.
- Strong growth ahead: SONACOMS is geared for faster growth than the underlying industry, driven by 1) content increase in the existing portfolio; 2) market share gains in key geographies; and 3) new products such as traction motors, controllers, BSG and sensors. SONACOMS is foraying into a new business vertical of sensor and software. While it will not be a meaningful addition to its financials in the near term, we believe the acquisition is in the right direction strategically, as it will add a new revenue stream beyond its Driveline and motor businesses. We estimate a consolidated revenue/EBITDA/PAT CAGR of 25%/29%/31% over FY23-FY25E and RoE expansion of 5.1pp (over FY23) to ~23.6% by FY25.
- Valuation and view: We increase our FY24E/25E EPS by ~4%/2.5% to factor in a healthy order book execution and higher margins. After a challenging FY23, SONACOMS is firmly back on strong growth path led by recovery in the underlying markets and strong order book. SONACOMS remains a good proxy play for the global electrification trend, with a ~26% revenue mix from EVs and a ~78% mix in the order book. Moreover, its focus on expanding the product portfolio, global scale, and customer base should translate into strong earnings growth and healthy capital efficiency. However, valuations at 66.2x/50.8x FY24E/FY25E consol. EPS largely factor in these positives. We raise our target multiple from 40x to 45x Sep'25 EPS, to reflect the improved visibility and return to strong growth path. Maintain Neutral with a TP of INR600 (based on ~45x Mar'25 consol. EPS).

Exhibit 4: Revisions to our estimates

(INR M)		FY24E				
	Rev	Old	Chg (%)	Rev	Old	Chg (%)
Net Sales	33,012	32,991	0.1	41,646	40,630	2.5
EBITDA	9,161	8,977	2.0	11,542	11,267	2.4
EBITDA (%)	27.8	27.2	50bp	27.7	27.7	0bp
Net Profit	5,232	5,033	3.9	6,818	6,648	2.5
EPS (INR)	8.9	8.6	3.9	11.6	11.4	2.5

Key operating indicators

Exhibit 5: Expect strong revenue growth over FY23-25 largely driven by strong traction in BEV DA business

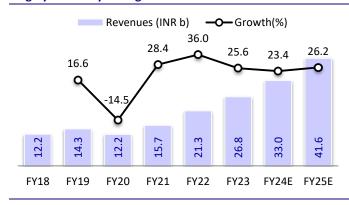


Exhibit 6: EBITDA margin to expand driven by better mix and operating leverage

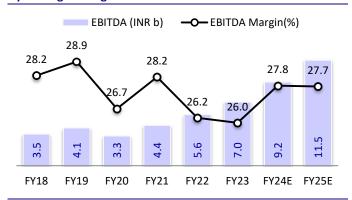


Exhibit 7: Expect 31% PAT CAGR over FY23-25

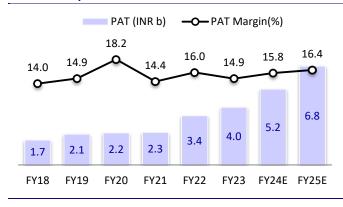


Exhibit 8: ROCE to improve substantially by FY25E

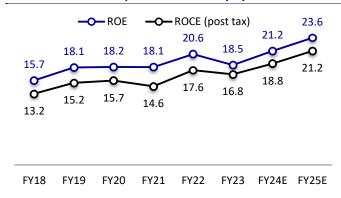


Exhibit 9: Capex levels to moderate from FY24E

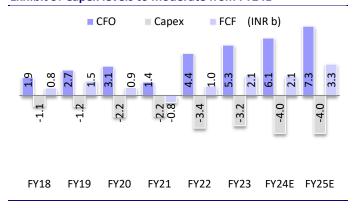
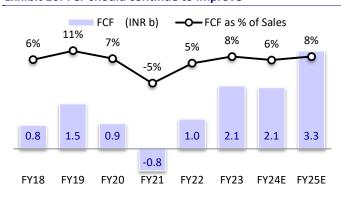


Exhibit 10: FCF should continue to improve



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Financials and valuations

						(INR m)
2019	2020	2021	2022	2023	2024E	2025
14,277	12,201	15,663	21,306	26,756	33,012	41,646
16.6	-14.5	28.4	36.0	25.6	23.4	26.2
4,122	3,254	4,410	5,591	6,958	9,161	11,542
28.9	26.7	28.2	26.2	26.0	27.8	27.7
722	782	969	1,420	1,780	2,176	2,502
3,400	2,472	3,441	4,171	5,178	6,985	9,040
23.8	20.3	22.0	19.6	19.4	21.2	21.7
198	269	325	183	169	199	200
58	76	23	200	116	189	250
0	0	139	-267	34	28	C
3,260	2,279	3,000	4,456	5,091	6,947	9,090
34.7	2.7	28.3	18.9	22.4	25.0	25.0
2,129	2,217	2,152	3,615	3,953	5,210	6,818
						6,818
24.1	4.2	1.5	51.0	17.1		30.3
						(INR m)
2019	2020	2021	2022	2023	2024E	2025E
			-		-	
277	472	5.730	5.844	5.854	5.854	5,854
						25,373
					•	31,227
						876
						2,500
						661
						35,264
15,050	20,00	20,070	22,200	20,021	30,333	33,20
4 261	5 494	6 395	9 382	12 889	16.800	20,300
						7,126
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				13,174
						5,979
		· · · · · · · · · · · · · · · · · · ·				2,302
						3,677
			•			1,500
						1,758
						2,326
						19,149
						5,027
						9,477
						2,763
						114
						1,769
						6,320
						3,993
						1,955
						372
		5,075	6,908	7,501	9,658	12,829
1,399 15,658	0 16,004	18,073	22,288	26,614	30,595	35,264
	14,277 16.6 4,122 28.9 722 3,400 23.8 198 58 0 3,260 34.7 2,129 2,129 24.1 2019 277 12,322 12,599 1,523 1,353 182 15,658 4,261 753 3,509 5,387 573 4,814 266 1,758 457 6,202 1,838 2,733 615 1 1,015 2,748 1,393 1,227 128 3,454	14,277 12,201 16.6 -14.5 4,122 3,254 28.9 26.7 722 782 3,400 2,472 23.8 20.3 198 269 58 76 0 0 3,260 2,279 34.7 2.7 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,129 2,217 2,130 308 12,322 11,308 12,523 1,077 1,353 2,614 182 534 15,658 16,004 4,261 5,494 753 1,230 3,509 4,264	14,277 12,201 15,663 16.6 -14.5 28.4 4,122 3,254 4,410 28.9 26.7 28.2 722 782 969 3,400 2,472 3,441 23.8 20.3 22.0 198 269 325 58 76 23 0 0 139 3,260 2,279 3,000 34.7 2.7 28.3 2,129 2,217 2,152 2,129 2,217 2,251 24.1 4.2 1.5 2019 2020 2021 277 472 5,730 12,322 11,308 7,309 12,599 11,779 13,039 1,523 1,077 1,260 1,353 2,614 3,052 182 534 721 15,658 16,004 18,073 4,261 5,494 6,395 753 1,230 1,353 3,509	14,277 12,201 15,663 21,306 16.6 -14.5 28.4 36.0 4,122 3,254 4,410 5,591 28.9 26.7 28.2 26.2 722 782 969 1,420 3,400 2,472 3,441 4,171 23.8 20.3 22.0 19.6 198 269 325 183 58 76 23 200 0 0 139 -267 3,260 2,279 3,000 4,456 34.7 2.7 28.3 18.9 2,129 2,217 2,152 3,615 2,129 2,217 2,251 3,399 24.1 4.2 1.5 51.0 2019 2020 2021 2022 277 472 5,730 5,844 12,322 11,308 7,309 14,159 12,599 11,779 13,039 20,003	14,277 12,201 15,663 21,306 26,756 16.6 -14.5 28.4 36.0 25.6 4,122 3,254 4,410 5,591 6,958 28.9 26.7 28.2 26.2 26.0 722 782 969 1,420 1,780 3,400 2,472 3,441 4,171 5,178 23.8 20.3 22.0 19.6 19.4 198 269 325 183 169 58 76 23 200 116 0 0 139 -267 34 3,260 2,279 3,000 4,456 5,091 34.7 2.7 28.3 18.9 22.4 2,129 2,217 2,152 3,615 3,953 2,129 2,217 2,152 3,615 3,953 2,129 2,217 2,251 3,399 3,979 24.1 4.2 1.5 51.0 <td>14,277 12,201 15,663 21,306 26,756 33,012 16.6 -14.5 28.4 36.0 25.6 23.4 4,122 3,254 4,410 5,591 6,958 9,161 28.9 26.7 28.2 26.2 26.0 27.8 722 782 969 1,420 1,780 2,176 3,400 2,472 3,441 4,171 5,178 6,985 23.8 20.3 22.0 19.6 19.4 21.2 198 269 325 183 169 199 58 76 23 200 116 189 0 0 139 -267 34 28 3,260 2,279 3,000 4,456 5,091 6,947 34.7 2.7 28.3 18.9 22.4 25.0 2,129 2,217 2,152 3,615 3,953 5,232 24.1 4.2 1.5</td>	14,277 12,201 15,663 21,306 26,756 33,012 16.6 -14.5 28.4 36.0 25.6 23.4 4,122 3,254 4,410 5,591 6,958 9,161 28.9 26.7 28.2 26.2 26.0 27.8 722 782 969 1,420 1,780 2,176 3,400 2,472 3,441 4,171 5,178 6,985 23.8 20.3 22.0 19.6 19.4 21.2 198 269 325 183 169 199 58 76 23 200 116 189 0 0 139 -267 34 28 3,260 2,279 3,000 4,456 5,091 6,947 34.7 2.7 28.3 18.9 22.4 25.0 2,129 2,217 2,152 3,615 3,953 5,232 24.1 4.2 1.5

E: MOFSL Estimates

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Financials and valuations

Ratios							
Y/E March	2019	2020	2021	2022	2023	2024E	2025E
Basic (INR)							
EPS	76.8	47.0	3.9	5.8	6.8	8.9	11.6
EPS Growth (%)	24.1	-38.8	-91.6	48.0	16.9	31.5	30.3
Cash EPS	102.9	63.6	5.4	8.6	9.8	12.7	15.9
Book Value per Share	454.6	249.8	22.8	34.2	39.1	45.4	53.3
DPS	0.0	0.0	18.9	0.8	1.5	2.7	3.7
Payout (Incl. Div. Tax) %	0.0	0.0	504.1	12.2	22.2	30.1	31.5
FCF (INR/sh)	55.2	18.1	-1.3	1.7	3.6	3.6	5.7
Valuation (x)							
P/E	6.4	10.4	124.4	84.1	87.0	66.2	50.8
EV/EBITDA	3.4	7.4	64.1	51.1	49.7	37.7	29.8
EV/Sales	1.0	2.0	18.1	13.4	12.9	10.4	8.3
Price to Book Value	1.1	2.0	21.5	14.3	15.1	13.0	11.1
Dividend Yield (%)	0.0	0.0	3.9	0.2	0.3	0.5	0.6
FCF Yield (%)	11.3	3.7	-0.3	0.4	0.6	0.6	1.0
Profitability Ratios (%)							
RoE	18.1	18.2	18.1	20.6	18.5	21.2	23.6
RoCE (post-tax)	15.2	15.7	14.6	17.6	16.8	18.8	21.2
RoIC	16.9	17.3	16.2	18.3	18.9	21.6	24.9
Turnover Ratios					20.0		
Debtors (Days)	70	70	97	76	83	83	83
Inventory (Days)	47	59	71	62	44	44	44
Creditors (Days)	36	35	52	38	34	35	35
Working Capital (Days)	81	94	116	101	93	92	92
			0.9	1.1	1.1	1.2	1.3
Asset Turnover (x)	1.0	0.8	0.9	1.1	1.1	1.2	1.3
Asset Turnover (x) Leverage Ratio	1.0	0.8					
Asset Turnover (x)			0.9	0.0	0.0	-0.1	-0.1
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x)	1.0	0.8					
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x)	1.0	0.8					
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates	1.0	0.8					-0.1
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement	0.0	0.8	0.2	0.0	0.0	-0.1	-0.1
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March	1.0 0.0	0.8	0.2	0.0	0.0	-0.1 2024E	-0.1 (INR m) 2025E
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax	1.0 0.0 2019 3,260	0.8 0.1 2020 2,279	0.2 2021 3,000	0.0 2022 4,456	0.0 2023 5,091	-0.1 2024E 6,975	-0.1 (INR m) 2025E 9,090
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort.	2019 3,260 722	0.8 0.1 2020 2,279 782	0.2 2021 3,000 969	0.0 2022 4,456 1,420	0.0 2023 5,091 1,780	-0.1 2024E 6,975 2,176	-0.1 (INR m) 2025E 9,090 2,502
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid	2019 3,260 722 -1,164	0.8 0.1 2020 2,279 782 -398	0.2 2021 3,000 969 -528	0.0 2022 4,456 1,420 -544	0.0 2023 5,091 1,780 -1,102	-0.1 2024E 6,975 2,176 -1,744	-0.1 (INR m) 2025E 9,090 2,502 -2,273
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital	1.0 0.0 2019 3,260 722 -1,164 -247	0.8 0.1 2020 2,279 782 -398 4	0.2 2021 3,000 969 -528 -2,070	0.0 2022 4,456 1,420 -544 -890	0.0 2023 5,091 1,780 -1,102 -630	-0.1 2024E 6,975 2,176 -1,744 -1,316	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received	1.0 0.0 2019 3,260 722 -1,164 -247 -30	0.8 0.1 2020 2,279 782 -398 4 -31	0.2 2021 3,000 969 -528 -2,070 -29	0.0 2022 4,456 1,420 -544 -890 -179	2023 5,091 1,780 -1,102 -630 -112	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149	0.8 0.1 2020 2,279 782 -398 4 -31 457	0.2 2021 3,000 969 -528 -2,070 -29 85	2022 4,456 1,420 -544 -890 -179 183	2023 5,091 1,780 -1,102 -630 -112 307	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427	2022 4,456 1,420 -544 -890 -179 183 4,446	2023 5,091 1,780 -1,102 -630 -112 307 5,333	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0	2022 4,456 1,420 -544 -890 -179 183 4,446	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 0
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427	2022 4,456 1,420 -544 -890 -179 183 4,446 0	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 0 7,322 -4,000
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180	2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 0 7,322 -4,000 3,322
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 0 7,322 -4,000
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33 -180	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39 -7,286	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22 598	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179 -275	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31 -2,450	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189 0	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 0 7,322 -4,000 3,322 250 0
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received (Pur)/Sale of Invest.	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 0 7,322 -4,000 3,322 250
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received (Pur)/Sale of Invest. CF from Inv. Activity	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33 -180 -1,307	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39 -7,286 -9,487	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22 598 -1,561	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179 -275 -3,534	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31 -2,450 -5,615	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189 0 -3,811	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 -4,000 3,322 250 0 -3,750
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received (Pur)/Sale of Invest. CF from Inv. Activity Inc/(Dec) in Debt	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33 -180 -1,307 -249 -175	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39 -7,286 -9,487 1,320 -205	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22 598 -1,561 504	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179 -275 -3,534 -2,954	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31 -2,450 -5,615 1,471 -12	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189 0 -3,811 325 -199	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 -4,000 3,322 250 0 -3,750 0 -200
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received (Pur)/Sale of Invest. CF from Inv. Activity Inc/(Dec) in Debt Interest Paid Dividends Paid	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33 -180 -1,307 -249	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39 -7,286 -9,487 1,320	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22 598 -1,561 504 -246	2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179 -275 -3,534 -2,954 -92 -450	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31 -2,450 -5,615 1,471	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189 0 -3,811 325	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 -4,000 3,322 250 0 -3,750 0
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received (Pur)/Sale of Invest. CF from Inv. Activity Inc/(Dec) in Debt Interest Paid Dividends Paid Others	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33 -180 -1,307 -249 -175 -1,032 0	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39 -7,286 -9,487 1,320 -205 -1,532 0	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22 598 -1,561 504 -246 -904 -21	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179 -275 -3,534 -2,954 -92 -450 -170	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31 -2,450 -5,615 1,471 -12 -1,199 -113	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189 0 -3,811 325 -199 -1,576	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 -4,000 3,322 250 0 -3,750 0 -200 -2,149 0
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received (Pur)/Sale of Invest. CF from Inv. Activity Inc/(Dec) in Debt Interest Paid Dividends Paid Others CF from Fin. Activity	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33 -180 -1,307 -249 -175 -1,032 0 -1,456	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39 -7,286 -9,487 1,320 -205 -1,532 0 7,083	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22 598 -1,561 504 -246 -904 -21 -667	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179 -275 -3,534 -2,954 -92 -450 -170 -625	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31 -2,450 -5,615 1,471 -12 -1,199 -113 187	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189 0 -3,811 325 -199 -1,576 0 -1,449	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 -4,000 3,322 250 0 -3,750 0 -200 -2,149 0 -2,349
Asset Turnover (x) Leverage Ratio Net Debt/Equity (x) E: MOSt Estimates Cash Flow Statement Y/E March Profit before Tax Depreciation & Amort. Direct Taxes Paid (Inc)/Dec in Working Capital Interest/Div. Received Other Items CF from Oper. Activity Extra-ordinary Items CF after EO Items (Inc)/Dec in FA+CWIP Free Cash Flow Interest/dividend received (Pur)/Sale of Invest. CF from Inv. Activity Inc/(Dec) in Debt Interest Paid Dividends Paid Others	1.0 0.0 2019 3,260 722 -1,164 -247 -30 149 2,689 0 2,689 -1,160 1,529 33 -180 -1,307 -249 -175 -1,032 0	0.8 0.1 2020 2,279 782 -398 4 -31 457 3,092 0 3,092 -2,239 853 39 -7,286 -9,487 1,320 -205 -1,532 0	0.2 2021 3,000 969 -528 -2,070 -29 85 1,427 0 1,427 -2,180 -753 22 598 -1,561 504 -246 -904 -21	0.0 2022 4,456 1,420 -544 -890 -179 183 4,446 0 4,446 -3,438 1,008 179 -275 -3,534 -2,954 -92 -450 -170	0.0 2023 5,091 1,780 -1,102 -630 -112 307 5,333 0 5,333 -3,196 2,136 31 -2,450 -5,615 1,471 -12 -1,199 -113	-0.1 2024E 6,975 2,176 -1,744 -1,316 -189 199 6,101 0 6,101 -4,000 2,101 189 0 -3,811 325 -199 -1,576	-0.1 (INR m) 2025E 9,090 2,502 -2,273 -1,948 -250 200 7,322 -4,000 3,322 250 0 -3,750 0 -200 -2,149 0

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

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NOTES

Explanation of Investment Rating					
Investment Rating	Expected return (over 12-month)				
BUY	>=15%				
SELL	<-10%				
NEUTRAL	< - 10 % to 15%				
UNDER REVIEW	Rating may undergo a change				
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation				

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend. Disclosures

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