



Hindustan Aeronautics

 BSE SENSEX
 S&P CNX

 81,160
 24,891



| Bloomberg | HNAL IN |
|-----------------------|-------------|
| Equity Shares (m) | 669 |
| M.Cap.(INRb)/(USDb) | 3193.5 / 36 |
| 52-Week Range (INR) | 5166 / 3046 |
| 1, 6, 12 Rel. Per (%) | 7/14/13 |
| 12M Avg Val (INR M) | 8159 |

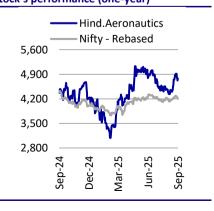
Financials & Valuations (INR b)

| Y/E MARCH | FY26E | FY27E | FY28E |
|---------------|-------|-------|-------|
| Sales | 375.0 | 453.4 | 584.6 |
| EBITDA | 111.8 | 129.8 | 159.4 |
| Adj PAT | 94.4 | 107.8 | 132.4 |
| EPS (INR) | 141.2 | 161.2 | 197.9 |
| EPS Gr. (%) | 13.0 | 14.2 | 22.7 |
| BV/Sh (INR) | 624.3 | 740.5 | 893.4 |
| Ratios | | | |
| RoE (%) | 22.6 | 21.8 | 22.2 |
| RoCE (%) | 23.4 | 22.4 | 22.6 |
| Payout (%) | 28.3 | 27.9 | 22.7 |
| Valuations | | | |
| P/E (x) | 33.8 | 29.6 | 24.1 |
| P/BV (x) | 7.7 | 6.4 | 5.3 |
| EV/EBITDA (x) | 24.5 | 20.4 | 15.8 |
| Div Yield (%) | 0.8 | 0.9 | 0.9 |

Shareholding Pattern (%)

| As On | Jun-25 | Mar-25 | Jun-24 | | | |
|----------------------------------|--------|--------|--------|--|--|--|
| Promoter | 71.6 | 71.6 | 71.6 | | | |
| DII | 8.7 | 8.3 | 8.8 | | | |
| FII | 11.9 | 12.1 | 11.7 | | | |
| Others | 7.7 | 8.0 | 7.9 | | | |
| FII includes depository receipts | | | | | | |

Stock's performance (one-year)



CMP: INR4,775 TP: INR5,800 (+21%)

Buy

Ticking all the right boxes

Hindustan Aeronautics (HAL) has received the follow-on order of 97 light combat aircraft (LCA) Mk1A worth INR624b from the Ministry of Defence (MoD). This is in addition to the previous order of 83 Tejas LCA Mk1A received in Jan'21. GE has now overcome the supply chain issues it was facing previously and resumed normal deliveries of the F404 engines, and we expect aircraft deliveries to accelerate in the coming quarters. With the contract for 97 additional jets now signed, we expect the related order of USD1b for 113 new F404 engines with GE to be finalized too in a few weeks. Our estimates build in execution scale-up of the manufacturing order book as HAL begins deliveries of the Tejas aircraft from 3QFY26 onward. We retain our positive stance on the sector and maintain our BUY rating on the stock with an unchanged TP of INR5,800, based on the average DCF and 32x Sep'27E earnings.

Indigenization gains with additional 97 LCA Mk1A order

With GE F404 engine deliveries now normalizing after past supply chain disruptions, the MoD has signed an INR624b contract with HAL for the procurement of 97 additional LCA Mk1A aircraft for the Indian Air Force, comprising 68 single-seat and 29 twin-seat fighters. Deliveries are scheduled to commence in FY28 and conclude within six years. Importantly, the order carries at least 64% indigenous content, with 67 additional locally sourced components compared to the previous contract, including the UTTAM AESA radar, Swayam Raksha Kavach electronic warfare suite, and indigenous control surface actuators. While this order was largely anticipated, it represents a significant growth milestone for HAL, reinforcing visibility of its long-term revenue stream and positioning it strongly within India's self-reliance goal.

Update on the existing Tejas Mk1A project

For its existing Tejas Mk1A project, HAL has already received its third GE F404 engine, with another expected by Sep'25-end and six more in Oct-Dec'25. With engine supply stabilizing, HAL is targeting delivery of the first two Tejas Mk1A aircraft by Oct'25, with production ramp-up contingent on steady engine supplies and the resolution of radar and avionics integration issues. Successful delivery stabilization will position HAL to unlock operating leverage as volumes rise, thereby supporting margin expansion. With the ageing Mig-21 fighter jets set to retire on 26th Sep'25, the IAF combat strength will drop to 29 squadrons, making the deliveries of Tejas MK1A key to strengthening the capabilities of the Indian Defence Forces. Overall, the dual tailwinds of (i) order book expansion through the new contract and (ii) near-term progress on Tejas deliveries significantly de-risk HAL's growth trajectory and reinforce its visibility as the cornerstone of India's indigenous aerospace push.

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Other potential near-term positives for HAL

- HAL signed a manufacturing license agreement (MLA) with GE, formalizing the ToT structure and enabling local production of the F414 engine. This ToT is estimated to be worth ~USD1b and will result in the new fighter jets having an indigenous content of around 75%.
- Twenty-eight private sector firms have expressed interest in collaborating with HAL for the development of India's fifth-generation stealth fighter (AMCA project).
- The ambitious INR600b Su-30 avionics upgrade project is in the government approval phase, with D&D beginning in FY26 and aircraft orders likely by FY31.
- TPCR 2025 provides HAL with a clear roadmap for future defense platforms, enabling the company to align its R&D, production, and indigenous development efforts, ensuring steady order inflows, technological advancement, and long-term revenue visibility.

Financial outlook

We expect a CAGR of 24% in total revenue over FY25-28, primarily driven by a scale-up in manufacturing revenue. We project its EBITDA margin to remain strong at 29.8%/28.6%/27.3% in FY26/FY27/FY28, fueled by HAL's indigenization efforts and lower provisions. With an annual capex of INR40b/INR50b/INR60b in FY26/FY27/FY28 and comfortable working capital, we expect a 17% CAGR in PAT over FY25-28. With improving revenue and stable margins, we expect RoE/RoCE to remain comfortable, reaching 22.2%/22.6% by FY28.

Valuation and recommendation

HAL is currently trading at 29.6x/24.1x FY27E/FY28E EPS. We maintain our estimates and **reiterate our BUY rating on the stock** with an unchanged TP of INR5,800, based on the average of DCF and 32x Sep'27E earnings.

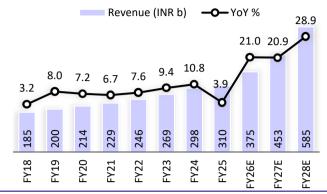
Key risks and concerns

Key risks would include: 1) slower-than-expected finalization of large platform orders, 2) delays in deliveries of key components such as engines for Tejas Mk1A, 3) delays in payments from MoD, and 4) increased involvement of the private sector.



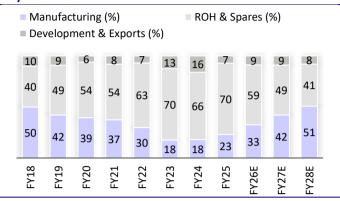
Financial outlook

Exhibit 1: We expect HAL's revenue to record a 24% CAGR over FY25-28



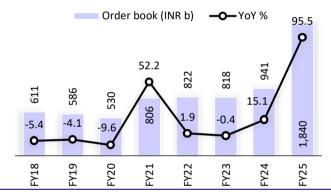
Source: Company, MOFSL

Exhibit 2: Share of manufacturing revenue likely to grow beyond FY25



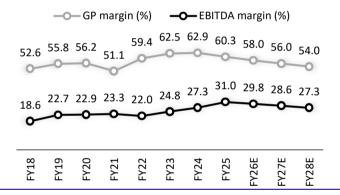
Source: Company, MOFSL

Exhibit 3: Order book stood at ~INR1.8t as of 31st Mar'25 on strong inflows



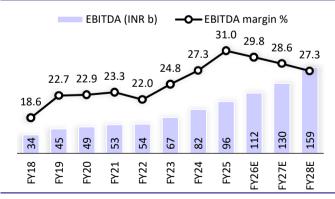
Source: Company, MOFSL

Exhibit 4: We expect the gross margin to come down as the share of manufacturing revenue starts increasing



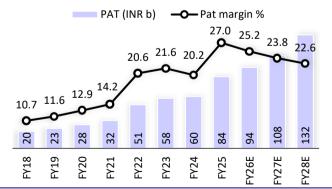
Source: Company, MOFSL

Exhibit 5: EBITDA to clock a CAGR of 18% over FY25-28



Source: MOFSL, Company

Exhibit 6: We expect a PAT CAGR of 17% over FY25-28



Source: MOFSL, Company

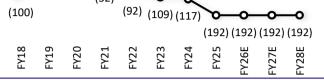
25 September 2025



Exhibit 7: NWC days to remain at comfortable levels

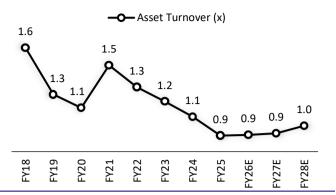
(32)

→ NWC days



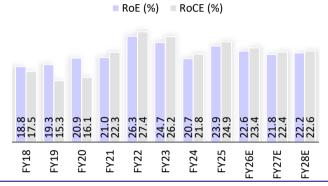
Source: MOFSL, Company

Exhibit 8: Asset turnover to remain comfortable



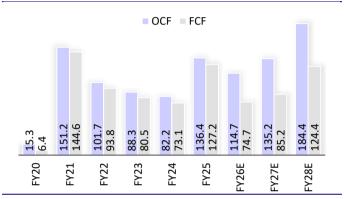
Source: MOFSL, Company

Exhibit 9: We expect RoE/RoCE to remain at ~22-24%



Source: MOFSL, Company

Exhibit 10: OCF/FCF to normalize beyond FY25 (INR b)



Source: MOFSL, Company



Financials and valuation

| Y/E March | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026E | 2027E | 2028E |
|-----------------------|------|------|------|------|------|------|-------|-------|-------|
| Net Sales | 214 | 229 | 246 | 269 | 298 | 310 | 375 | 453 | 585 |
| Change (%) | 7.2 | 6.7 | 7.6 | 9.4 | 10.8 | 3.9 | 21.0 | 20.9 | 28.9 |
| Raw Materials | 94 | 112 | 100 | 101 | 111 | 123 | 157 | 200 | 269 |
| Gross Profit | 121 | 117 | 146 | 168 | 188 | 187 | 217 | 254 | 316 |
| Employee Cost | 48 | 43 | 46 | 49 | 53 | 57 | 61 | 71 | 81 |
| Other Expenses | 24 | 20 | 46 | 52 | 53 | 34 | 44 | 54 | 75 |
| Total Expenditure | 165 | 175 | 192 | 202 | 217 | 214 | 263 | 324 | 425 |
| % of Net Sales | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| EBITDA | 49 | 53 | 54 | 67 | 82 | 96 | 112 | 130 | 159 |
| Margin (%) | 22.9 | 23.3 | 22.0 | 24.8 | 27.3 | 31.0 | 29.8 | 28.6 | 27.3 |
| Depreciation | 10 | 12 | 11 | 18 | 14 | 13 | 15 | 19 | 23 |
| EBIT | 39 | 42 | 43 | 49 | 68 | 83 | 96 | 111 | 136 |
| Interest | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Other Income | 3 | 4 | 10 | 17 | 19 | 26 | 29 | 33 | 40 |
| PBT Before EO Exp | 39 | 43 | 52 | 65 | 86 | 108 | 126 | 144 | 176 |
| EO Items | 1 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 |
| PBT After EO Exp | 40 | 43 | 52 | 65 | 102 | 108 | 126 | 144 | 176 |
| Tax | 11 | 10 | 1 | 7 | 26 | 25 | 32 | 36 | 45 |
| Rate (%) | 28.4 | 24.3 | 2.8 | 10.5 | 30.2 | 23.1 | 25.3 | 25.3 | 25.3 |
| MI & P/L of Asso. Cos | 0 | 0 | -0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Reported PAT | 29 | 32 | 51 | 58 | 76 | 84 | 94 | 108 | 132 |
| Change (%) | 23.8 | 12.6 | 56.5 | 14.7 | 30.8 | 9.8 | 12.9 | 14.2 | 22.7 |
| Adjusted PAT | 28 | 32 | 51 | 58 | 60 | 84 | 94 | 108 | 132 |
| Change (%) | 18.7 | 17.4 | 56.6 | 14.7 | 3.6 | 38.4 | 13.0 | 14.2 | 22.7 |

| Consolidated Balance Sheet | | | | | | | | | (INR b) |
|----------------------------|------|------|------|------|------|------|-------|-------|---------|
| Y/E March | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026E | 2027E | 2028E |
| Share Capital | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Reserves | 129 | 151 | 190 | 232 | 288 | 346 | 414 | 492 | 594 |
| Net Worth | 132 | 154 | 193 | 236 | 291 | 350 | 417 | 495 | 598 |
| Minority Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Loans | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Differed Tax Liability | -5 | -1 | -6 | -11 | -15 | -16 | -16 | -16 | -16 |
| Capital Employed | 187 | 154 | 188 | 225 | 277 | 334 | 402 | 480 | 582 |
| Gross Fixed Assets | 122 | 132 | 140 | 159 | 172 | 184 | 224 | 274 | 334 |
| Less: Depreciation | 48 | 60 | 72 | 90 | 104 | 118 | 133 | 152 | 175 |
| Net Fixed Assets | 74 | 72 | 68 | 68 | 67 | 67 | 91 | 123 | 160 |
| Capital WIP | 20 | 19 | 25 | 19 | 25 | 31 | 31 | 31 | 31 |
| Investments | 10 | 11 | 14 | 15 | 16 | 18 | 18 | 18 | 18 |
| Curr. Assets | 424 | 415 | 472 | 559 | 658 | 932 | 1,125 | 1,352 | 1,719 |
| Inventory | 194 | 167 | 143 | 121 | 132 | 217 | 262 | 317 | 409 |
| Debtors | 191 | 141 | 125 | 141 | 165 | 205 | 249 | 301 | 388 |
| Cash & Bank Balance | 3 | 72 | 143 | 203 | 264 | 382 | 459 | 547 | 681 |
| Loans & Advances | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Current Assets | 35 | 35 | 61 | 93 | 96 | 128 | 155 | 187 | 241 |
| Current Liab. & Prov. | 341 | 363 | 391 | 436 | 490 | 713 | 863 | 1,043 | 1,345 |
| Creditors | 41 | 23 | 26 | 31 | 34 | 51 | 62 | 75 | 96 |
| Other Liabilities | 237 | 328 | 302 | 324 | 364 | 559 | 676 | 818 | 1,055 |
| Provisions | 63 | 13 | 63 | 81 | 92 | 103 | 124 | 151 | 194 |
| Net Current Assets | 83 | 51 | 81 | 123 | 169 | 219 | 262 | 309 | 374 |
| Application of Funds | 187 | 154 | 188 | 225 | 277 | 334 | 402 | 480 | 582 |

25 September 2025



Financials and valuation

| Ratios | | | | | | | | | |
|--|---|--|---|--|---|---|--|--|--|
| Y/E March | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026E | 2027E | 2028E |
| Basic (INR) | 43.1 | 48.5 | 76.0 | 87.1 | 114.0 | 125.1 | 141.2 | 161.2 | 197.9 |
| Adjusted EPS | 41.3 | 48.5 | 76.0 | 87.1 | 90.3 | 125.0 | 141.2 | 161.2 | 197.9 |
| Growth (%) | 18.7 | 17.4 | 56.6 | 14.7 | 3.6 | 38.4 | 13.0 | 14.2 | 22.7 |
| Cash EPS | 56.3 | 65.8 | 92.6 | 113.8 | 111.3 | 145.0 | 164.2 | 189.3 | 232.2 |
| Book Value | 198.1 | 230.6 | 288.8 | 352.5 | 435.7 | 523.1 | 624.3 | 740.5 | 893.4 |
| DPS | 20.0 | 15.0 | 20.0 | 25.0 | 29.5 | 38.0 | 40.0 | 45.0 | 45.0 |
| Payout (incl. Div. Tax.) | 48.5 | 30.9 | 26.3 | 28.7 | 32.7 | 30.4 | 28.3 | 27.9 | 22.7 |
| Valuation (x) | | | | | | | | | |
| P/E (standalone) | 115.6 | 98.5 | 62.9 | 54.8 | 52.9 | 38.2 | 33.8 | 29.6 | 24.1 |
| Cash P/E | 84.9 | 72.6 | 51.6 | 42.0 | 42.9 | 32.9 | 29.1 | 25.2 | 20.6 |
| EV/EBITDA | 66.3 | 58.5 | 56.4 | 44.8 | 35.9 | 29.3 | 24.5 | 20.4 | 15.8 |
| EV/Sales | 15.2 | 13.6 | 12.4 | 11.1 | 9.8 | 9.1 | 7.3 | 5.8 | 4.3 |
| Price/Book Value | 24.1 | 20.7 | 16.5 | 13.6 | 11.0 | 9.1 | 7.7 | 6.4 | 5.3 |
| Dividend Yield (%) | 0.4 | 0.3 | 0.4 | 0.5 | 0.6 | 0.8 | 0.8 | 0.9 | 0.9 |
| Profitability Ratios (%) | | | | | | | | | |
| RoE | 20.9 | 21.0 | 26.3 | 24.7 | 20.7 | 23.9 | 22.6 | 21.8 | 22.2 |
| RoCE | 16.1 | 22.3 | 27.4 | 26.2 | 21.8 | 24.9 | 23.4 | 22.4 | 22.6 |
| RoIC | 16.1 | 44.7 | 137.4 | 648.5 | NA | NA | NA | NA | NA |
| Turnover Ratios | | | | | | | | | |
| Debtors (Days) | 325 | 225 | 185 | 191 | 202 | 242 | 242 | 242 | 242 |
| Inventory (Days) | 331 | 266 | 213 | 165 | 162 | 255 | 255 | 255 | 255 |
| Creditors. (Days) | 70 | 36 | 38 | 42 | 42 | 60 | 60 | 60 | 60 |
| Asset Turnover (x) | 1.1 | 1.5 | 1.3 | 1.2 | 1.1 | 0.9 | 0.9 | 0.9 | 1.0 |
| Leverage Ratio | | | | | | | | | |
| Net Debt/Equity (x) | 0.4 | -0.5 | -0.7 | -0.9 | -0.9 | -1.1 | -1.1 | -1.1 | -1.1 |
| | | | | | | | | | |
| Consolidated Cash Flow Stateme | ent | | | | | | | | (INR b |
| Y/E March | 2020 | 2021 | 2022 | 2023 | 2024 | 2025E | 20265 | | 20205 |
| PBT before EO Items | | | | | | | 2026E | 2027E | 2028E |
| Scioic Lo itcilis | 40 | 43 | 52 | 65 | 102 | 109 | 126 | 2027E 144 | |
| Add : Depreciation | 40 10 | 43 12 | | | | | | | |
| | | | 52 | 65 | 102 | 109 | 126 | 144 | 177 23 |
| Add : Depreciation | 10 | 12 | 52 13 | 65 24 | 102 14 | 109 14 | 126 15 | 144 19 | 177 23 0 |
| Add : Depreciation Interest | 10 3 | 12 2 | 52 13 1 | 65 24 0 | 102 14 0 | 109 14 0 | 126 15 0 | 144 19 0 | 177 23 0 45 |
| Add : Depreciation Interest Less : Direct Taxes Paid | 10 3 18 | 12 2 9 | 52 13 1 10 | 65 24 0 28 | 102 14 0 20 | 109 14 0 35 | 126 15 0 32 | 144 19 0 36 | 177 23 0 45 -69 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC | 10 3 18 32 | 12 2 9 -92 | 52 13 1 10 -16 | 65 24 0 28 -5 | 102 14 0 20 31 | 109 14 0 35 -48 | 126 15 0 32 -34 | 144 19 0 36 -41 | 177 23 0 45 -69 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA | 10 3 18 32 12 | 12 2 9 -92 10 | 52 13 1 10 -16 30 | 65 24 0 28 -5 22 | 102 14 0 20 31 16 | 109 14 0 35 -48 2 | 126 15 0 32 -34 -29 | 144 19 0 36 -41 -33 | 177 23 0 45 -69 -40 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations | 10 3 18 32 12 15 | 12 2 9 -92 10 151 | 52 13 1 10 -16 30 102 | 65 24 0 28 -5 22 | 102 14 0 20 31 16 82 | 109 14 0 35 -48 2 136 | 126 15 0 32 -34 -29 | 144 19 0 36 -41 -33 | 177 23 0 45 -69 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA | 10 3 18 32 12 15 | 12 2 9 -92 10 151 -7 | 52 13 1 10 -16 30 102 -8 | 65 24 0 28 -5 22 88 -8 | 102 14 0 20 31 16 82 -9 | 109 14 0 35 -48 2 136 -9 | 126 15 0 32 -34 -29 115 -40 | 144 19 0 36 -41 -33 135 -50 | 177 23 0 45 -69 -40 184 -60 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow | 10 3 18 32 12 15 -9 6 | 12 2 9 -92 10 151 -7 145 | 52 13 1 10 -16 30 102 -8 94 | 65 24 0 28 -5 22 88 -8 | 102 14 0 20 31 16 82 -9 | 109 14 0 35 -48 2 136 -9 | 126 15 0 32 -34 -29 115 -40 | 144 19 0 36 -41 -33 135 -50 | 177 23 0 45 -69 -40 184 -60 124 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments | 10 3 18 32 12 15 -9 6 | 12 2 9 -92 10 151 -7 145 | 52 13 1 10 -16 30 102 -8 94 -115 | 65 24 0 28 -5 22 88 -8 81 | 102 14 0 20 31 16 82 -9 73 | 109 14 0 35 -48 2 136 -9 127 -116 | 126 15 0 32 -34 -29 115 -40 75 | 144 19 0 36 -41 -33 135 -50 85 | 177 23 0 45 -69 -40 184 -60 124 0 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others | 10 3 18 32 12 15 -9 6 -1 | 12 2 9 -92 10 151 -7 145 -1 | 52 13 1 10 -16 30 102 -8 94 -115 | 65 24 0 28 -5 22 88 -8 81 -47 | 102 14 0 20 31 16 82 -9 73 -64 | 109 14 0 35 -48 2 136 -9 127 -116 17 | 126 15 0 32 -34 -29 115 -40 75 0 29 | 144 19 0 36 -41 -33 135 -50 85 0 33 | 177 23 0 45 -69 -40 184 -60 124 0 40 -20 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments | 10 3 18 32 12 15 -9 6 -1 -4 | 12 2 9 -92 10 151 -7 145 -1 -5 | 52 13 1 10 -16 30 102 -8 94 -115 -5 | 65 24 0 28 -5 22 88 -8 81 -47 -3 | 102 14 0 20 31 16 82 -9 73 -64 9 | 109 14 0 35 -48 2 136 -9 127 -116 17 -108 | 126 15 0 32 -34 -29 115 -40 75 0 29 -11 | 144 19 0 36 -41 -33 135 -50 85 0 33 -17 | 23 0 45 -69 -40 184 -60 124 0 40 - 20 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments (Inc)/Dec in Net Worth | 10 3 18 32 12 15 -9 6 -1 -4 -13 | 12 2 9 -92 10 151 -7 145 -1 -5 -12 | 52 13 1 10 -16 30 102 -8 94 -115 -5 -128 | 65 24 0 28 -5 22 88 -8 81 -47 -3 -57 0 | 102 14 0 20 31 16 82 -9 73 -64 9 | 109 14 0 35 -48 2 136 -9 127 -116 17 -108 0 | 126 15 0 32 -34 -29 115 -40 75 0 29 -11 | 144 19 0 36 -41 -33 135 -50 85 0 33 -17 | 177 23 0 45 -69 -40 184 -60 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments (Inc)/Dec in Net Worth (Inc)/Dec in Debt | 10 3 18 32 12 15 -9 6 -1 -4 -13 | 12 2 9 -92 10 151 -7 145 -1 -5 -12 0 | 52 13 1 10 -16 30 102 -8 94 -115 -5 -128 0 -0 | 65 24 0 28 -5 22 88 -8 81 -47 -3 -57 0 | 102 14 0 20 31 16 82 -9 73 -64 9 | 109 14 0 35 -48 2 136 -9 127 -116 17 -108 0 0 | 126 15 0 32 -34 -29 115 -40 75 0 29 -11 0 0 | 144 19 0 36 -41 -33 135 -50 85 0 33 -17 0 | 177 23 0 45 -69 -40 184 -60 124 0 40 -20 0 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments (Inc)/Dec in Net Worth (Inc)/Dec in Debt Less: Interest Paid | 10 3 18 32 12 15 -9 6 -1 -4 -13 0 18 3 | 12 2 9 -92 10 151 -7 145 -1 -5 -12 0 -59 | 52 13 1 10 -16 30 102 -8 94 -115 -5 -128 0 -0 1 | 65 24 0 28 -5 22 88 -8 81 -47 -3 -57 0 0 1 | 102 14 0 20 31 16 82 -9 73 -64 9 -64 | 109 14 0 35 -48 2 136 -9 127 -116 17 -108 0 0 0 | 126 15 0 32 -34 -29 115 -40 75 0 29 -11 0 0 0 | 144 19 0 36 -41 -33 135 -50 85 0 33 -17 0 0 0 | 177 23 0 45 -69 -40 184 -60 124 0 40 -20 0 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments (Inc)/Dec in Net Worth (Inc)/Dec in Debt Less: Interest Paid Dividend Paid | 10 3 18 32 12 15 -9 6 -1 -4 -13 0 18 3 13 | 12 2 9 -92 10 151 -7 145 -1 -5 -12 0 -59 2 | 52 13 1 10 -16 30 102 -8 94 -115 -5 -128 0 -0 1 13 | 65 24 0 28 -5 22 88 -8 81 -47 -3 -57 0 0 1 | 102 14 0 20 31 16 82 -9 73 -64 9 -64 0 0 | 109 14 0 35 -48 2 136 -9 127 -116 17 -108 0 0 0 25 | 126 15 0 32 -34 -29 115 -40 75 0 29 -11 0 0 0 27 | 144 19 0 36 -41 -33 135 -50 85 0 33 -17 0 0 0 30 | 177 23 0 45 -69 -40 184 -60 124 0 40 -20 0 0 30 0 |
| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments (Inc)/Dec in Net Worth (Inc)/Dec in Debt Less: Interest Paid Dividend Paid Others | 10 3 18 32 12 15 -9 6 -1 -4 -13 0 18 3 13 | 12 2 9 -92 10 151 -7 145 -1 -5 -12 0 -59 2 10 -0 | 52 13 1 10 -16 30 102 -8 94 -115 -5 -128 0 -0 1 13 -0 | 65 24 0 28 -5 22 88 -8 81 -47 -3 -57 0 0 1 17 -0 | 102 14 0 20 31 16 82 -9 73 -64 9 -64 0 0 | 109 14 0 35 -48 2 136 -9 127 -116 17 -108 0 0 0 25 -0 | 126 15 0 32 -34 -29 115 -40 75 0 29 -11 0 0 27 0 | 144 19 0 36 -41 -33 135 -50 85 0 33 -17 0 0 0 30 0 | 177 23 0 45 -69 -40 184 -60 124 0 40 -20 0 30 0 -30 |
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| Add: Depreciation Interest Less: Direct Taxes Paid (Inc)/Dec in WC Others CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments Others CF from Investments (Inc)/Dec in Net Worth (Inc)/Dec in Debt Less: Interest Paid Dividend Paid Others CF from Fin. Activity Inc/Dec of Cash | 10 3 18 32 12 15 -9 6 -1 -4 -13 0 18 3 13 -0 1 | 12 2 9 -92 10 151 -7 145 -1 -5 -12 0 -59 2 10 -0 -71 69 | 52 13 1 10 -16 30 102 -8 94 -115 -5 -128 0 -0 1 13 -0 -15 -41 | 65 24 0 28 -5 22 88 -8 81 -47 -3 -57 0 0 1 17 -0 -17 | 102 14 0 20 31 16 82 -9 73 -64 9 -64 0 0 0 -0 -20 -2 | 109 14 0 35 -48 2 136 -9 127 -116 17 -108 0 0 25 -0 -26 3 | 126 15 0 32 -34 -29 115 -40 75 0 29 -11 0 0 27 0 -27 | 144 19 0 36 -41 -33 135 -50 85 0 33 -17 0 0 0 30 0 -30 88 | 177 23 0 45 -69 -40 184 -60 124 0 40 -20 0 0 30 |

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| 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.

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