

## MARUTI SUZUKI INDIA

BUY  
CMP Rs1,115  
TP Rs1,594

24 August 2011

Vineet Hetamasaria, CFA +91-22-6618 6388  
vineet.hetamasaria@pinc.co.in

Nikhil Deshpande +91-22-6618 6339  
nikhil.deshpande@pinc.co.in

Tasmai Anil Merchant +91-22-6618 6377  
tasmai.merchant@pinc.co.in

### In A Metamorphosis For Defending Its Turf

FY11 was a windfall year for Maruti Suzuki (MSIL) and the Indian auto industry as the 29% volume growth surpassed all expectations. However, despite the scorching growth, MSIL's margins contracted by 350bps to 9.9%. Firstly, the increased level of competition hampered the company's ability to take price hikes even as input costs hardened. Secondly, the rise in royalty by ~200bps had a significant impact on margins. Consequently net profit growth of 9.7% was significantly lower than the volume growth.

**FY11 marketshare stable:** After losing ~190bps marketshare in FY10, MSIL bounced back by clawing back 30bps marketshare in FY11. MSIL with a domestic volume growth of 30.1% marginally outperformed the industry growth of 29.2%. New product launches such as Alto K10, Eeco and the new WagonR aided the growth. The Swift and Dzire too witnessed a 20% plus growth during the year.

**Margins under pressure:** The competitive intensity in the passenger car industry was significantly up during the year. New launches were primarily targeted at the premium hatchback and entry level sedan segments both of which are a forte of MSIL. In a rising input cost scenario, MSIL preferred market share over profitability. The increase of royalty by 200bps further dented the margins with contraction of 350bps in OPM to 9.9% in FY11.

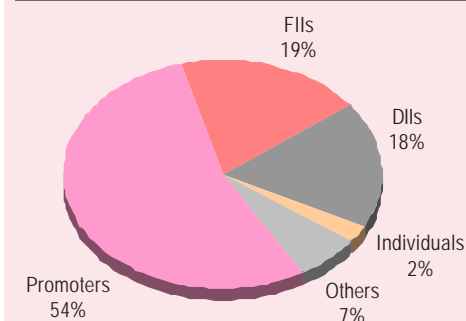
**Significant capacity addition at Manesar:** Against an installed capacity of 1.2mn units, MSIL achieved a production of 1.27mn units. Capacity constraints impacted company's ability in meeting the demand during H1FY11. However, through productivity improvements and flexible assembly lines it managed to improve output during H2. MSIL is in the process of adding a 250k assembly line at Manesar in Sep'11 followed by a similar line by Q1FY13.

**Outlook:** The passenger vehicle market sentiment has significantly deteriorated since the beginning of FY12 owing to the fuel price increases and interest rate hikes. MSIL being a dominant player in the lower end of the car segment, which is more sensitive to these pressures, is bound to bear a higher impact due to demand slowdown. We maintain a single digit growth estimate of 8% for FY12. We believe margins have bottomed out in FY11 and will continue in this range in the near term due to low growth and competitive pressures. We expect earnings of Rs86.9 and Rs106.3 for FY12 and FY13 respectively.

### VALUATIONS AND RECOMMENDATION

The stock is trading at attractive valuations of 10.7x its FY13E earnings. The competitive landscape and increased royalty were the major overhangs on the stock. MSIL has shown significant resilience in maintaining marketshare despite the slew of launches from the competition. Its strong product portfolio, distribution reach and rural connect have helped it achieve this feat. We maintain a 'BUY' recommendation on the stock with a target price of Rs1,594 discounting FY13E earnings 15x.

### SHAREHOLDING PATTERN



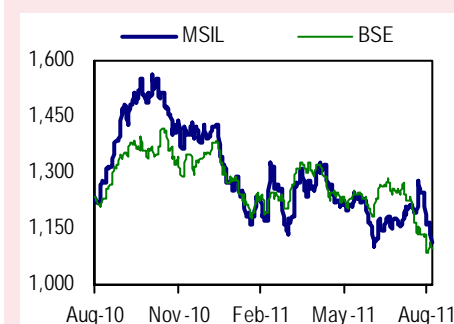
### STOCK DATA

|                            |             |
|----------------------------|-------------|
| Market Cap                 | Rs329.7bn   |
| Book Value per share       | Rs480       |
| Eq Shares O/S (F.V. Rs5)   | 289mn       |
| Free Float                 | 45.8%       |
| Avg Traded Value (6 mnths) | Rs502mn     |
| 52 week High/Low           | Rs1600/1087 |
| Bloomberg Code             | MSIL IN     |
| Reuters Code               | MRTI.BO     |

### PERFORMANCE (%)

|          | 1M    | 3M    | 12M   |
|----------|-------|-------|-------|
| Absolute | (4.0) | (7.1) | (9.6) |
| Relative | 9.0   | 1.6   | 1.4   |

### RELATIVE PERFORMANCE



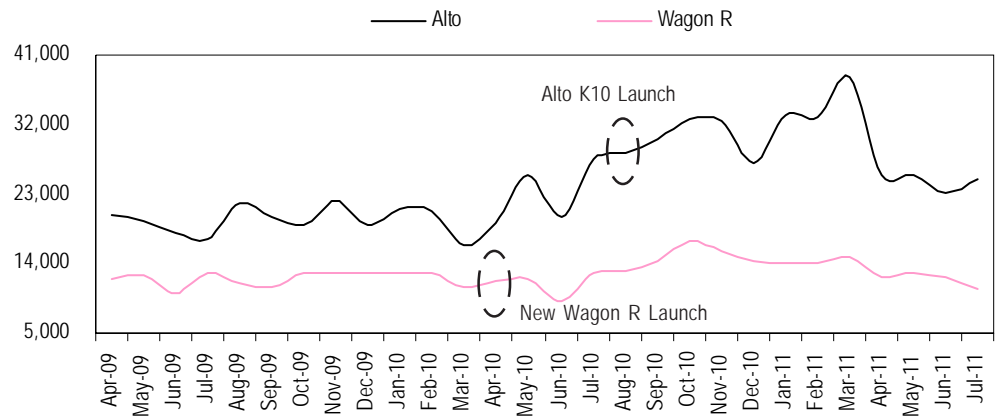
| KEY FINANCIALS      | Rs mn   |         |         |         |         |
|---------------------|---------|---------|---------|---------|---------|
|                     | FY09    | FY10    | FY11    | FY12E   | FY13E   |
| Net Revenue         | 203,583 | 289,585 | 361,282 | 403,992 | 479,449 |
| YoY Gr.(%)          | 14.0    | 42.2    | 24.8    | 11.8    | 18.7    |
| EBITDA              | 18,445  | 39,651  | 36,781  | 40,476  | 48,806  |
| EBITDA Marg.(%)     | 8.9     | 13.4    | 9.9     | 9.8     | 9.9     |
| Adjusted Net Profit | 12,187  | 24,976  | 22,886  | 25,102  | 30,705  |
| YoY Gr.(%)          | (29.6)  | 104.9   | (8.4)   | 9.7     | 22.3    |
| KEY RATIOS          |         |         |         |         |         |
| Dil. EPS (Rs)       | 42.2    | 86.4    | 79.2    | 86.9    | 106.3   |
| ROCE (%)            | 17.4    | 31.3    | 22.9    | 22.2    | 23.4    |
| RoE (%)             | 13.7    | 23.6    | 17.8    | 16.8    | 17.6    |
| PER (x)             | 27.0    | 13.2    | 14.4    | 13.1    | 10.7    |
| EV/Net sales (x)    | 1.4     | 0.9     | 0.7     | 0.7     | 0.5     |
| EV/EBITDA (x)       | 15.7    | 6.8     | 7.1     | 6.5     | 5.1     |

### Strong domestic sales

Domestic sales during the year were up an impressive 30% to 1.1mn units exceeding the 29% growth in the domestic passenger vehicle industry. MSIL's marketshare expanded 30bps during the year inspite of the heightened level of competition in the industry.

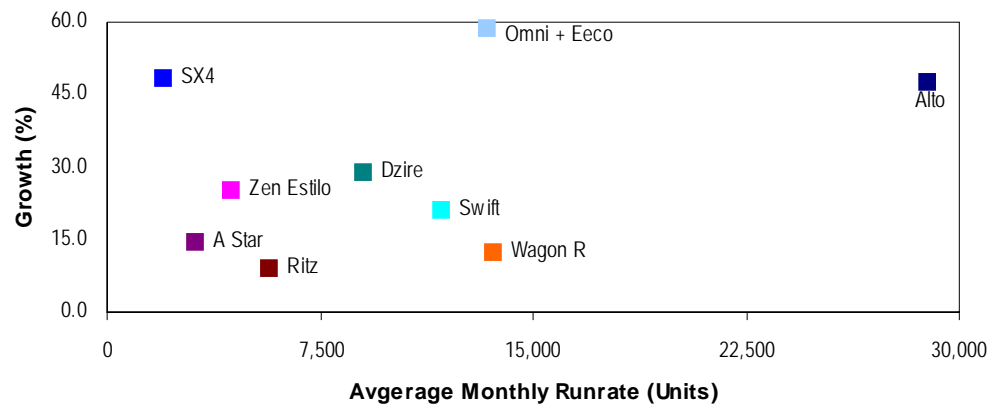
MSIL's volume growth was largely contributed by the success of new launches Alto K10 and Eeco. Alto volumes were up 47.5% YoY to 347k units and contributed 30% of the total domestic volumes. The MPV, Eeco, launched in the Q4FY10 generated an incremental volume of 68k units. WagonR, which was re-launched during the year, grew 12.5% to 163k units. Swift and Dzire maintained their impressive performance with a growth of 21.3% and 29.1% respectively.

#### Alto & WagonR Monthly Sales



Source: Crisil Research, PINC Research

#### Modelwise Performance

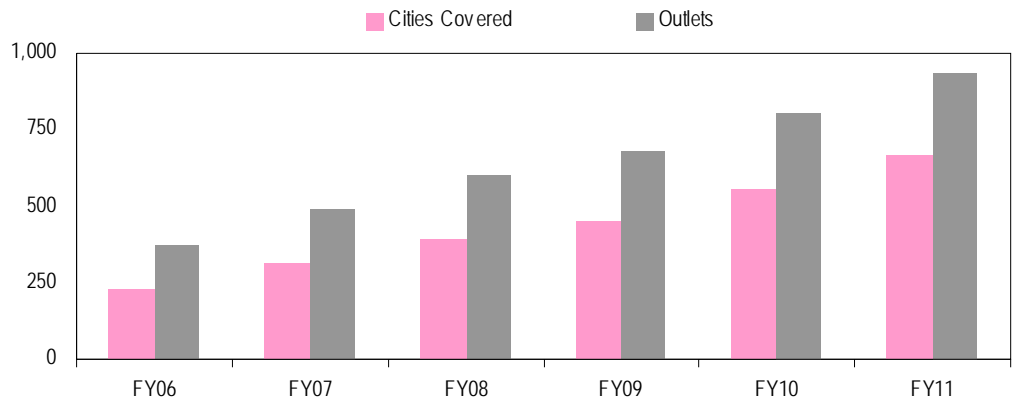


Source: Crisil Research, PINC Research

### Sales Network

The wide spread sales network has been MSIL's forte in maintaining the tag of largest player in the Indian market. The company has consistently rolled out dealerships in newer geographies so as to increase its reach. The reach alongwith suitable products helped the company target the rural segment. During FY11, MSIL added 131 outlets to its network and in the process increased geographical coverage to 668 cities/towns in India. The company also added 167 outlets to its service network taking the total number of outlets to 2,946.

**Distribution Reach**

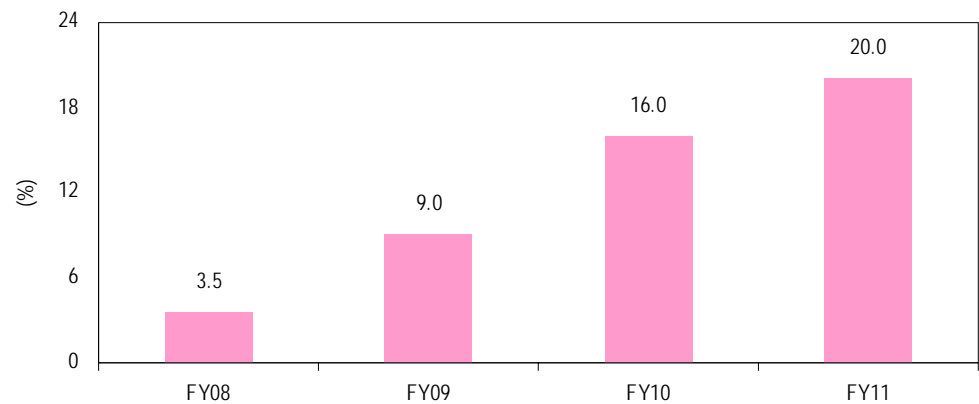


Source: Company, PINC Research

**Rural**

Rural India has been a beneficiary of several government schemes as well as the significant rise in minimum support price (MSP) for major crops. Additionally, increase in incomes from non agricultural activities has had a positive impact on the rural economy. MSIL has put in a special emphasis in tapping demand in the rural segment. The wide spread sales and service network have backed these initiatives leading to increase in rural contribution to domestic sales from 3.5% in FY08 to 20% in FY11.

**Rural Contribution to Domestic Sales**

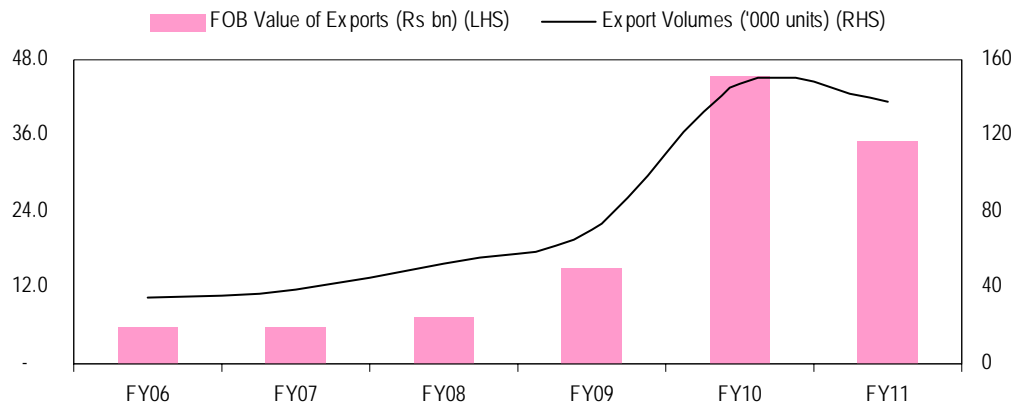


Source: Company, PINC Research

**Exports**

In FY10, MSIL had been a significant beneficiary of the government run scrappage schemes in major European countries. The company, specializing in compact cars, was able to derive benefit from the scheme which incentivized exchange of vehicles in lieu of fuel efficient models. During the year exports had doubled to 148k units. Europe accounted for two thirds of the total exports. In FY11, despite a high base and withdrawal of incentive schemes, MSIL managed to restrict the fall in exports to 6.3% by expanding to new geographies in Asia and Africa. The contribution of Europe in exports slumped to 20%. New markets such as Hungary, Malaysia, Laos and Lebanon were developed by the company.

**Export Sales**

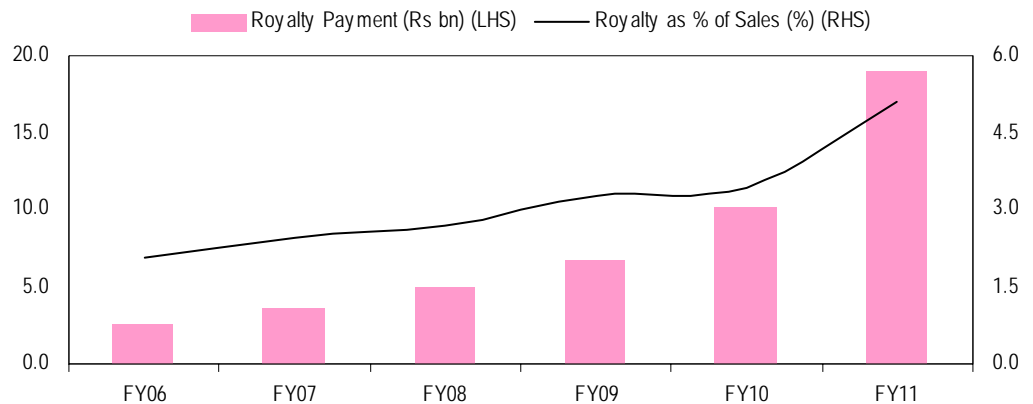


Source: Company, PINC Research

**Increased Royalty**

During the year, MSIL management hiked the percentage of running royalty per vehicle from ~3% to 5%. The company cited the development cost incurred in new generation K-series engines and new products being developed as the reasons behind the increase in royalty payments. The running royalty in FY11 surged 86% YoY to Rs19bn as against the 29% growth in sales volume. Royalty as a percentage of sales stood at 5.1% in FY11.

**Royalty Payment**



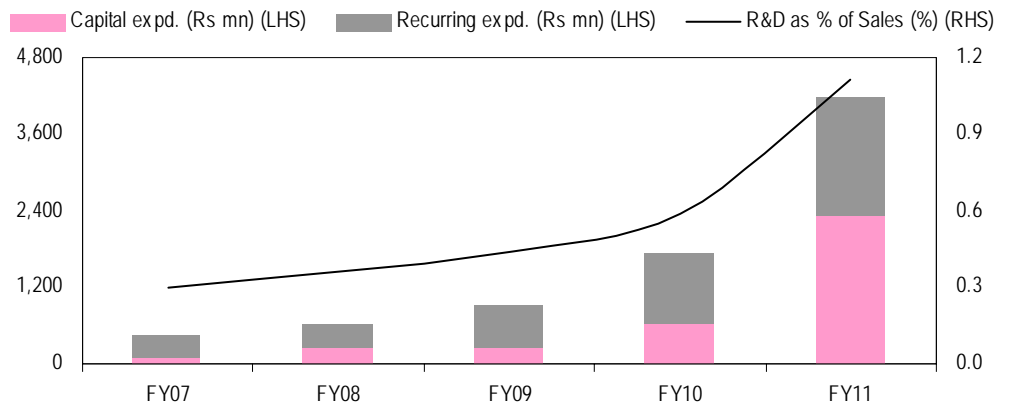
Source: Company, PINC Research

**R&D**

MSIL is in the process of setting up of a full fledged R&D centre at Rohtak, Haryana. The current in-house R&D is targeted at carrying out minor changes and co-design with parent Suzuki, Japan for new models. The R&D team has been ramped up from ~400 members in FY08 to 1,070 currently which will further be increased to 1,300 members. MSIL's expenditure on R&D more than doubled to Rs4.2bn.

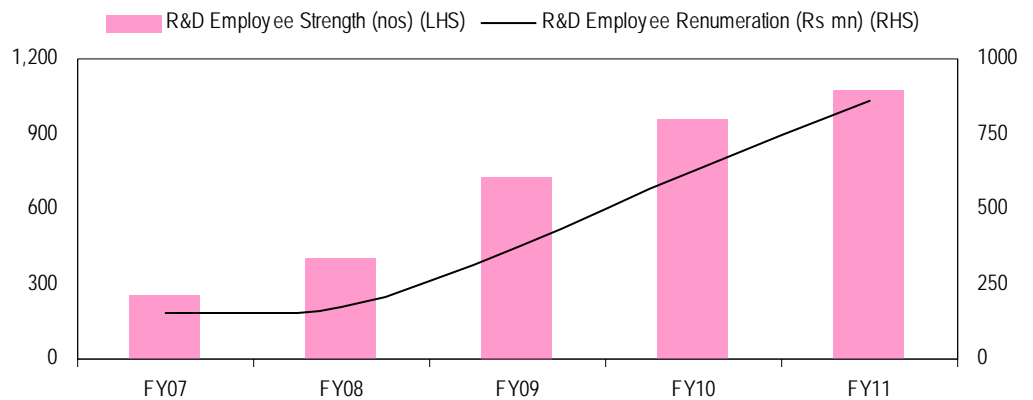
The Rohtak R&D centre would be capable of full vehicle in-house design and development and equipped with all testing facilities. The management expects to roll out a global car from its Rohtak R&D Centre by 2017.

### Expenditure on R&D



Source: Company, PINC Research

### R&D Strength

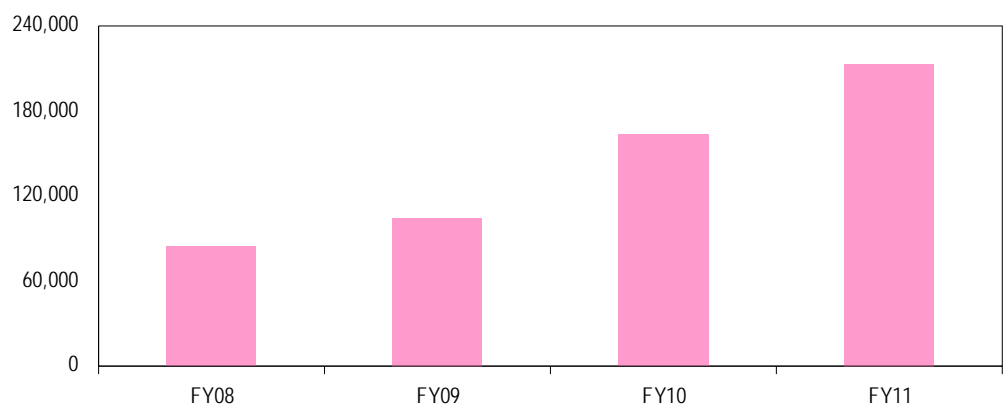


Source: Company, PINC Research

### Pre-owned car business

MSIL has entered the pre owned car business through its "True Value" outlets to benefit from the replacement demand for the cars. The management has stated that with reducing car ownership cycle, residual value has become an important determinant of total cost of ownership. Sales of its pre-owned car business, True Value, were up 30% YoY to 213k units.

### True Value Car Sales (Units)



Source: Company, PINC Research

### Capacity/Expansion

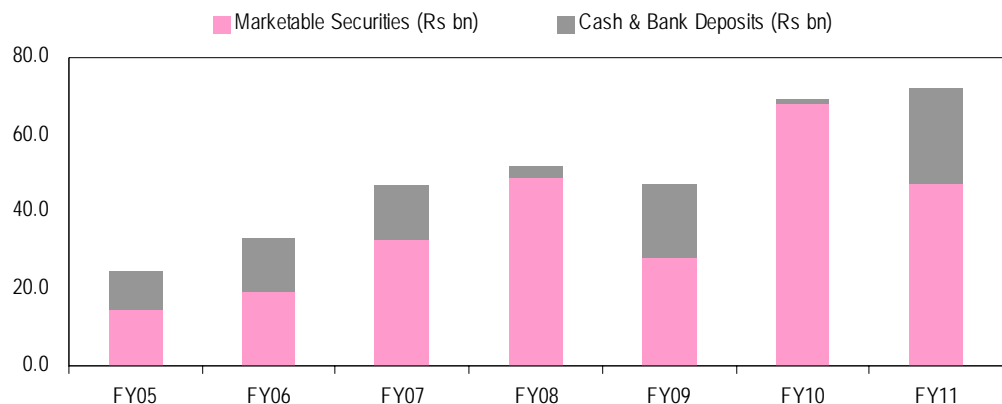
In FY11, against the installed capacity of 1.2mn units per annum, MSIL was able to churn out 1.27mn units. This feat was achieved sans an extra shift and was possible through increased productivity and innovations at the shop floor level. The company has undertaken an extensive capacity expansion programme. In the first stage a new assembly line of 250k unit per annum would be added at the Manesar facility by Q3FY12. In the second stage another line of similar capacity would be added by Q1FY13.

The company has also started scouting for a greenfield location to setup its third manufacturing facility in the country. The management is in discussion with various state governments and Gujarat with a close proximity to the sea coast is expected to be the likely destination.

### Cash and cash equivalent of Rs72bn, negligible debt

MSIL had cash and liquid investments to the tune of Rs72bn on its books as of FY11. In contrast to FY10, wherein majority of the cash was held in liquid mutual funds, the company reduced exposure to mutual funds from Rs68bn to Rs40bn. The company invested Rs7bn in corporate bonds leaving Rs24bn in deposit accounts. Debt on books was further reduced to Rs3bn. The significant cash on books would be instrumental in the capex programme undertaken by the company.

#### Composition of Cash & Cash Equivalent



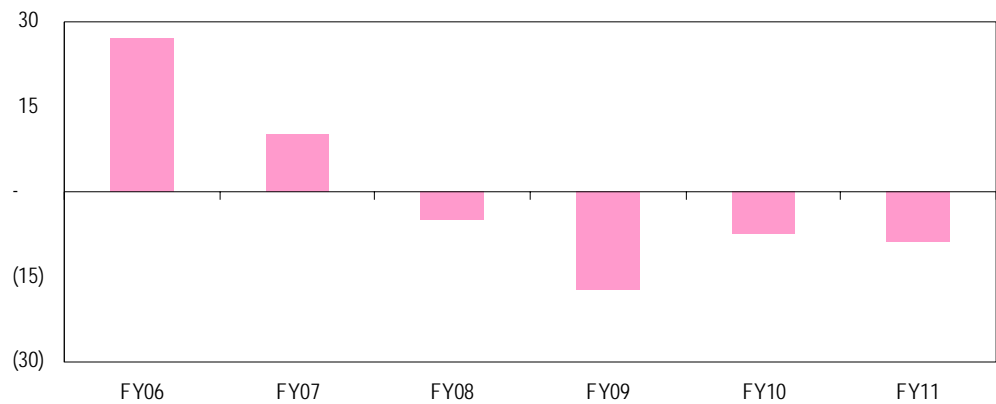
Source: Company, PINC Research

### Negative working capital, Drop in return ratios

Despite a significant (350bps) drop in profitability during the year, cash flow from operations was stable YoY at Rs34bn. The steep jump in volumes stemmed the fall in profits. Also, a Rs4.7bn reduction in working capital boosted operating cash flow. MSIL managed to end the year with a negative working capital of Rs2.3bn.

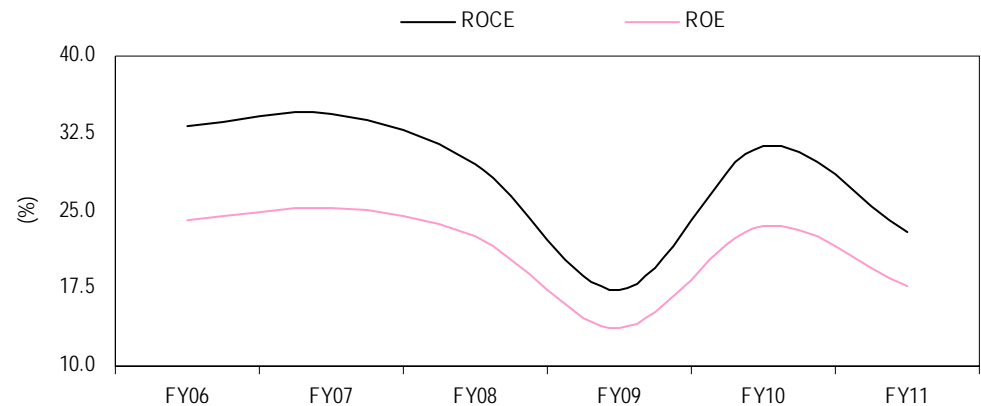
Return ratios suffered during the year due to the significant cash accumulation on the books and increase in capital work in progress.

**Net Working Capital (days)**



Source: Company, PINC Research

**Return Ratios**



Source: Company, PINC Research

**Outlook**

**Subdued volume growth**

The automobile industry ended FY11 on a high note and the growth of ~30% in passenger vehicle was higher than anticipation. However, the demand momentum was lost in the first quarter of FY12. Sentiment was dampened due to the consecutive petrol price hikes including the steep Rs5/- increase in May'11. Additionally the successive interest rate increases by RBI led to hardening of loans rates and increase in EMIs and consequently cost of ownership.

We maintain our growth estimate of 8% for FY12. Our volume estimates for FY12 and FY13 are 1.37mn and 1.57mn units respectively.

**Margins to remain at current levels**

MSIL's FY11 margins contracted 350bps primarily on account of the increase in royalty payments. The heightened competitive intensity and increase in cost of ownership for consumers due to rising interest rates and fuel cost further restrain the company from passing on cost pressure to consumers. Going forward we expect margins to remain in the current range. Our earnings estimate for FY12 and FY13 are Rs86.9 and Rs106.3 respectively.

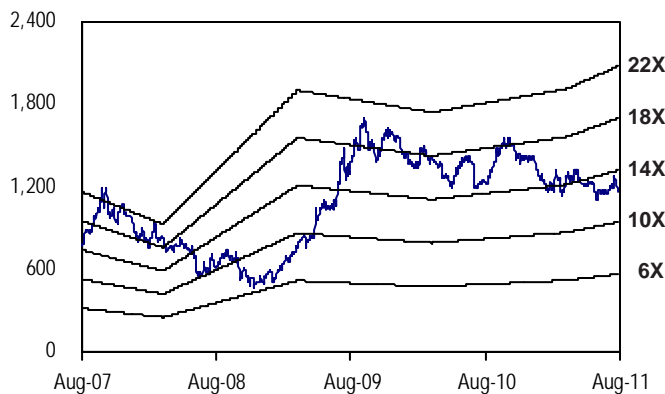
| Income Statement       | FY09    | FY10     | FY11     | FY12E    | FY13E    |
|------------------------|---------|----------|----------|----------|----------|
| Net sales              | 203,583 | 289,585  | 361,282  | 403,992  | 479,449  |
| Growth (%)             | 14.0    | 42.2     | 24.8     | 11.8     | 18.7     |
| Operating profit       | 15,345  | 33,140   | 27,663   | 30,956   | 37,666   |
| Other operating income | 3,100   | 6,511    | 9,118    | 9,520    | 11,140   |
| EBITDA                 | 18,445  | 39,651   | 36,781   | 40,476   | 48,806   |
| Growth (%)             | (32.6)  | 115.0    | (7.2)    | 10.0     | 20.6     |
| Depreciation           | (7,065) | (8,250)  | (10,135) | (11,698) | (13,566) |
| Other income           | 5,888   | 4,859    | 4,686    | 5,574    | 6,453    |
| EBIT                   | 17,268  | 36,260   | 31,332   | 34,352   | 41,693   |
| Interest paid          | (510)   | (335)    | (244)    | (200)    | (200)    |
| PBT (before E/o items) | 16,758  | 35,925   | 31,088   | 34,152   | 41,493   |
| Tax provision          | (4,571) | (10,949) | (8,202)  | (9,050)  | (10,788) |
| E/o Income / (loss)    | -       | -        | -        | -        | -        |
| Net profit             | 12,187  | 24,976   | 22,886   | 25,102   | 30,705   |
| Adjusted net profit    | 12,187  | 24,976   | 22,886   | 25,102   | 30,705   |
| Growth (%)             | (29.6)  | 104.9    | (8.4)    | 9.7      | 22.3     |
| Diluted EPS (Rs)       | 42.2    | 86.4     | 79.2     | 86.9     | 106.3    |
| Diluted EPS Growth (%) | (29.6)  | 104.9    | (8.4)    | 9.7      | 22.3     |

| Cash Flow Statement        | FY09     | FY10     | FY11     | FY12E    | FY13E    |
|----------------------------|----------|----------|----------|----------|----------|
| Pre-tax profit             | 16,758   | 35,925   | 31,088   | 34,152   | 41,493   |
| Depreciation               | 6,610    | 7,322    | 8,263    | 11,698   | 13,566   |
| Total tax paid             | (4,310)  | (10,007) | (9,779)  | (8,118)  | (10,464) |
| Chg in working capital     | (2,031)  | (1,480)  | 4,738    | (2,731)  | (894)    |
| Other operating activities | (1,709)  | 1,947    | -        | -        | -        |
| Cash flow from oper. (a)   | 15,318   | 33,707   | 34,310   | 35,001   | 43,701   |
| Capital expenditure        | (15,603) | (12,124) | (23,720) | (34,539) | (25,175) |
| Chg in investments         | (675)    | (10)     | (125)    | -        | -        |
| Other investing activities | -        | -        | -        | -        | -        |
| Cash flow from inv. (b)    | (16,278) | (12,134) | (23,845) | (34,539) | (25,175) |
| Free cash flow (a+b)       | (960)    | 21,573   | 10,465   | 462      | 18,526   |
| Equity raised/(repaid)     | -        | -        | -        | -        | -        |
| Debt raised/(repaid)       | (2,013)  | 1,225    | (5,121)  | (1,712)  | (1,200)  |
| Chg in Minorities int.     | -        | -        | -        | -        | -        |
| Dividend (incl. tax)       | (1,691)  | (1,183)  | (2,021)  | (2,518)  | (3,032)  |
| Other financing activities | -        | -        | (44)     | -        | -        |
| Cash flow from fin. (c)    | (3,704)  | 42       | (7,186)  | (4,230)  | (4,232)  |
| Net chg in cash (a+b+c)    | (4,664)  | 21,615   | 3,279    | (3,768)  | 14,294   |

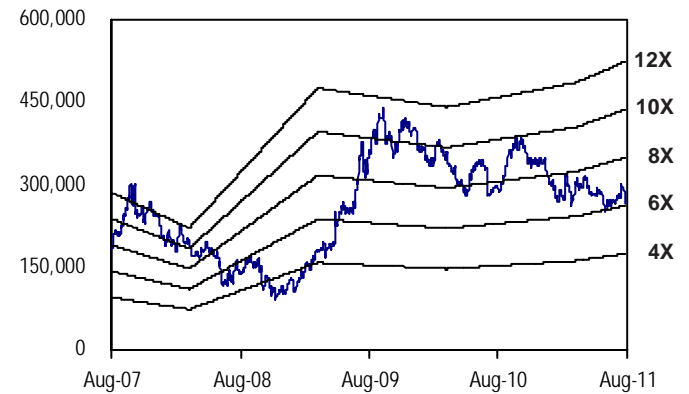
| Balance Sheet            | FY09    | FY10    | FY11    | FY12E   | FY13E   |
|--------------------------|---------|---------|---------|---------|---------|
| Equity capital           | 1,445   | 1,445   | 1,445   | 1,445   | 1,445   |
| Reserves & surplus       | 92,004  | 116,906 | 137,230 | 159,300 | 186,636 |
| Shareholders' funds      | 93,449  | 118,351 | 138,675 | 160,745 | 188,081 |
| Preference Share Capital | -       | -       | -       | -       | -       |
| Total Debt               | 6,989   | 8,214   | 3,093   | 1,381   | 181     |
| Capital Employed         | 100,438 | 126,565 | 141,768 | 162,126 | 188,262 |
| Net fixed assets         | 49,321  | 54,123  | 69,580  | 92,421  | 104,030 |
| Cash & Cash Eq.          | 47,297  | 68,912  | 72,191  | 68,423  | 82,717  |
| Net other Current Assets | 1,545   | 1,064   | (2,320) | (885)   | (502)   |
| Investments              | 3,826   | 3,836   | 3,961   | 3,961   | 3,961   |
| Net Deferred Tax Assets  | (1,551) | (1,370) | (1,644) | (1,794) | (1,944) |
| Total assets             | 100,438 | 126,565 | 141,768 | 162,126 | 188,262 |

| Key Ratios                 | FY09  | FY10  | FY11  | FY12E | FY13E |
|----------------------------|-------|-------|-------|-------|-------|
| EBITDA (%)                 | 8.9   | 13.4  | 9.9   | 9.8   | 9.9   |
| Net margin (%)             | 6.0   | 8.6   | 6.3   | 6.2   | 6.4   |
| Dividend yield (%)         | 0.3   | 0.5   | 0.7   | 0.8   | 0.9   |
| Net debt/Equity (x)        | (0.4) | (0.5) | (0.5) | (0.4) | (0.4) |
| Net Working Capital (days) | (17)  | (8)   | (9)   | (7)   | (6)   |
| Asset turnover (x)         | 1.6   | 1.9   | 2.1   | 2.0   | 2.1   |
| ROCE (%)                   | 17.4  | 31.3  | 22.9  | 22.2  | 23.4  |
| RoE (%)                    | 13.7  | 23.6  | 17.8  | 16.8  | 17.6  |
| EV/Net sales (x)           | 1.4   | 0.9   | 0.7   | 0.7   | 0.5   |
| EV/EBITDA (x)              | 15.7  | 6.8   | 7.1   | 6.5   | 5.1   |
| PER (x)                    | 27.0  | 13.2  | 14.4  | 13.1  | 10.7  |
| Price/Book (x)             | 3.5   | 2.8   | 2.4   | 2.1   | 1.8   |

P/E Band



EV/EBITDA





## T E A M

### EQUITY DESK

|               |   |  |                 |
|---------------|---|--|-----------------|
| Sadanand Raje | Head - Institutional Sales<br>Technical Analyst | <a href="mailto:sadanand.raje@pinc.co.in">sadanand.raje@pinc.co.in</a> | 91-22-6618 6366 |
|---------------|---|--|-----------------|

### RESEARCH

|                         |   |  |                 |
|-------------------------|---|--|-----------------|
| Vineet Hetamasaria, CFA | <b>Head of Research, Auto, Cement</b>     | <a href="mailto:vineet.hetamasaria@pinc.co.in">vineet.hetamasaria@pinc.co.in</a> | 91-22-6618 6388 |
| Nikhil Deshpande        | <i>Auto, Auto Ancillary, Cement</i>       | <a href="mailto:nikhil.deshpande@pinc.co.in">nikhil.deshpande@pinc.co.in</a>     | 91-22-6618 6339 |
| Tasmai Merchant         | <i>Auto, Auto Ancillary, Cement</i>       | <a href="mailto:tasmai.merchant@pinc.co.in">tasmai.merchant@pinc.co.in</a>       | 91-22-6618 6377 |
| Vinod Nair              | <i>Construction, Power, Capital Goods</i> | <a href="mailto:vinod.nair@pinc.co.in">vinod.nair@pinc.co.in</a>                 | 91-22-6618 6379 |
| Ankit Babel             | <i>Capital Goods, Engineering</i>         | <a href="mailto:ankit.b@pinc.co.in">ankit.b@pinc.co.in</a>                       | 91-22-6618 6551 |
| Hitul Gutka             | <i>Power</i>                              | <a href="mailto:hitul.gutka@pinc.co.in">hitul.gutka@pinc.co.in</a>               | 91-22-6618 6410 |
| Subramaniam Yadav       | <i>Construction</i>                       | <a href="mailto:subramaniam.yadav@pinc.co.in">subramaniam.yadav@pinc.co.in</a>   | 91-22-6618 6371 |
| Madhura Joshi           | <i>Power</i>                              | <a href="mailto:madhura.joshi@pinc.co.in">madhura.joshi@pinc.co.in</a>           | 91-22-6618 6395 |
| Satish Mishra           | <i>Fertiliser, Natural Gas</i>            | <a href="mailto:satish.mishra@pinc.co.in">satish.mishra@pinc.co.in</a>           | 91-22-6618 6488 |
| Urvashi Biyani          | <i>Fertiliser, Natural Gas</i>            | <a href="mailto:urvashi.biyani@pinc.co.in">urvashi.biyani@pinc.co.in</a>         | 91-22-6618 6334 |
| Naveen Trivedi          | <i>FMCG</i>                               | <a href="mailto:naveent@pinc.co.in">naveent@pinc.co.in</a>                       | 91-22-6618 6384 |
| Rohit Kumar Anand       | <i>IT Services</i>                        | <a href="mailto:rohit.anand@pinc.co.in">rohit.anand@pinc.co.in</a>               | 91-22-6618 6372 |
| Namrata Sharma          | <i>Media</i>                              | <a href="mailto:namrata.sharma@pinc.co.in">namrata.sharma@pinc.co.in</a>         | 91-22-6618 6412 |
| Sakshee Chhabra         | <i>Media</i>                              | <a href="mailto:sakshee.chhabra@pinc.co.in">sakshee.chhabra@pinc.co.in</a>       | 91-22-6618 6516 |
| Bikash Bhalotia         | <i>Metals, Mining</i>                     | <a href="mailto:bikash.bhalotia@pinc.co.in">bikash.bhalotia@pinc.co.in</a>       | 91-22-6618 6387 |
| Harleen Babber          | <i>Metals, Mining</i>                     | <a href="mailto:harleen.babber@pinc.co.in">harleen.babber@pinc.co.in</a>         | 91-22-6618 6389 |
| Dipti Vijaywargi        | <i>Metals, Mining</i>                     | <a href="mailto:dipti.vijaywargi@pinc.co.in">dipti.vijaywargi@pinc.co.in</a>     | 91-22-6618 6393 |
| Sushant Dalmia, CFA     | <i>Pharma</i>                             | <a href="mailto:sushant.dalmia@pinc.co.in">sushant.dalmia@pinc.co.in</a>         | 91-22-6618 6462 |
| Poonam Sanghavi         | <i>Pharma</i>                             | <a href="mailto:poonam.sanghavi@pinc.co.in">poonam.sanghavi@pinc.co.in</a>       | 91-22-6618 6709 |
| Suman Memani            | <i>Real Estate, Mid caps</i>              | <a href="mailto:suman.memani@pinc.co.in">suman.memani@pinc.co.in</a>             | 91-22-6618 6479 |
| Abhishek Kumar          | <i>Real Estate, Mid caps</i>              | <a href="mailto:abhishek.kumar@pinc.co.in">abhishek.kumar@pinc.co.in</a>         | 91-22-6618 6398 |
| C Krishnamurthy         | <i>Technical Analyst</i>                  | <a href="mailto:krishnamurthy.c@pinc.co.in">krishnamurthy.c@pinc.co.in</a>       | 91-22-6618 6747 |

### SALES

|                |                    |  |                 |
|----------------|--------------------|--|-----------------|
| Rajeev Gupta   | <i>Equities</i>    | <a href="mailto:rajeev.gupta@pinc.co.in">rajeev.gupta@pinc.co.in</a>     | 91-22-6618 6486 |
| Ankur Varman   | <i>Equities</i>    | <a href="mailto:ankur.varman@pinc.co.in">ankur.varman@pinc.co.in</a>     | 91-22-6618 6380 |
| Himanshu Varia | <i>Equities</i>    | <a href="mailto:himanshu.varia@pinc.co.in">himanshu.varia@pinc.co.in</a> | 91-22-6618 6342 |
| Shailesh Kadam | <i>Derivatives</i> | <a href="mailto:shaileshk@pinc.co.in">shaileshk@pinc.co.in</a>           | 91-22-6618 6349 |
| Ganesh Gokhale | <i>Derivatives</i> | <a href="mailto:ganeshg@pinc.co.in">ganeshg@pinc.co.in</a>               | 91-22-6618 6347 |

### DEALING

|                      |                                |  |                 |
|----------------------|--------------------------------|--|-----------------|
| Mehul Desai          | <i>Head - Sales Trading</i>    | <a href="mailto:mehul.desai@pinc.co.in">mehul.desai@pinc.co.in</a>         | 91-22-6618 6303 |
| Naresh Panjnani      | <i>Co-Head - Sales Trading</i> | <a href="mailto:naresh.panjnani@pinc.co.in">naresh.panjnani@pinc.co.in</a> | 91-22-6618 6333 |
| Amar Margaje         |                                | <a href="mailto:amar.margaje@pinc.co.in">amar.margaje@pinc.co.in</a>       | 91-22-6618 6327 |
| Ashok Savla          |                                | <a href="mailto:ashok.savla@pinc.co.in">ashok.savla@pinc.co.in</a>         | 91-22-6618 6321 |
| Sajjid Lala          |                                | <a href="mailto:sajjid.lala@pinc.co.in">sajjid.lala@pinc.co.in</a>         | 91-22-6618 6337 |
| Raju Bhavsar         |                                | <a href="mailto:rajub@pinc.co.in">rajub@pinc.co.in</a>                     | 91-22-6618 6322 |
| Kinjal Mehta         |                                | <a href="mailto:kinjal.mehta@pinc.co.in">kinjal.mehta@pinc.co.in</a>       | 91-22-6618 6333 |
| Chandani Bhatia      |                                | <a href="mailto:chandani.bhatia@pinc.co.in">chandani.bhatia@pinc.co.in</a> | 91-22-6618 6324 |
| Hasmukh D. Prajapati |                                | <a href="mailto:hasmukhp@pinc.co.in">hasmukhp@pinc.co.in</a>               | 91-22-6618 6325 |
| Kamlesh Purohit      |                                | <a href="mailto:kamlesh.purohit@pinc.co.in">kamlesh.purohit@pinc.co.in</a> | 91-22-6618 6357 |

### SINGAPORE DESK

|           |  |  |              |
|-----------|--|--|--------------|
| Amul Shah |  | <a href="mailto:amul.shah@sg.pinc.co.in">amul.shah@sg.pinc.co.in</a> | 65-6327 0626 |
|-----------|--|--|--------------|

### DIRECTORS

|                |  |  |                 |
|----------------|--|--|-----------------|
| Gaurang Gandhi |  | <a href="mailto:gaurangg@pinc.co.in">gaurangg@pinc.co.in</a> | 91-22-6618 6400 |
| Hemang Gandhi  |  | <a href="mailto:hemangg@pinc.co.in">hemangg@pinc.co.in</a>   | 91-22-6618 6400 |
| Ketan Gandhi   |  | <a href="mailto:ketang@pinc.co.in">ketang@pinc.co.in</a>     | 91-22-6618 6400 |

### COMPLIANCE

|               |                 |  |                 |
|---------------|-----------------|--|-----------------|
| Rakesh Bhatia | Head Compliance | <a href="mailto:rakeshb@pinc.co.in">rakeshb@pinc.co.in</a> | 91-22-6618 6400 |
|---------------|-----------------|--|-----------------|

**PINC** bright thinking

**Infinity.com**

Financial Securities Ltd

SMALL WORLD, INFINITE OPPORTUNITIES

Member : Bombay Stock Exchange & National Stock Exchange of India Ltd. : Sebi Reg No: INB 010989331. Clearing No : 211  
1216, Maker Chambers V, Nariman Point, Mumbai - 400 021; Tel.: 91-22-66186633/6400 Fax : 91-22-22049195

Disclaimer: This document has been prepared by the Research Desk of M/s Infinity.com Financial Securities Ltd. (PINC) and is meant for use of the recipient only and is not for public circulation. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors

The information contained herein is obtained and collated from sources believed reliable and PINC has not independently verified all the information given in this document. Accordingly, no representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document.

The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. The opinion expressed or estimates made are as per the best judgement as applicable at that point of time and PINC reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval

PINC, its affiliates, their directors, employees and their dependant family members may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document

This report has been prepared on the basis of information, which is already available in publicly accessible media or developed through analysis of PINC. The views expressed are those of analyst and the PINC may or may not subscribe to all the views expressed therein

This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. Neither this document nor any copy of it may be taken or transmitted into the United State (to U.S.Persons), Canada, or Japan or distributed, directly or indirectly, in the United States or Canada or distributed or redistributed in Japan or to any resident thereof. The distribution of this document in other jurisdictions may be restricted by law, and persons into whose possession this document comes should inform themselves about, and observe, any such restrictions

Neither PINC, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information.

Copyright in this document vests exclusively with PINC and this document is not to be reported or circulated or copied or made available to others.

**Our reports are also available on Reuters, Thomson Publishers and Bloomberg PINV <GO>**