## Mahindra and Mahindra

## Performance Highlights

| Y/E March (₹ cr) | 3QFY11 | 3QFY10 | \% chg (yoy) | Angel est. | \% diff |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Net sales | 6,121 | 4,497 | 36.1 | 6,047 | 1.2 |
| EBITDA | 924 | 670 | 38.0 | 881 | 4.8 |
| EBITDA margin (\%) | 15.1 | 14.9 | 20 bp | 14.8 | 29 bp |
| Reported PAT | 735 | 414 | 77.6 | 611 | 20.2 |
| Adjusted PAT | 617 | 414 | 49.2 | 611 | 0.9 |

Source: Company, Angel Research
Mahindra and Mahindra (M\&M) reported strong results for 3QFY2011, which were in line with our expectations. The company's performance was led by top-line growth owing to a robust jump in volumes, increased average net realisation and marginal improvement in margins. We broadly maintain our volume and earnings estimates for the company. Owing to the recent correction in the stock price, we recommend Buy on the stock.
Healthy volume, better operating performance supported top-line growth: M\&M reported strong $36.1 \%$ yoy ( $12.6 \%$ qoq) top-line growth to ₹6, 121 cr , which was in line with our expectation and aided by a robust $32.5 \%$ yoy ( $11.8 \%$ qoq) jump in overall volumes and a $2.3 \%$ yoy ( $2.3 \%$ qoq) increase in average net realisation. During 3QFY2011, EBITDA margins came in 29bp ahead of our estimate at $15.1 \%$, a jump of 20 bp yoy (but down 138 bp qoq). Better product mix, higher commercial vehicle (CV) volumes, improved operating leverage and cost-control initiatives helped the company to marginally expand its margins. Consequently, adjusted net profit grew by $49.2 \%$ yoy to ₹617cr (₹ 414 cr ).
Outlook and valuation: M\&M's volume growth continues to surprise positively, supported by new product launches such as Xylo, GIO and Maxximo. Moreover, the planned new product launches in the passenger vehicle (PV) and commercial vehicle (CV) space are expected to help the company in sustaining its volume momentum going ahead. We broadly maintain our volume estimates and model in CAGR of $\sim 11 \%$ and $\sim 9 \%$ in utility vehicle (UV) and tractor volumes, respectively, over FY2010-12E. At ₹654, M\&M is trading at $15.1 \times$ FY2011E and 13.8x FY2012E standalone earnings. Owing to the recent correction in the stock price, we recommend Buy on M\&M. Our SOTP Target Price for M\&M works out to ₹794, wherein its core business fetches ₹592/share and the value of its investments works out to ₹202/share.

Key financials

| Y/E March (₹ cr) | FY2009 | FY2010 | FY2011E | FY2012E |
| :--- | ---: | ---: | ---: | ---: |
| Net sales | 12,927 | 18,350 | 22,373 | 26,050 |
| \% chg | 14.6 | 41.9 | 21.9 | 16.4 |
| Adj. net profit | 786 | 2,029 | 2,514 | 2,766 |
| \% chg | $(37.6)$ | 158.1 | 23.9 | 10.0 |
| EBITDA margin (\%) | 6.9 | 14.8 | 14.7 | 14.0 |
| Adj. EPS (₹) | 13.5 | 34.9 | 43.2 | 47.5 |
| P/E (x) | 45.4 | 18.2 | 15.1 | 13.8 |
| P/BV (x) | 6.8 | 4.7 | 4.0 | 3.3 |
| RoE (\%) | 21.3 | 21.5 | 26.1 | 25.0 |
| RoCE (\%) | 7.4 | 23.2 | 23.6 | 22.3 |
| EV/Sales (x) | 2.4 | 1.6 | 1.3 | 1.1 |
| EV/EBITDA (x) | 39.0 | 12.1 | 9.7 | 8.7 |


| BUY |  |
| :--- | ---: |
| CMP | $₹ 654$ |
| Target Price | ₹794 |
| Investment Period | 12 Months |
|  |  |
| Stock Info | Automobile |
| Sector | 40,176 |
| Market Cap (₹ cr) | 1.1 |
| Beta | $826 / 475$ |
| 52 Week High / Low | 242,147 |
| Avg. Daily Volume | 5 |
| Face Value (₹) | 17,463 |
| BSE Sensex | 5,226 |
| Nifty | MAHM.BO |
| Reuters Code | MM@IN |
| Bloomberg Code |  |


| Shareholding Pattern (\%) |  |
| :--- | ---: |
| Promoters | 22.8 |
| MF / Banks / Indian Fls | 33.3 |
| FII / NRls / OCBs | 35.0 |
| Indian Public / Others | 8.9 |


| Abs. (\%) | 3 m | 1 yr | 3 yr |
| :--- | ---: | :---: | ---: |
| Sensex | $(16.4)$ | 9.7 | $(0.0)$ |
| M\&M | $(18.7)$ | 36.8 | 102.6 |

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[^0]Exhibit 1: Quarterly performance

| Y/E March (₹ cr) | 3QFY11 | 3QFY10 | \% chg | 9MFY11 | 9MFY10 | \% chg |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Net sales (includes other | 6,121 | 4,497 | 36.1 | 16,716 | 13,297 | 25.7 |
| operating income) | 3,810 | 2,891 | 31.8 | 10,432 | 8,373 | 24.6 |
| Consumption of RM | 62.2 | 64.3 |  | 62.4 | 63.0 |  |
| (\% of Sales) | 348 | 330 | 5.3 | 1,019 | 932 | 9.3 |
| Staff Costs | 5.7 | 7.3 |  | 6.1 | 7.0 |  |
| (\% of Sales) | 426 | 123 | 247 | 1,043 | 376 | 178 |
| Purchases of TG | 7.0 | 2.7 |  | 6.2 | 2.8 |  |
| (\% of Sales) | 614 | 484 | 26.9 | 1,626 | 1,507 | 7.9 |
| Other Expenses | 10.0 | 10.8 |  | 9.7 | 11.3 |  |
| (\% of Sales) | 5,197 | 3,828 | 35.8 | 14,121 | 11,188 | 26.2 |
| Total expenditure | 924 | 670 | 38.0 | 2,594 | 2,110 | 23.0 |
| EBITDA | 15.1 | 14.9 |  | 15.5 | 15.9 |  |
| EBITDA margin | $12.7)$ | 8.2 | $133)$ | $(34.5)$ | 26.9 | $(228)$ |
| Interest | 102 | 98 | 3.9 | 297 | 276 | 7.5 |
| Depreciation | 42 | 24 | 72.0 | 262 | 181 | 44.6 |
| Other Income | 866 | 587 | 47.5 | 2,594 | 1,988 | 30.5 |
| PBT (excl. extr. items) | 117 | - | - | 117 | 91 | - |
| Extr. Income/(Expense) | 984 | 587 | 67.5 | 2,712 | 2,079 | 30.4 |
| PBT (incl. Extr. Items) | 16.1 | 13.1 |  | 16.2 | 15.6 |  |
| (\% of Sales) | 249 | 174 | 43.4 | 656 | 561 | 16.9 |
| Provision for Taxation | 25 | 30 |  | 24 | 27 |  |
| (\% of PBT) | 735 | 414 | 77.6 | 2,056 | 1,517 | 35.5 |
| Reported PAT | 617 | 414 | 49.2 | 1,938 | 1,427 | 35.8 |
| Adjusted PAT | 12.0 | 9.2 |  | 12.3 | 11.4 |  |
| PATM | 293.6 | 273.6 |  | 293.6 | 273.6 |  |
| Equity capital (cr) | 12.5 | 7.6 | 65.5 | 35.0 | 27.7 | 26.2 |
| EPS (₹) |  |  |  |  |  |  |

Source: Company, Angel Research

Exhibit 2: Volume performance

| Y/E March (units) | 3QFY11 | 3QFY10 | \%chg | 9MFY11 | 9MFY10 | \%chg |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Total volume | 153,833 | 116,063 | 32.5 | 423,710 | 336,209 | 26.0 |
| Auto sales - Domestic | 90,205 | 68,679 | 31.3 | 255,965 | 201,201 | 27.2 |
| Auto sales - Exports | 5,020 | 3,581 | 40.2 | 13,480 | 7,338 | 83.7 |
| Total auto sales | 95,225 | 72,260 | 31.8 | 269,445 | 208,539 | 29.2 |
| Tractor sales - Domestic | 55,488 | 40,917 | 35.6 | 145,493 | 121,528 | 19.7 |
| Tractor sales - Exports | 3,120 | 2,886 | 8.1 | 8,772 | 6,142 | 42.8 |
| Total tractor sales | 58,608 | 43,803 | 33.8 | 154,265 | 127,670 | 20.8 |

[^1]Top-line performance in line, driven by volume growth: For 3QFY2011, M\&M reported strong $36.1 \%$ yoy ( $12.6 \%$ qoq) top-line growth to ₹6, 121 cr , which was in line with our expectation and aided by a robust $32.5 \%$ yoy ( $11.8 \%$ qoq) jump in overall volumes and a $2.3 \%$ yoy ( $2.3 \%$ qoq) increase in average net realisation. In the UV segment, M\&M sold 56,211 vehicles and retained its dominant position with a market share of $62.2 \%$ on the back of Xylo and Bolero, which continued to see good offtake. Tractor volumes also registered strong $33.8 \%$ yoy growth in 3QFY2011, aided by the festival season and post harvesting period. M\&M's total market share in the tractor segment during 3QFY2011 stood at $43.3 \%(41.1 \%$ in 2QFY2011). Further, a substantial increase in other operating income at ₹ 47 cr (₹18cr in 3QFY2010) supported top-line growth.

Exhibit 3: Total volumes up 32.5\%


Exhibit 4: Average net realisation up 2.3\%


[^2]Segment-wise performance: The farm equipment and auto divisions posted a strong performance during the quarter, growing by $36.8 \%$ yoy and $35.8 \%$ yoy, respectively. PBIT margin of the auto division improved by 107 bp yoy to $12.3 \%$ (11.2\%) and that of the farm equipment division reported a marginal 19bp yoy increase to $18.5 \%$ ( $18.3 \%$ ) during 3QFY2011. However, on a sequential basis, PBIT margin of the auto division recorded a 333bp decline, while that of the farm equipment division remained healthy and grew by 138 bp .

Exhibit 5: Segment performance

| Y/E March (₹ cr) | 3QFY11 | 3QFY10 | \% chg | 9MFY11 | 9MFY10 | \% chg |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Total net sales | 6,131 | 4,506 | 36.1 | 16,742 | 13,324 | 25.7 |
| Auto | 3,472 | 2,557 | 35.8 | 9,675 | 7,501 | 29.0 |
| Farm equipment | 2,638 | 1,928 | 36.8 | 6,997 | 5,759 | 21.5 |
| Other | 21 | 21 | $(1.0)$ | 69 | 64 | 8.6 |
| Total PBIT | 914 | 640 | 42.9 | 2,534 | 2,006 | 26.3 |
| Auto | 427 | 287 | 48.7 | 1,298 | 932 | 39.2 |
| Farm equipment | 487 | 352 | 38.3 | 1,233 | 1,065 | 15.7 |
| Other | 0.6 | 0.7 | $(10.4)$ | 3.6 | 8.6 | $(58.3)$ |
| PBIT/Sales (\%) |  |  |  |  |  |  |
| Total PBIT | 14.9 | 14.2 |  | 15.1 | 15.1 | 14.9 |
| Auto | 12.3 | 11.2 |  | 13.4 | 12.4 | 12.3 |
| Farm equipment | 18.5 | 18.3 |  | 17.6 | 18.5 | 18.5 |
| Other | 2.9 | 3.2 |  | 5.2 | 13.5 | 2.9 |

[^3]Operating performance marginally ahead of estimates: M\&M's EBITDA margins for 3QFY2011 came in 29bp ahead of our estimates at 15.1\%, a jump of 20bp yoy; however, it fell by 138bp qoq. Margin expansion on a yoy basis was supported by lower raw-material cost as a percentage of net sales at $62.7 \% \mathrm{v} / \mathrm{s}$ $64.6 \%$ in 3QFY2010. However, raw-material cost for the quarter increased by almost 58 bp qoq.

Noticeably, for the quarter, purchase of traded goods as a percentage of sales witnessed a sharp jump of 427 bp to $7 \% \mathrm{v} / \mathrm{s} 2.7 \%$ in 3QFY2010, thus negatively impacting margins. Better product mix, higher CV volumes, improved operating leverage and cost-control initiatives also helped the company to save on staff costs and other expenses. Overall, operating profit registered a $38 \%$ yoy increase during 3QFY2011 to ₹924cr (₹670cr).

Exhibit 6: Sales and profitability trend


## Exhibit 7: EBITDA margin at $15.1 \%$



Source: Company, Angel Research

Adjusted net profit up $49.2 \%$ yoy: M\&M registered adjusted net profit of ₹ 617 cr (₹414cr) during the quarter, which was in line with our expectation, aided by improved operating performance and a $72 \%$ yoy increase in other income to $₹ 41.9 \mathrm{cr}$ ( $₹ 24.4 \mathrm{cr}$ in 3QFY2010). During the quarter, the company registered an extraordinary gain of $₹ 117 \mathrm{cr}$ on the exercise of put options on long-term investments in Owen Cornings India Ltd.

Consolidated performance: M\&M reported a healthy performance on the consolidated front during the quarter, with strong top-line growth of $24.9 \%$ yoy to $₹ 9,547 \mathrm{cr}$ ( $₹ 7,643 \mathrm{cr}$ ). However, consolidated group revenue is not exactly comparable with the previous year's revenue due to AT\&T exercising its stock option and Tech Mahindra ceasing to be a group subsidiary and becoming a joint venture. Consolidated bottom line for the quarter came in at ₹ 822 cr ( $₹ 474 \mathrm{cr}$ ).

Exhibit 8: Group results

| Sector (₹ cr) | 3QFY1 1 |  | 3QFY10 |  | yoy chg (\%) |  | 9MFY11 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Revenue | Results | Revenue | Results | Revenue | Results | Revenue | Results |
| Automotive | 3,771 | 402 | 2,662 | 266 | 41.7 | 51.0 | 10,506 | 1,186 |
| Farm equipment | 2,867 | 476 | 2,086 | 331 | 37.4 | 43.8 | 7,713 | 1,209 |
| IT services | 665 | 129 | 1,229 | 246 | (45.9) | (47.3) | 1,901 | 313 |
| Financial services | 544 | 214 | 403 | 143 | 34.8 | 49.7 | 1,441 | 517 |
| Trading | 183 | 19 | 144 | 20 | 26.5 | (5.4) | 505 | 67 |
| Infrastructure | 180 | 51 | 120 | 25 | 49.5 | 100.7 | 389 | 110 |
| Hospitality | 129 | 29 | 122 | 31 | 5.8 | (7.0) | 347 | 66 |
| Systech | 878 | 2 | 640 | (41) | 37.2 | (103.9) | 2,485 | 74 |
| Others | 332 | (53) | 237 | (28) | 40.3 | 89.5 | 902 | (113) |
| Total segment revenue and results | 9,547 | 1,269 | 7,643 | 993 | 24.9 | 27.7 | 26,190 | 3,429 |
| Net unallocable expenses/(Gains) |  | 52 |  | 46 |  | 11.3 |  | 109 |
| Net unallocable (Interest income)/Expense |  | 77 |  | 102 |  | (24.5) |  | 213 |
| Exceptional items income/(Expense) |  | (54) |  | 11 |  | - |  | (23) |
| Profit before tax |  | 1,194 |  | 835 |  | 43.0 |  | 3,130 |
| Current/Deferred taxes incl. FBT |  | 386 |  | 278 |  | 38.7 |  | 990 |
| Profit After Tax |  | 808 |  | 556 |  | 45.2 |  | 2,140 |
| Add/(Less): Prior-year adjustments |  | - |  | (4) |  | - |  | 3 |
| Add / (Less) - Share of associates |  | 29 |  | 4 |  | 554.1 |  | 28 |
| Less: Minority interest |  | 15 |  | 83 |  | (82.2) |  | 40 |
| Consolidated PAT excl. MI |  | 822 |  | 474 |  | 73.5 |  | 2,131 |

Source: Company, Angel Research

## Conference call - Key highlights

- Management has guided $15-18 \%$ and $10-12 \%$ industry growth for the automotive and farm equipment segments, respectively, for the remaining part of FY2011. However, rising interest rates and commodity inflation are the likely headwinds going ahead.
- M\&M's total market share during 3QFY2011 in the UV and tractor segments stood at $62.2 \%$ and $43.3 \%$, respectively. Management has indicated that the company has regained the market share lost during 1HFY2011.
- Maxximo, launched across India in the last two-three months, continues to grow well and the current production level stands at $\sim 4,500$ units/month. Management has plans to further ramp up production going ahead. GIO volumes have been picking up since the last four-five months and production has now reached about 900-1,000units/month.
- M\&M raised prices in the automotive and farm equipment segments by $3 \%$ and $5 \%$, respectively, on an average during 9MFY2011.
- M\&M continues to perform well on the exports front and recorded overall volume growth of $\sim 65 \%$ yoy during 9MFY2011. Performance is driven by strong demand from key markets (US, South Africa, Sri Lanka and Bangladesh).
- The ramp up plan at the Chakan plant remains on track. The plant produced ~11,500 units in 3QFY2011.
- Tractor demand in the country is driven by strong demand in Gujarat, Maharashtra, Orissa and Madhya Pradesh. Moreover, demand for tractors has witnessed a shift in terms of horsepower, with higher demand for greater than 40HP tractors.
- Performance of the Powerol business during the quarter continued to be negatively impacted by the slowdown in the telecom towers market. However, management stated that it was successful in maintaining its market share.
- Capex plan: M\&M has planned total investment of around $₹ 7,000 \mathrm{cr}$ over FY2011-13. Management indicated capex plan of $₹ 4,500 \mathrm{cr}$ and investment plan of ₹2,500cr over FY2011-13. M\&M is setting up a new plant at Chakan, with a capacity of $3,50,000$ vehicles, which started its Phase-1 in FY2010. The company plans to manufacture UVs and LCVs at this plant. This includes 50,000 units of M\&M's international trucks, $1,20,000$ units of a new mass market platform, 90,000 units of a new SUV (successor to the Scorpio) and 90,000 units of Ingenio variants.
- As announced earlier, total capex of $₹ 5,600$ cr would be incurred at the Chakan plant over FY2009-13E, of which ₹550cr-600cr has already been spent. M\&M's contribution to this capex is ₹ $2,000 \mathrm{cr}$, which would mostly be utilised for R\&D. MVML will spend ₹ $2,000 \mathrm{cr}$, MNAL will be spending ₹ $1,000 \mathrm{cr}$ and the balance $₹ 500 \mathrm{cr}$-₹ 600 cr would be incurred by MEPL. M\&M is also setting up a new tractor plant with annual production capacity of up to 100,000 units in South India by FY2012-13. Currently, M\&M's tractor unit is running at $100 \%$ utilisation levels, while PTL's plants are running at over $80 \%$ utilisation levels.


## Investment arguments

- Strong growth continues in core business: M\&M's UV and tractor volume growth continues to surprise positively, with $39.4 \%$ and $45.8 \%$ yoy growth reported in FY2010 primarily due to the substantial $8 \%$ market share gain in the UV segment (to $55 \%$ ). The new Xylo and the established Scorpio and Bolero contributed to the robust UV volume growth. M\&M has also performed well above our expectations in its farm equipment segment. Thus, we have modeled a CAGR of $\sim 11 \%$ in UV volumes over FY2010-12E for M\&M, with minimum competition in the UV space, and continue to maintain our tractor volume CAGR assumption of $\sim 9 \%$ (including Swaraj).
- New ventures firming up well: M\&M's new ventures in the CV space are firming up well. New product launches such as GIO and Maxximo have received good response. Further, the new product launch in the M\&HCV space would position the company well in line with other major domestic CV players such as Ashok Leyland and Tata Motors over the next $2-3$ years, aided by its well-known brand equity and extensive sales network. This is expected to substantially augment the company's overall volume growth.
- Systech operations poised to benefit from the rebound: Systech should be a key beneficiary of the growing trend of component sourcing from lower-cost countries, given its existing relationships with global OEMs. Systech management is focused on creating shareholder value and has set a goal of achieving EBITDA of ₹500cr-600cr, with 75\% coming from Europe and the rest from India. Management believes this is achievable even at 30\% below peak levels. We believe these moves will start contributing positively to M\&M's consolidated EPS, when the global industry cycle takes a positive turn.
- Investments constitute $59 \%$ of the balance sheet: $M \& M$ also has majority stakes in various listed companies in other sectors, including technology, property and finance. The high growth potential of M\&M's subsidiaries is expected to unlock the actual value of the stock over the years. Listing of its subsidiaries has been supporting M\&M's valuation in the recent past and may continue to do so in the long term as well.


## Outlook and valuation

M\&M's volume growth continues to surprise positively, supported by new product launches such as Xylo, GIO and Maxximo. Moreover, the planned new product launches in the PV and CV space are expected to help the company in sustaining its volume momentum going ahead. We broadly maintain our volume estimates and model in CAGR of $\sim 11 \%$ and $\sim 9 \%$ in UV and tractor volumes, respectively, over FY2010-12E.

At ₹654, M\&M is trading at 15.1x FY2011E and 13.8x FY2012E standalone earnings. Owing to the recent correction in the stock price, we recommend Buy on the stock. Our SOTP Target Price for M\&M works out to ₹794, wherein its core business fetches $₹ 592 /$ share and the value of its investments works out to ₹ 202 /share. M\&M remains one of the preferred picks in our coverage universe.

Exhibit 9: SOTP valuation

| Key subsidiary | No. of <br> shares (cr) | CMP <br> (₹) | Value <br> (₹ cr) |
| :--- | ---: | ---: | ---: |
| Mahindra Financial Services | 5.4 | 626 | 3,379 |
| Mahindra Lifespace | 1.5 | 314 | 484 |
| Tech Mahindra | 5.4 | 585 | 3,144 |
| Mahindra Forgings | 4.2 | 68 | 282 |
| Mahindra Holidays | 7.0 | 342 | 2,394 |
| Mahindra Ugine | 1.7 | 54 | 89 |
| Other Investments (at book value) |  |  | 4,905 |
| Total value (₹ cr) |  | $\mathbf{1 4 , 6 7 7}$ |  |
| No of share o/s of M\&M (cr) |  | 58 |  |
| Per share value of Investments (20\% discount) |  |  | 202 |
| M\&M's core business/share value (13x FY12E EPS) |  | 592 |  |
| M\&M's target price with investments (₹) |  | $\mathbf{7 9 4}$ |  |

Source: Company, Angel Research

Exhibit 10: Key assumptions

| Y/E March (units) | FY07 | FY08 | FY09 | FY10 | FY11E | FY12E |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| UV | 127,856 | 148,761 | 153,655 | 214,128 | 239,823 | 263,806 |
| LCV | 8,652 | 10,398 | 8,604 | 9,792 | 11,750 | 13,513 |
| Logan | - | 25,891 | 13,983 | 5,332 | 5,865 | 6,158 |
| Three-wheelers | 33,672 | 33,927 | 44,533 | 57,424 | 80,394 | 104,512 |
| Exports | 8,021 | 25,657 | 8,500 | 10,815 | 13,519 | 15,141 |
| Total automotive sales | 178,201 | 244,634 | 229,275 | 297,491 | 351,351 | 403,130 |
| Domestic tractor sales | 95,004 | 90,037 | 113,302 | 165,581 | 187,107 | 196,462 |
| Exports tractor sales | 7,525 | 8,677 | 6,406 | 8,999 | 10,349 | 10,866 |
| Total tractor sales | 102,529 | 98,714 | 119,708 | 174,580 | 197,455 | 207,328 |
| Total volume | 280,730 | 343,348 | $\mathbf{3 4 8 , 9 8 3}$ | $\mathbf{4 7 2 , 0 7 1}$ | 548,807 | $\mathbf{6 1 0 , 4 5 8}$ |

Source: Company, Angel Research

Exhibit 11: One-year forward P/E


[^4]Exhibit 12: M\&M - Premium/Discount to Sensex P/E


Source: Company, Bloomberg, Angel Research

Exhibit 13: Automobile - Recommendation summary

| Company | Reco. | CMP <br> ( $\left.{ }^{( }\right)$ | Tgt. price <br> (₹) | Upside <br> (\%) | P/E (x) |  | EV/EBITDA (x) |  | RoE (\%) |  | FY10-12E EPS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | FY11E | FY12E | FYıle | FY12E | FYIIE | FY12E | CAGR (\%) |
| Ashok Leyland | Buy | 52 | 62 | 19.6 | 15.4 | 10.9 | 9.4 | 7.9 | 12.4 | 16.1 | 28.6 |
| Bajaj Auto | Buy | 1,213 | 1,491 | 22.9 | 13.8 | 12.2 | 8.7 | 7.6 | 79.0 | 70.6 | 30.0 |
| Hero Honda | Neutral | 1,452 | - |  | 14.8 | 13.3 | 11.4 | 9.6 | 52.9 | 51.6 | 2.2 |
| Maruti Suzuki | Buy | 1,160 | 1,515 | 30.6 | 15.1 | 11.5 | 8.0 | 5.7 | 17.4 | 16.0 | 9.8 |
| M\&M | Buy | 654 | 794 | 21.4 | 15.1 | 13.8 | 9.7 | 8.7 | 26.1 | 25.0 | 16.8 |
| Tata Motors | Buy | 1,103 | 1,458 | 32.2 | 8.4 | 6.9 | 6.0 | 4.6 | 70.8 | 53.1 | 197.7 |
| TVS Motor | Buy | 48 | 71 | 49.2 | 10.6 | 8.6 | 6.4 | 5.0 | 24.1 | 28.0 | 53.9 |

Source: Company, Angel Research

Profit \& Loss Statement

| Y/E March (₹ cr) | FY07 | FY08 | FY09 | FY10 | FY11E | FY12E |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Gross sales | 11,184 | 12,866 | 14,514 | 20,157 | 24,722 | 28,944 |
| Less: Excise duty | 1,335 | 1,585 | 1,587 | 1,807 | 2,349 | 2,894 |
| Net Sales | 9,849 | 11,282 | 12,927 | 18,350 | 22,373 | 26,050 |
| Total operating income | 9,849 | 11,282 | 12,927 | 18,350 | 22,373 | 26,050 |
| \% chg | - | 14.5 | 14.6 | 41.9 | 21.9 | 16.4 |
| Total Expenditure | 8,791 | 10,187 | 12,035 | 15,634 | 19,096 | 22,416 |
| Net Raw Materials | 6,828 | 7,726 | 9,274 | 12,333 | 15,102 | 17,766 |
| Other Mfg costs | 252 | 300 | 311 | 379 | 481 | 560 |
| Personnel | 660 | 846 | 1,018 | 1,190 | 1,454 | 1,693 |
| Other | 1,051 | 1,316 | 1,431 | 1,732 | 2,058 | 2,397 |
| EBITDA | 1,058 | 1,094 | 892 | 2,716 | 3,278 | 3,634 |
| \% chg | - | 3.5 | $(18.5)$ | 204.5 | 20.7 | 10.9 |
| (\% of Net Sales) | 10.7 | 9.7 | 6.9 | 14.8 | 14.7 | 14.0 |
| Depreciation \& Amortisation | 210 | 239 | 292 | 371 | 485 | 564 |
| EBIT | 848 | 856 | 600 | 2,345 | 2,793 | 3,070 |
| \% chg | - | 0.9 | $(29.8)$ | 290.6 | 19.1 | 9.9 |
| (\% of Net Sales) | 8.6 | 7.6 | 4.6 | 12.8 | 12.5 | 11.8 |
| Interest \& other Charges | 20 | 88 | 134 | 157 | 29 | 29 |
| Other Income | 590 | 639 | 601 | 659 | 723 | 796 |
| (\% of PBT) | 39.0 | 40.9 | 61.0 | 23.6 | 21.1 | 21.2 |
| Recurring PBT | 1,418 | 1,407 | 1,067 | 2,847 | 3,487 | 3,837 |
| \% chg | - | $(0.8)$ | $(24.1)$ | 166.7 | 22.5 | 10.0 |
| Extraordinary Expense/(Inc.) | 93 | 156 | $(81)$ | $(59)$ | $167)$ | $(74)$ |
| PBT | 1,512 | 1,563 | 986 | 2,788 | 3,420 | 3,763 |
| Tax | 350 | 303 | 200 | 759 | 907 | 998 |
| (\% of PBT) | 23.2 | 19.4 | 20.3 | 27.2 | 26.5 | 26.5 |
| PAT (reported) | 1,068 | 1,103 | 868 | 2,088 | 2,580 | 2,839 |
| ADJ. PAT | 1,162 | 1,259 | 786 | 2,029 | 2,514 | 2,766 |
| \% chg | - | 8.4 | $(37.6)$ | 158.1 | 23.9 | 10.0 |
| (\% of Net Sales) | 11.8 | 11.2 | 6.1 | 11.1 | 11.2 | 10.6 |
| Basic EPS (₹) | 20.5 | 19.8 | 14.4 | 35.8 | 43.2 | 47.5 |
| Fully Diluted EPS (₹) | 20.0 | 21.6 | 13.5 | 34.9 | 43.2 | 47.5 |
| \% chg | - | 8.4 | $(37.6)$ | 158.1 | 23.9 | 10.0 |
|  |  |  |  |  |  |  |


| Balance Sheet |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Y/E March (₹ cr) | FY07 | FY08 | FY09 | FY10 | FY11E | FY12E |
| SOURCES OF FUNDS |  |  |  |  |  |  |
| Equity Share Capital | 238 | 239 | 273 | 283 | 291 | 291 |
| Reserves \& Surplus | 3,315 | 4,111 | 4,989 | 7,544 | 9,280 | 11,257 |
| Shareholders' Funds | 3,553 | 4,350 | 5,262 | 7,827 | 9,571 | 11,548 |
| Total Loans | 1,636 | 2,587 | 4,053 | 2,880 | 2,880 | 2,880 |
| Deferred Tax Liability | 20 | 57 | $(18)$ | 240 | 310 | 387 |
| Total Liabilities | 5,209 | 6,994 | 9,297 | 10,947 | 12,761 | 14,815 |
| APPLICATION OF FUNDS |  |  |  |  |  |  |
| Gross Block | 3,230 | 3,656 | 4,894 | 5,276 | 7,458 | 8,683 |
| Less: Acc. Depreciation | 1,639 | 1,842 | 2,326 | 2,538 | 3,023 | 3,587 |
| Net Block | 1,591 | 1,814 | 2,568 | 2,739 | 4,435 | 5,096 |
| Capital Work-in-Progress | 281 | 546 | 647 | 964 | 373 | 434 |
| Goodwill | - | - | - | - | - | - |
| Investments | 2,237 | 4,215 | 5,786 | 6,398 | 7,657 | 8,889 |
| Current Assets | 3,748 | 3,644 | 5,081 | 6,042 | 6,433 | 7,413 |
| Cash | 1,326 | 861 | 1,574 | 1,743 | 1,522 | 1,689 |
| Loans \& Advances | 843 | 694 | 1,402 | 1,852 | 1,566 | 1,823 |
| Other | 1,579 | 2,089 | 2,104 | 2,447 | 3,345 | 3,900 |
| Current liabilities | 2,666 | 3,240 | 4,798 | 5,200 | 6,137 | 7,017 |
| Net Current Assets | 1,083 | 404 | 283 | 842 | 296 | 395 |
| Mis. Exp. not written off | 18 | 14 | 13 | 4 | - | - |
| Total Assets | 5,209 | 6,994 | 9,297 | 10,947 | 12,761 | 14,815 |

## Cash Flow Statement

| Y/E March (₹ cr) | FY07 | FY08 | FY09 | FY10 | FY11E | FY12E |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Profit before tax | 1,512 | 1,563 | 986 | 2,788 | 3,420 | 3,763 |
| Depreciation | 210 | 239 | 292 | 371 | 485 | 564 |
| Change in Working Capital | $(719)$ | $(51)$ | $(1,426)$ | 170 | $(377)$ | $(479)$ |
| Less: Other income | $(613)$ | 621 | $(1,980)$ | 233 | $(367)$ | $(217)$ |
| Direct taxes paid | 350 | 303 | 200 | 759 | 907 | 998 |
| Cash Flow from Operations | 1,266 | 826 | 1,631 | 2,336 | 2,988 | 3,068 |
| (Inc.)/Dec. in Fixed Assets | $(446)$ | $(692)$ | $(1,338)$ | $(700)$ | $(1,590)$ | $(1,287)$ |
| (Inc.)/Dec. in Investments | $(568)$ | $(1,978)$ | $(1,571)$ | $(612)$ | $(1,259)$ | $(1,232)$ |
| (Inc.)/Dec. in loans and adv. | $(174)$ | $(286)$ | $(238)$ | $(9)$ | $(9)$ | $(142)$ |
| Other income | 590 | 639 | 601 | 659 | 723 | 796 |
| Cash Flow from Investing | $(598)$ | $(2,317)$ | $(2,546)$ | $(662)$ | $(2,135)$ | $(1,865)$ |
| Issue of Equity | $(9)$ | 1 | 1 | 10 | 8 | 0 |
| Inc./(Dec.) in loans | 753 | 951 | 1,466 | $(1,173)$ | 0 | 0 |
| Dividend Paid (Incl. Tax) | 278 | 325 | 321 | 312 | 624 | 674 |
| Others | 1,094 | 250 | 160 | 656 | 1,707 | 1,710 |
| Cash Flow from Financing | $(72)$ | 1,027 | 1,628 | $(1,506)$ | $(1,075)$ | $(1,036)$ |
| Inc./(Dec.) in Cash | 596 | $(465)$ | 713 | 169 | $(222)$ | 168 |
| Opening Cash balances | 730 | 1,326 | 861 | 1,574 | 1,743 | 1,522 |
| Closing Cash balances | 1,326 | 861 | 1,574 | 1,743 | 1,522 | 1,689 |


| Y/E March | FYO7 | FY08 | FY09 | FY10 | FY11E | FY12E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valuation Ratio (x) |  |  |  |  |  |  |
| P/E (on FDEPS) | 31.9 | 33.0 | 45.4 | 18.2 | 15.1 | 13.8 |
| P/CEPS | 24.4 | 23.3 | 30.8 | 15.4 | 12.7 | 11.4 |
| P/BV | 8.8 | 7.2 | 6.8 | 4.7 | 4.0 | 3.3 |
| Dividend yield (\%) | 0.9 | 0.9 | 0.8 | 1.5 | 1.5 | 1.7 |
| EV/Sales | 3.2 | 2.8 | 2.4 | 1.6 | 1.3 | 1.1 |
| EV/EBITDA | 34.2 | 32.5 | 39.0 | 12.1 | 9.7 | 8.7 |
| EV / Total Assets | 7.0 | 5.1 | 3.7 | 3.0 | 2.5 | 2.1 |
| Per Share Data (\%) |  |  |  |  |  |  |
| EPS (Basic) | 20.5 | 19.8 | 14.4 | 35.8 | 43.2 | 47.5 |
| EPS (fully diluted) | 20.0 | 21.6 | 13.5 | 34.9 | 43.2 | 47.5 |
| Cash EPS | 26.8 | 28.1 | 21.3 | 42.4 | 51.5 | 57.2 |
| DPS | 5.9 | 5.9 | 5.1 | 9.7 | 10.0 | 11.3 |
| Book Value | 74.4 | 90.7 | 96.3 | 138.1 | 164.3 | 198.2 |
| Dupont Analysis |  |  |  |  |  |  |
| EBIT margin | 8.6 | 7.6 | 4.6 | 12.8 | 12.5 | 11.8 |
| Tax retention ratio | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 |
| Asset turnover (x) | 2.8 | 2.3 | 1.9 | 2.2 | 2.2 | 2.1 |
| RoIC (Post-tax) | 18.5 | 13.8 | 6.9 | 20.2 | 20.1 | 18.5 |
| Cost of Debt (Post Tax) | 1.2 | 3.3 | 3.2 | 3.3 | 0.7 | 0.7 |
| Leverage ( x ) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Operating RoE | 18.5 | 13.8 | 6.9 | 20.2 | 20.1 | 18.5 |
| Returns (\%) |  |  |  |  |  |  |
| RoCE (Pre-tax) | 18.5 | 14.0 | 7.4 | 23.2 | 23.6 | 22.3 |
| Angel RolC (Pre-tax) | 16.5 | 11.0 | 6.3 | 18.7 | 18.4 | 17.3 |
| RoE | 25.8 | 30.6 | 21.3 | 21.5 | 26.1 | 25.0 |
| Turnover ratios (x) |  |  |  |  |  |  |
| Asset Turnover (Gross Block) | 3.2 | 3.3 | 3.0 | 3.6 | 3.5 | 3.2 |
| Inventory / Sales (days) | 33 | 32 | 30 | 22 | 22 | 22 |
| Receivables (days) | 25 | 28 | 29 | 23 | 30 | 30 |
| Payables (days) | 64 | 69 | 82 | 69 | 65 | 69 |
| WC cycle (ex-cash) (days) | (9) | (11) | (25) | (22) | (17) | (18) |
| Solvency ratios (x) |  |  |  |  |  |  |
| Net debt to equity | (0.5) | (0.6) | (0.6) | (0.7) | (0.7) | (0.7) |
| Net debt to EBITDA | (1.8) | (2.3) | (3.7) | (1.9) | (1.9) | (2.1) |
| Interest Coverage (EBIT/Interest) | 42.8 | 9.8 | 4.5 | 15.0 | 97.0 | 106.6 |

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[^0]:    Source: Company, Angel Research

[^1]:    Source: Company, Angel Research

[^2]:    Source: Company, Angel Research

[^3]:    Source: Company, Angel Research

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