

Cummins



10,800

S&P CNX BSE SENSEX 36,675

TP: INR330 (-23%) **CMP: INR430 Downgrade to Sell**

All hopes on CPCB-IV, but will end markets support?



Motilal Oswal values your support in the Asiamoney Brokers Poll 2020 for India Research, Sales and Trading team. We request your ballot.



Stock Info

| Bloomberg | KKC IN |
|-----------------------|-------------|
| Equity Shares (m) | 277 |
| M.Cap.(INRb)/(USDb) | 119.1 / 1.6 |
| 52-Week Range (INR) | 766 / 282 |
| 1, 6, 12 Rel. Per (%) | 5/-15/-34 |
| 12M Avg Val (INR M) | 482 |
| Free float (%) | 49.0 |

Financials Snapshot (INR b)

| Y/E Mar | 2020 | 2021E | 2022E |
|---------------|--------|--------|-------|
| Sales | 51.6 | 44.4 | 55.5 |
| EBITDA | 5.9 | 4.7 | 7.1 |
| PAT | 6.4 | 4.3 | 6.1 |
| EBITDA (%) | 11.4 | 10.6 | 12.8 |
| EPS (INR) | 23.3 | 15.4 | 22.1 |
| EPS Gr. (%) | (10.8) | (33.6) | 43.1 |
| BV/Sh. (INR) | 150.6 | 156.8 | 163.0 |
| Ratios | | | |
| Net D/E | 0.0 | (0.0) | 0.0 |
| RoE (%) | 15.4 | 9.8 | 13.6 |
| RoCE (%) | 14.0 | 9.0 | 12.3 |
| Payout (%) | 90.3 | 60.0 | 72.0 |
| Valuations | | | |
| P/E (x) | 18.5 | 27.9 | 19.5 |
| P/BV (x) | 2.9 | 2.7 | 2.6 |
| EV/EBITDA (x) | 20.4 | 25.0 | 16.9 |
| Div Yield (%) | 3.8 | 1.7 | 3.0 |
| FCF Yield (%) | 3.0 | 1.6 | 0.4 |

- CPCB-IV related opportunity the best (only) bet: The transition from CPCB-II to CPCB-IV (4th phase of emission standards proposed by Central Pollution Control Board) is touted to be beneficial for Cummins India, led by its access to technology as well as its first-mover advantage. On account of this transition, price hikes are likely to be >20% and may even be higher for certain categories. However, we note that: (a) technology access may not be as big a barrier to competitors (KOEL, Mahindra, and Perkins), (b) end markets may not be strong enough to absorb such steep price hikes (similar learning from the earlier transition from CPCB-I to CPCB-II), (c) the implementation date is set as July 2021, which may be pushed by six to nine months, especially given the COVID-19-led disruption.
- Input costs to rise, but end markets may not be supportive: The shift to CPCB-IV would imply higher input cost, necessitating price hikes. However, the key end markets – Manufacturing, Real Estate, Retail, and Hospitality – are likely to remain under pressure, with a sluggish growth outlook over the next two years. Private capex is expected to be weak given the low capacity utilization witnessed even prior to the COVID-19 situation. In such a scenario, the ability to pass on the input price hikes may prove challenging, in our view.
- Precisely how it panned out last time: Even the transition to CPCB-II met with a similar fate, with an anticipation of pre-buying, followed by price hikes, and hope of earnings growth. While pre-buying was limited to just 5-10%, weakness in the end markets eventually outweighed the same. Cummins did take a price hike of 10–15% to start with, only to reverse it later. The ultimate conclusion is that end-market fundamentals remain the key driver for margins over the longer run. Given the weak outlook for the end markets and limited pricing power in the Gensets industry, we refrain from being bullish on CPCB-IV opportunities.
- Core business on structural downtrend until macro supports: While we acknowledge Cummins' strong parentage and access to superior technology, the company finds itself operating in an industry driven more by macro fundamentals. Currently, macro headwinds remain too strong for the industry to witness double-digit growth on a sustainable basis in the domestic market. Exports (down to 25% of revenue from 30% in FY19) remain too volatile to predict the growth trajectory. Such strong macro headwinds are resulting in sharp deterioration in the core business' return ratios. Cummins' RoEs have almost halved over the past five years to 15.5% in FY20, showing maximum erosion in our coverage universe. The core business' RoIC stood at just 11% in FY20, much lower than Siemens (26%) and ABB (16%), which have worked toward transforming their business models to adapt to changing realities.
- Other income forms 43% of PBT in FY20: Other income, largely driven by dividend and rental income, constituted 43% of PBT in FY20 and supported the company's overall RoEs. Adj. for the same, RoEs fell to 8.7% in FY20 from a reported 15.5%, indicating the pain in the core business.

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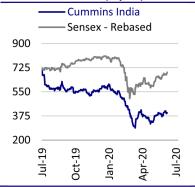
MOTILAL OSWAL Cummins

Shareholding pattern (%)

| As On | Mar-20 | Dec-19 | Mar-19 |
|----------|--------|--------|--------|
| Promoter | 51.0 | 51.0 | 51.0 |
| DII | 30.4 | 31.8 | 27.2 |
| FII | 7.5 | 6.3 | 9.1 |
| Others | 11.2 | 10.9 | 12.7 |

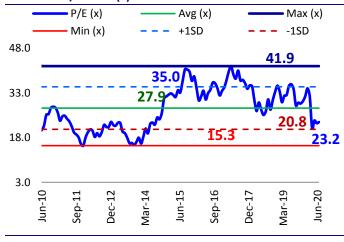
FII Includes depository receipts

Stock Performance (1-year)



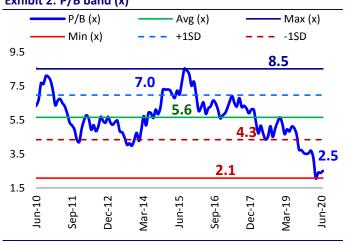
- Historical valuation may be meaningless if EVA declines: With core RoICs of 11–12% and core RoEs of <10%, we believe the stock deserves to trade at a significant discount to its historical trading multiples from the perspective of economic value addition. In fact, a comparison of Cummins, Siemens, and Thermax on core RoICs v/s core PE multiples suggests that while the core RoIC differentials of both Cummins and Thermax have deteriorated against Siemens', the same trend is yet to be witnessed in the PE differentials.
- with lower TP of INR330: We downgrade Cummins to Sell with lower TP of INR330 (from INR360) as we lower our target multiple to 15x from 16x earlier. We acknowledge that despite macro headwinds, the company has done a commendable job in FCF conversion, resulting in a strong balance sheet. Rental and dividend incomes have enabled the company to significantly increase dividend payouts over the years, owing to which it has one of the best payout ratios in the Capital Goods sector. However, the lack of growth drivers is yet to be fully factored in the valuations, in our view.

Exhibit 1: P/E band (x)



Source: Company, MOFSL

Exhibit 2: P/B band (x)



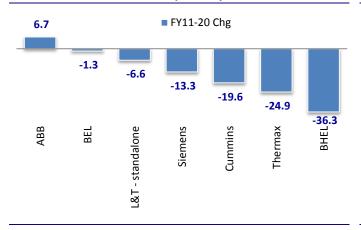
Source: Company, MOFSL

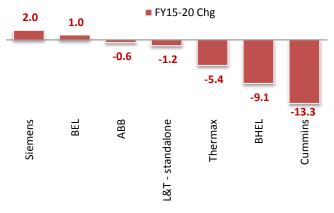
Deteriorating business fundamentals, driven by strong macro headwinds

Notably, while many companies in the Capital Goods space have seen a downward trajectory in return rations, Cummins' problems have started over the past few years rather than in the early part of the decade. Thus, while it ranks the third worst in terms of RoE decline from a 10-year time frame, it ranks the worst when seen from a five-year time frame. We believe the company has a long struggle ahead before there is any revival in sight.

Exhibit 3: RoE trend analysis – BHEL, Thermax, Cummins see maximum deterioration over past 10 years

Exhibit 4: Cummins' RoE deterioration started lately as it ranks lowest v/s peers over past five years





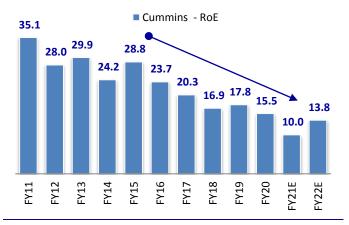
Source: MOFSL, Company

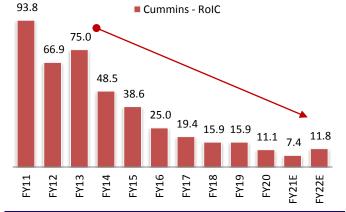
Source: MOFSL, Company

Even after factoring a weak capital cycle, Cummins fairs poorly v/s peers on return ratios, suggesting structural deterioration in the business fundamentals. Not only have RoEs deteriorated to 15% currently from a range of 25%+, RoICs (which present a better picture on core returns) have come down to 11%. From the perspective of economic value addition, we believe the core business is now generating lower returns than the expected CoE of 12–13%.

Exhibit 5: Cummins' RoEs have almost halved over the past five years to 15.5% in FY20

Exhibit 6: RoIC erosion even higher, suggesting issues with core business performance





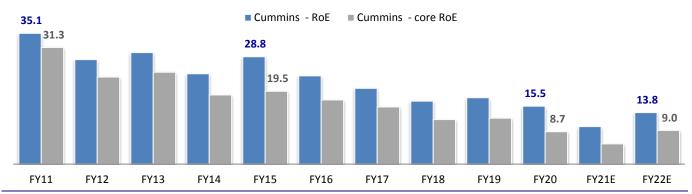
Source: MOFSL, Company

Source: MOFSL, Company

7 July 2020

 Earnings growth is entirely supported by other income. Excluding this, RoE deterioration has been even more severe (<10%).

Exhibit 7: Reported RoEs supported by other income; core RoEs fall to just 8.7% v/s overall RoE of 15.5% in FY20



Source: MOFSL, Company

Cummins' RoIC ranks lower than sector-average core RoICs. Although FY20 was impacted by COVID-19, the reading was the same for FY19 as well.

Exhibit 8: RoIC comparison (FY19)

RoIC (%)

29.5

23.3

21.3

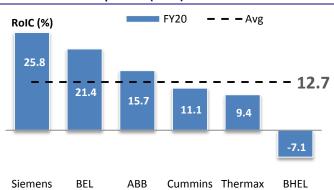
15.9

15.7

5.0

BEL Siemens ABB Cummins Thermax BHEL

Exhibit 9: RoIC comparison (FY20)



Source: MOFSL, Company

Source: MOFSL, Company

The stock trades at long-term average one-year forward PE. If evaluated on core PE v/s core RoE, the PE multiples are yet to factor deterioration of core RoE, as indicated by the gap between the two.

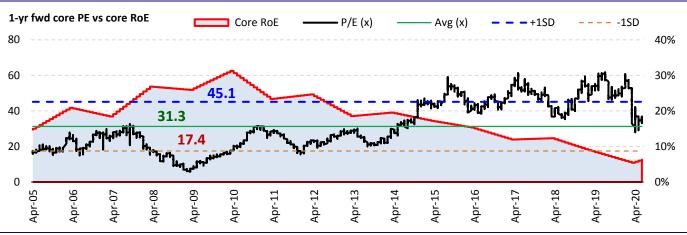
Exhibit 10: Despite absolute stock price correction, valuations have not followed deteriorating RoE profile



Source: MOFSL, Company

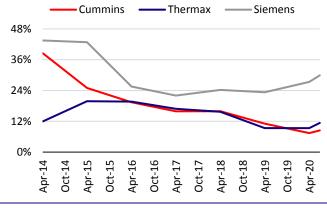
Also, a key point to note is that in the earlier cycle, when RoEs were higher, the stock's max PE = the current average PE multiple.

Exhibit 11: Core PE higher than maximum PE over FY04–14 despite core RoE dropping to single digits



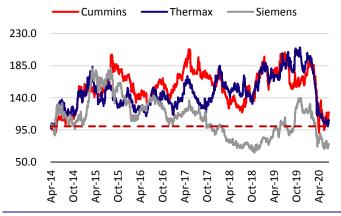
Source: MOFSL, Company

Exhibit 12: RoIC trend analysis – Cummins and Thermax witness material RoIC erosion, while Siemens' RoIC stabilizes...



Source: MOFSL, Company

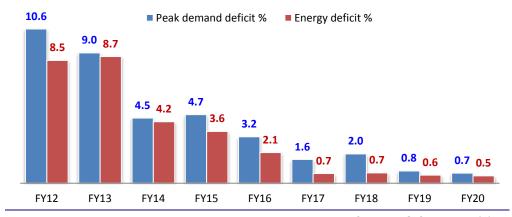
Exhibit 13: ...however, worsening of RoIC profile not reflected in relative valuations; Siemens has witnessed derating, but Cummins and Thermax have not



Source: MOFSL, Company

Key industry trends

Exhibit 14: India's power deficit reduces drastically over past decade; power gensets now play more of standby emergency role than substitute for power shortage



Source: MOFSL, Power Ministry

Exhibit 15: Domestic demand (in '000s units) rises at 5.1% CAGR over FY11-18

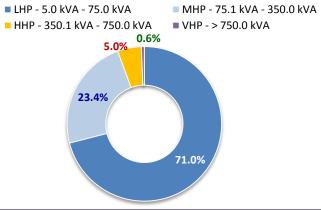


Source: MOFSL, Powerica RHP

Exhibit 16: Rating-wise breakup, by value (FY18)

LHP - 5.0 kVA - 75.0 kVA
 MHP - 75.1 kVA - 350.0 kVA
 VHP - > 750.0 kVA
 37.5%
 37.5%

Exhibit 17: Rating-wise breakup, by volume (FY18)

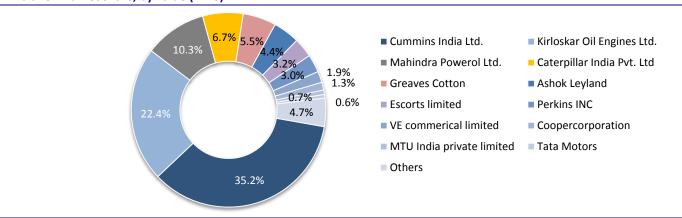


Source: MOFSL, Powerica RHP

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Source: MOFSL, Powerica RHP

Exhibit 18: Market share, by value (FY18)



Source: MOFSL, Powerica RHP

Exhibit 19: End-market breakup of Powergen industry – Manufacturing, Real Estate, Retail form bulk of demand

Exhibit 20: Declining GFCF suggests challenges for capex-related domestic demand for power gensets

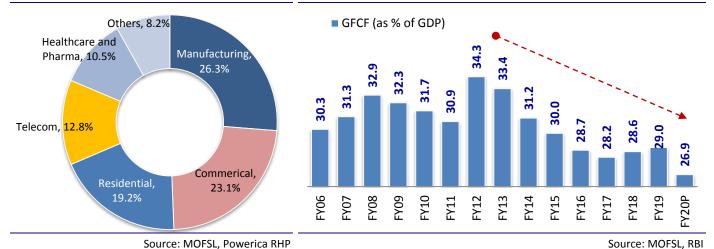
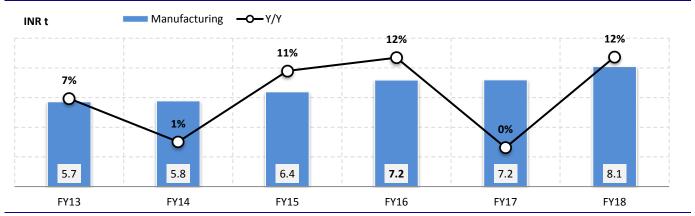
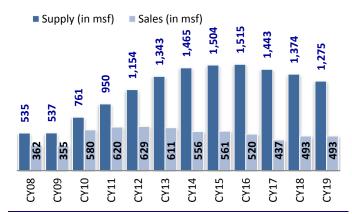


Exhibit 21: Manufacturing sector forms >1/4th of end market, but has risen at just 7% CAGR over FY12–18



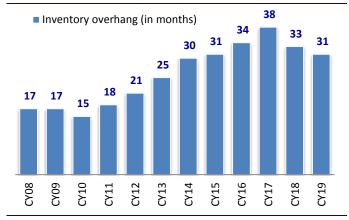
Source: MOFSL, MoSPI

Exhibit 22: Residential supply outpaces absorption rate...



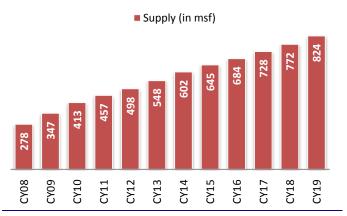
Source: MOFSL, Company

Exhibit 23: ...leading to rising levels of inventory over CY08–19



Source: MOFSL, Company

Exhibit 24: Supply steadily rises for commercial real estate (office spaces)



Source: MOFSL, Company

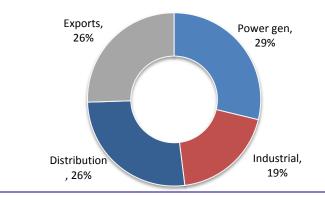
Exhibit 25: Though vacancy rates have improved off late, the scenario may change drastically due to COVID-19



Source: MOFSL, Company

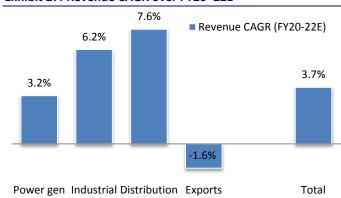
Story in charts

Exhibit 26: FY20 share of revenue



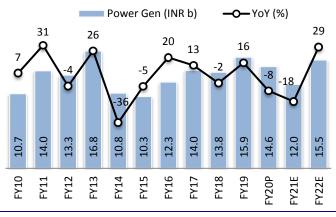
Source: MOFSL, Company

Exhibit 27: Revenue CAGR over FY20-22E



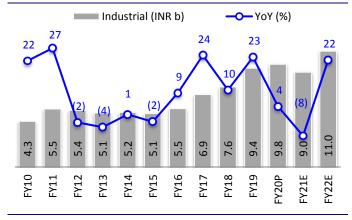
Source: MOFSL, Company

Exhibit 28: Powergen segment is expected to rise at a 3.2% CAGR over FY20–22E v/s 3.1% CAGR over FY10–20



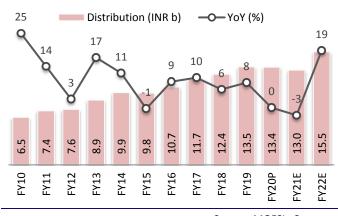
Source: MOFSL, Company

Exhibit 29: Industrial segment would grow at 6.2% CAGR over FY20–22E v/s 8.5% CAGR over FY10–20



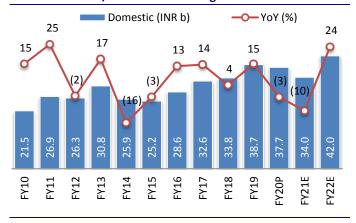
Source: MOFSL, Company

Exhibit 30: Distribution segment would grow at 7.6% CAGR over FY20–22E v/s 7.5% CAGR during FY10–20



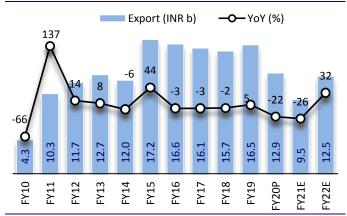
Source: MOFSL, Company

Exhibit 31: Domestic segment would grow at 5.5% CAGR over FY20–22E v/s 5.8% CAGR during FY10–20



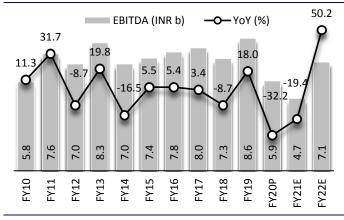
Source: MOFSL, Company

Exhibit 32: Exports would de-grow at 1.6% CAGR over FY20–22E v/s 11.5% CAGR growth over FY10–20



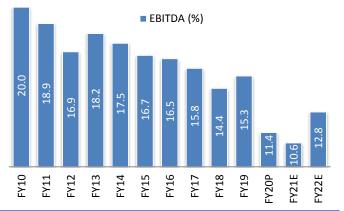
Source: Company, MOFSL

Exhibit 33: EBITDA would grow at 10% CAGR over FY20–22E v/s flat growth over FY10–20



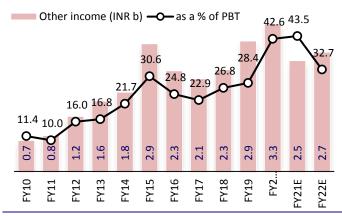
Source: Company, MOFSL

Exhibit 34: Declining EBITDA margin trend attributable to weak pricing power in India and declining share of exports



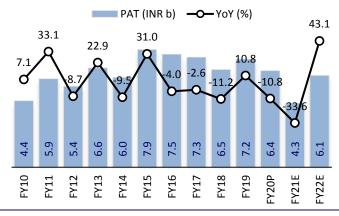
Source: Company, MOFSL

Exhibit 35: Other income formed 43% of PBT in FY20 and has grown at 17% CAGR over FY10–20



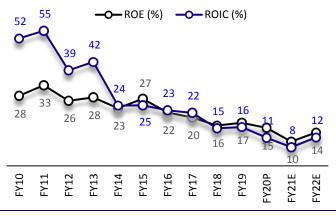
Source: Company, MOFSL

Exhibit 36: PAT would de-grow at 2.5% CAGR over FY20–22E v/s 3.8% over FY10–20



Source: Company, MOFSL

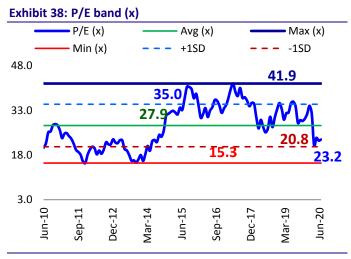
Exhibit 37: RoE/RoIC have gradually declined over FY10–20, and are expected to remain under pressure

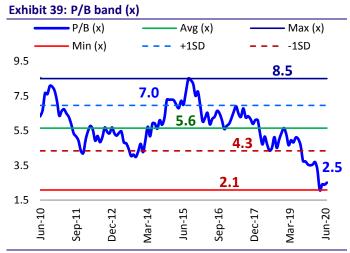


Source: Company, MOFSL

Valuation and view

We downgrade Cummins to Sell, with lower TP of INR330 (from INR360), as we lower our target multiple to 15x from 16x earlier. We acknowledge that despite macro headwinds, the company has done a commendable job in FCF conversion, resulting in a strong balance sheet. Rental and dividend incomes have enabled the company to significantly increase dividend payouts over the years, owing to which it has one of the best payout ratios in the Capital Goods sector. However, the lack of growth drivers is yet to be fully factored in the valuations, in our view.





Source: Company, MOFSL

Source: Company, MOFSL

Financials and valuations

| Income Statement | | | | | | (INR m) |
|-----------------------|--------|--------|--------|--------|--------|---------|
| Y/E March | 2017 | 2018 | 2019 | 2020 | 2021E | 2022E |
| Total Revenues | 50,773 | 50,825 | 56,590 | 51,577 | 44,365 | 55,495 |
| Change (%) | 7.8 | 0.1 | 11.3 | -8.9 | -14.0 | 25.1 |
| Raw Materials | 32,745 | 32,581 | 36,135 | 33,679 | 28,969 | 36,237 |
| Staff Cost | 4,334 | 4,979 | 5,458 | 5,602 | 4,994 | 5,506 |
| Other Expenses | 5,677 | 5,940 | 6,356 | 6,434 | 5,679 | 6,659 |
| EBITDA | 8,018 | 7,325 | 8,641 | 5,863 | 4,723 | 7,093 |
| % of Total Revenues | 15.8 | 14.4 | 15.3 | 11.4 | 10.6 | 12.8 |
| Depreciation | 848 | 938 | 1,103 | 1,187 | 1,289 | 1,385 |
| Other Income | 2,080 | 2,285 | 2,928 | 3,315 | 2,486 | 2,678 |
| Interest | 168 | 148 | 162 | 203 | 200 | 200 |
| PBT | 9,082 | 8,523 | 10,304 | 7,789 | 5,720 | 8,186 |
| Tax | 1,736 | 2,000 | 3,078 | 1,341 | 1,440 | 2,060 |
| Rate (%) | 19.1 | 23.5 | 29.9 | 17.2 | 25.2 | 25.2 |
| Adjusted PAT | 7,346 | 6,524 | 7,226 | 6,448 | 4,280 | 6,126 |
| Extra-ordinary Income | 0 | 561 | 0 | -155 | 0 | 0 |
| Reported PAT | 7,346 | 7,085 | 7,226 | 6,293 | 4,280 | 6,126 |
| Change (%) | -2.6 | -3.6 | 2.0 | -12.9 | -32.0 | 43.1 |

| Balance Sheet | | | | | | (INR m) |
|------------------------|--------|--------|--------|--------|--------|---------|
| Y/E March | 2017 | 2018 | 2019 | 2020 | 2021E | 2022E |
| Share Capital | 554 | 554 | 554 | 554 | 554 | 554 |
| Reserves | 36,867 | 39,306 | 40,750 | 41,195 | 42,907 | 44,622 |
| Net Worth | 37,422 | 39,861 | 41,305 | 41,750 | 43,462 | 45,177 |
| Loans | 2,508 | 2,515 | 3,092 | 4,854 | 4,854 | 4,854 |
| Deferred Tax Liability | 24 | 299 | 988 | 800 | 800 | 800 |
| Capital Employed | 39,953 | 42,675 | 45,384 | 47,404 | 49,116 | 50,831 |
| Gross Fixed Assets | 22,705 | 28,665 | 29,676 | 32,837 | 34,837 | 37,837 |
| Less: Depreciation | 7,703 | 8,445 | 9,548 | 10,499 | 11,789 | 13,174 |
| Net Fixed Assets | 15,001 | 20,193 | 20,128 | 22,338 | 23,048 | 24,663 |
| Capital WIP | 4,631 | 380 | 1,585 | 800 | 800 | 800 |
| Investments | 7,074 | 5,487 | 2,853 | 8,240 | 8,240 | 8,240 |
| Curr. Assets | 23,702 | 29,253 | 33,970 | 28,163 | 27,467 | 30,186 |
| Inventory | 5,621 | 5,375 | 6,254 | 5,729 | 4,928 | 6,164 |
| Debtors | 9,557 | 13,263 | 12,727 | 11,316 | 10,696 | 12,163 |
| Cash & Bank Balance | 1,291 | 4,709 | 7,379 | 4,538 | 6,183 | 4,779 |
| Loans & Advances | 1,287 | 1,287 | 0 | 0 | 0 | 0 |
| Other Assets | 5,948 | 4,621 | 7,610 | 6,579 | 5,659 | 7,079 |
| Current Liab. & Prov. | 10,455 | 12,637 | 13,152 | 12,137 | 10,440 | 13,059 |
| Current Liabilities | 9,036 | 11,114 | 11,450 | 9,650 | 8,300 | 10,383 |
| Provisions | 1,419 | 1,523 | 1,702 | 2,487 | 2,139 | 2,676 |
| Net Current Assets | 13,247 | 16,616 | 20,818 | 16,026 | 17,027 | 17,127 |
| Application of Funds | 39,953 | 42,675 | 45,384 | 47,404 | 49,116 | 50,831 |

Financials and valuations

| Y/E March | 2017 | 2018 | 2019 | 2020 | 2021E | 2022E |
|--------------------------|--------|--------|--------|--------|--------|---------|
| Basic (INR) | | | | | | |
| Adj EPS | 26.5 | 23.5 | 26.1 | 23.3 | 15.4 | 22.1 |
| Cash EPS | 29.6 | 28.9 | 30.0 | 27.0 | 20.1 | 27.1 |
| Book Value | 135.0 | 143.8 | 149.0 | 150.6 | 156.8 | 163.0 |
| DPS | 14.1 | 14.0 | 16.4 | 16.4 | 7.4 | 12.7 |
| Payout (incl. Div. Tax.) | 63.5 | 65.5 | 78.6 | 90.3 | 60.0 | 72.0 |
| Valuation (x) | | | | | | |
| P/E | 16.3 | 18.3 | 16.5 | 18.5 | 27.9 | 19.5 |
| Cash P/E | 14.6 | 14.9 | 14.3 | 16.0 | 21.5 | 15.9 |
| EV/EBITDA | 15.1 | 16.0 | 13.3 | 20.4 | 25.0 | 16.9 |
| EV/Sales | 2.4 | 2.3 | 2.0 | 2.3 | 2.7 | 2.2 |
| Price/Book Value | 3.2 | 3.0 | 2.9 | 2.9 | 2.7 | 2.6 |
| Dividend Yield (%) | 3.3 | 3.2 | 3.8 | 3.8 | 1.7 | 3.0 |
| Profitability Ratios (%) | | | | | | |
| RoE | 19.6 | 16.4 | 17.5 | 15.4 | 9.8 | 13.6 |
| RoCE | 18.7 | 15.6 | 16.2 | 14.0 | 9.0 | 12.3 |
| RoIC | 19.1 | 15.7 | 15.0 | 11.2 | 7.4 | 11.3 |
| Turnover Ratios | | | | | | |
| Debtors (Days) | 69 | 95 | 82 | 80 | 88 | 80 |
| Inventory (Days) | 40 | 39 | 40 | 41 | 41 | 41 |
| Creditors. (Days) | 44 | 54 | 53 | 49 | 49 | 49 |
| Asset Turnover (x) | 1.3 | 1.2 | 1.2 | 1.1 | 0.9 | 1.1 |
| Leverage Ratio | | | | | | |
| Net Debt/Equity (x) | 0.0 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 |
| Cash Flow Statement | | | | | | (INR m) |
| Y/E March | 2017 | 2018 | 2019 | 2020 | 2021E | 2022E |
| PBT before EO Items | 9,082 | 9,084 | 10,304 | 7,634 | 5,720 | 8,186 |
| Depreciation | 848 | 938 | 1,103 | 1,187 | 1,289 | 1,385 |
| Interest & other | -1,912 | -2,136 | -1,205 | -1,366 | -2,286 | -2,478 |
| Direct Taxes Paid | -1,736 | -2,000 | -2,361 | -1,609 | -1,440 | -2,060 |
| (Inc)/Dec in WC | 666 | 49 | -2,341 | 144 | 644 | -1,504 |
| CF from Operations | 6,948 | 5,935 | 5,500 | 5,990 | 3,927 | 3,528 |
| (Inc)/Dec in FA | -2,227 | -1,709 | -2,734 | -2,366 | -2,000 | -3,000 |
| Free Cash Flow | 4,721 | 4,226 | 2,766 | 3,624 | 1,927 | 528 |
| Investment & Others | -1,659 | 3,872 | 5,103 | -2,392 | 2,486 | 2,678 |
| CF from Investments | -3,885 | 2,163 | 2,369 | -4,758 | 486 | -322 |
| (Inc)/Dec in Debt | 2,508 | 8 | 576 | 1,762 | 0 | 0 |
| Interest Paid | -168 | -148 | -121 | -154 | -200 | -200 |
| Dividend Paid | -4,663 | -4,639 | -5,681 | -5,681 | -2,568 | -4,410 |
| CF from Fin. Activity | -2,323 | -4,779 | -5,226 | -4,073 | -2,768 | -4,610 |
| Inc/Dec of Cash | 740 | 3,319 | 2,643 | -2,841 | 1,645 | -1,404 |
| Add: Beginning Balance | 897 | 1,291 | 4,709 | 7,379 | 4,538 | 6,183 |
| Closing Balance | 1,291 | 4,709 | 7,379 | 4,538 | 6,183 | 4,779 |

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 within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

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