

ACCUMULATE

Price	Rs222
Target Price	Rs248
Investment Period	12 Months

Stock Info

Sector	Construction
Market Cap (Rs cr)	371
Beta	0.8
52 Week High / Low	470/180
Avg Daily Volume	24956
Face Value (Rs)	10

BSE Sensex	15,117
Nifty	4,524

BSE Code	532718
NSE Code	PRATIBHA
Reuters Code	PRTL.BO
Bloomberg Code	PRILIN

Shareholding Pattern (%)

Promoters	60.2
MF / Banks / Indian FIs	14.1
FII / NRIs / OCBs	18.6
Indian Public / Others	7.1

Abs.	3m	1yr	3yr#
Sensex (%)	(12.8)	1.2	43.9
Pratibha (%)	(32.1)	(12.3)	22.5

Note: #Since listing in 2006

Shailesh Kanani

Tel: 022 - 4040 3800 Ext: 321

E-mail: shailesh.kanani@angeltrade.com

Aniruddha Mate

Tel: 022 - 4040 3800 Ext: 335

E-mail: aniruddha.mate@angeltrade.com

Amalgamation Blues

Pratibha Industries (PIL) has had an excellent historical growth trajectory. The company backward integrated into HSAW Pipe manufacturing during 2HFY2008, which would help improve or sustain Margins for PIL in the current high commodity price regime. A strong order book position also renders excellent growth visibility for PIL. However, owing to the lower multiple commanded by the Pipes Division, dilution for PIL post amalgamation with PSPL and higher Interest costs due to securitisation, we downgrade the Target Price to Rs248 (Rs299). **We downgrade the stock to Accumulate from Buy.**

■ **Amalgamation to dilute Core business Earnings, depress Valuations :** Post amalgamation, we estimate the company's consolidated Pipe Division to clock a Turnover of Rs378cr and EBIDTA Margins of 9.5% in FY2010. However, we believe that going ahead, though PIL's Pipe Division's contribution to Total Consolidated Revenues will increase, the business commands lower multiple as compared to its core Construction business. We have valued PIL's Pipe Division on 4x FY2010E EV/EBDITA, which is a lower multiple compared to its core Construction business, which commands a 7x FY2010E EV/EBDITA.

■ **Strong Order Book ensures Earnings visibility:** PIL has a strong order book of around Rs1,950cr, which is 3.5x FY2008 Revenues. PIL's order book is spread across three segments viz., Water Supply and Sewage (WS&S), Urban Infrastructure and Road segments. On the back of a strong order book, we expect the company to post a healthy 34% CAGR in standalone Top-line over FY2008-10E.

■ **Backward Integration to Pipe manufacturing to achieve higher Margins:** PIL has backward integrated and set up a 92,000mtpa capacity HSAW pipe manufacturing facility. The plant commenced commercial production in 2HFY2008 and clocked a turnover of Rs99cr in FY2008. Backward integration into the manufacture of Pipes will not only aid the company in improving/sustaining its Margins in the current high commodity price regime, but will also make it self-sufficient in its pipe requirements, which is essential as the prices of steel plates (a key raw material for pipes) have gone up significantly.

Key Financials (Standalone)

Y/E March (Rs cr)	FY2007	FY2008	FY2009E	FY2010E
Net Sales	300.8	466.0	668.6	828.5
% chg	72.8	54.9	43.5	23.9
Net Profit	20.4	22.6	29.3	39.4
% chg	65.3	11.1	29.6	34.3
FDEPS (Rs)	12.2	11.6	15.0	20.1
EBITDA Margin (%)	12.3	11.7	10.8	11.1
P/E (x)	18.2	19.2	14.8	11.0
RoE (%)	23.0	16.9	15.8	18.3
RoCE (%)	19.9	19.1	17.8	17.2
P/BV (x)	3.3	2.2	2.2	1.9
EV/Sales (x)	1.6	1.0	0.9	0.8
EV/EBITDA (x)	13.3	8.1	8.0	7.3

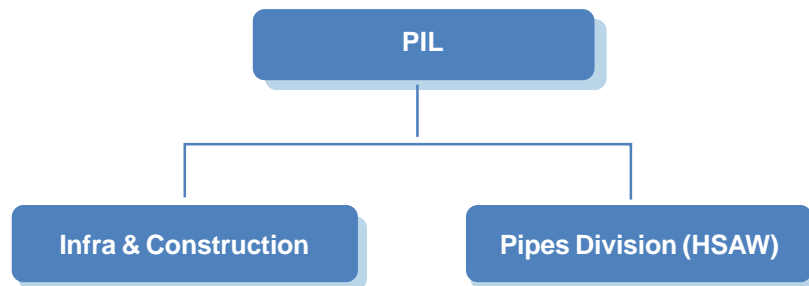
Source: Company, Angel Research

Investment Argument

Amalgamation to make PIL a larger Pipe Player

PIL's amalgamation programme entails bringing all its pipe manufacturing capacities under one roof to derive synergies in business. PIL's HSAW Pipe Division, which commenced commercial production in 2HFY2008, currently has a capacity of 92,000mtpa. This Division has clocked a turnover of Rs99cr in FY2008. It has an order book of more than 50,000 tonnes, which would translate into total Revenues of Rs250cr over the next few years.

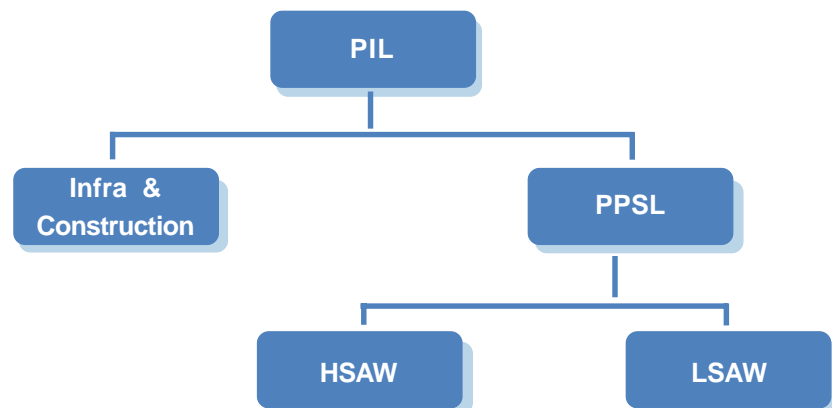
Exhibit 1: Pre-Amalgamation structure



Source: Company, Angel Research

Further, to grow its Pipe business, PIL will take over the promoter group company, Pratibha Pipes and Structural Ltd (PPSL) . PPSL is a LSAW pipe manufacturing company having a capacity of 36,000mtpa. It clocked a Turnover of Rs176cr in FY2008. According to the Amalgamation scheme, PPSL shareholders will receive PIL shares. In line with this, valuing PPSL at Rs64cr (assuming PIL's share price of Rs222), totally 2,878,981 shares would be issued to PPSL shareholders. This would entail dilution to the tune of 14.7% at PIL front.

Exhibit 2: Post Amalgamation structure



Source: Company, Angel Research

Amalgamation to dilute Core business Earnings, depress valuations

Post amalgamation, we estimate the company's consolidated Pipe Division to clock a Turnover of Rs378cr and Margins of 9.5% in FY2010. However, we believe that going ahead though PIL's Pipe Division's contribution to Total Consolidated Revenues will increase, the business commands lower multiple as compared to its core Construction business. We have valued the PIL's Pipe Division on 4x FY2010E EV/EBDITA, which is a lower multiple compared to its core Construction business, which commands a 7x FY2010E EV/EBDITA. The valuation of 4x FY2010E EV/EBDITA for the Pipe Division is at 25-30% discount to its listed peers due to the size of operations.

Strong Order Book to ensure Revenue visibility

Water has always been PIL's forte and has helped it clock high Margins

PIL has a strong order book of around Rs1,950cr, which is 3.5x FY2008 Revenues. PIL's order book is spread across three segments Water supply and sewage (WS&S), Urban Infrastructure and Road Segment. WS&S has been the major contributor to PIL's order book at 60% followed by Urban Infra and Road segment contributing 20% each. WS&S has always been PIL's forte and has helped it clock high Margins.

Share from Urban Infrastructure projects to grow

Increasing focus on non-WS&S segment

While most of its Revenues are derived from the Water segment, PIL is increasingly establishing itself in the Urban Infrastructure segment. Going ahead though, management expects to the dominance of the WS&S segment in its order book to continue and targets to concentrate on increasing the presence of the Urban Infrastructure segment in its order book. To achieve the same, PIL is positioning itself to exploit opportunities in building projects, car parks, tunneling, railways, malls and airports. PIL has also tied up with OSTU-STATIN (for tunneling projects), Grontmij (for car parks), Max (for special projects) and other companies to jointly bid and execute related projects in Urban Infrastructure Development. We believe this is a good move by PIL to grow the other segments in size and reduce the dependence on one segment (Water). This strategy would further insulate the company from any slowdown in any particular segment.

Backward Integration to Pipe manufacturing to achieve higher Margins

Backward integration to help improve / sustain Margins

PIL has been focused on its Water Division wherein it executes water pipeline projects, water transmission systems, water treatment plants, water storage systems, etc. This Division accounted for nearly two-thirds of PIL's total FY2008 consolidated Revenues of Rs565cr. Going ahead, PIL expects contribution from this Segment to be robust.

The major underlying in this business segment is Pipes. PIL has backward integrated and set up a 92,000mtpa capacity HSAW pipe manufacturing facility. The plant commenced commercial production in 2HFY2008 and contributed around 18% to the company's consolidated Top-line. Backward integrating into the manufacture of Pipes will not only aid the company in improving/sustaining its Margins in the current high commodity price regime, but will also make it self-sufficient in its pipe requirements, which is essential as the prices of steel plates (a key raw material for pipes) have gone up significantly.

PIL's HSAW manufacturing facility is API certified also, which going forward opens up vast opportunities

PIL's HSAW manufacturing facility is API certified also, which going forward opens up vast opportunities and will help it emerge as a pipe supplier to Oil and Gas majors as well. In line with this, PIL is also setting up a Polypropylene Coating (3LP) Plant Division, which is expected to commence commercial production by 4QFY2009. Capacity of the Coating Plant Division would be in the range of 17 lakh sq metres. The tough outer layer of 3LP protects pipelines during transportation and installation thereby reducing costly repairs.

High demand for pipes...

The total demand for pipes in India is expected to be around US \$9bn

Demand for pipes in India is expected to surge exponentially in the wake of: a) an upswing in E&P activity in India, b) an urgent need to create cross-country infrastructure for energy transportation, and c) increased focus on water transportation/city gas distribution infrastructure. Transportation cost for oil & gas using LSAW/HSAW would be Rs1.3/km/tonne in comparison to around Rs2.2/km/tonne by Rail and Rs3/km/tonne by Road. Similarly, the cost of transporting oil across continents via line pipes is around Rs0.4/litre/km compared to Rs2/litre/km via tankers. Hence, looking at the cost advantages and the low pipeline infrastructure that India has, it becomes imperative to invest in building pipe line infrastructure. The total demand for pipes in India is expected to be around US \$9bn. This provides good visibility to the Pipe industry in general.

India is under-piped...

Low penetration level of pipeline in India

Increasing emphasis is being laid on pipe usage for transportation of petroleum products and water, as they have come to be accepted as most cost-effective and eco-friendly means of transportation. However, India lags global peers in terms of line pipe usage. Merely 32% of India's petroleum products are transported by pipes v/s 60% in the US. India has a miniscule pipeline network of around 18,500km (mostly in the Western and Northern regions) as compared to 1,70,000km of pipeline in France and 3,29,600km in USA. Currently, crude pipelines in India cover around 8,000km while those for refined products and gas contribute 6,000km and 4,500km, respectively. Overall, penetration level of pipeline in India is also at a low 30% as against 65% and 59% for France and USA, respectively.

...but the scenario is changing

Indian companies are adding capacities and undertaking cost control measures and targeting Margin expansion by backward integration. This is indicative of the strong demand in the near future and intent of the Indian firms to en-cash on this opportunity by setting up additional capacities. The advantages far outweigh the costs incurred. The Indian pipe manufacturers have to their credit several accreditations from global oil and gas majors, including from USA, which has the most stringent quality norms.

Exhibit 3: Line Pipes score over other Modes of Transport

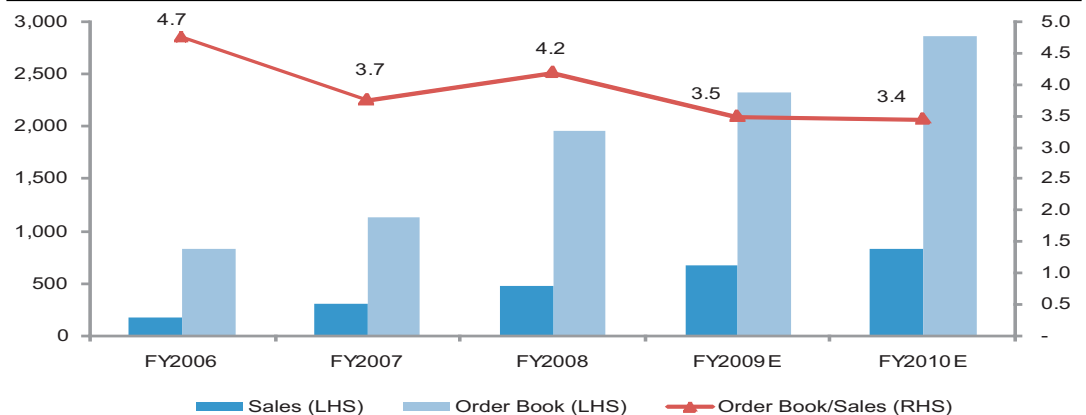


Source: Company, Angel Research

Financial Performance

PIL posted a healthy CAGR of 57% over FY2005-08 in Top-line to Rs466cr. Going ahead, we expect PIL to post a healthy 34% CAGR over FY2008-10E in Top-line on a standalone basis. Strong Sales growth would be on account of robust order book, which has increased from around Rs800cr to Rs2,000cr over FY2005-08 and is expected to further increase to Rs2,850cr by FY2010. This would be even after achieving an estimated turnover of Rs824cr in FY2010. The Sales growth would mainly be driven by the WS&S Division, which is expected to contribute more than 50% to Topline in FY2009 and FY2010. Post amalgamation, we expect the PIL's Pipe Division to post Revenues of Rs398cr in FY2010. We expect the Division to clock EBIDTA margin of 9.5% in FY2010. Our estimates are based on the assumption that the company's HSAW and LSAW Pipe Divisions will be able to achieve capacity utilisation of 55-65% and price realisations of Rs45,000/tonne.

Exhibit 4: Order Book to Sales



Source: Company, Angel Research

Threat to Margins...

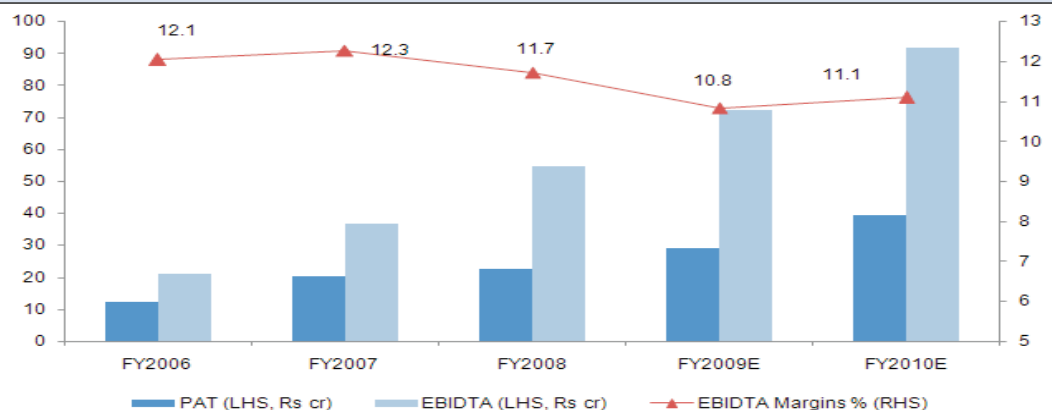
In the recent past, most of the construction companies have witnessed pressure on the Margin front on account of the spiraling commodity prices especially that of steel, which is a major cost component for the players, and rising Interest rates. The rise in steel prices even exceeded the wholesale price index (WPI) thereby adversely impacting Margins. The HRC steel prices, which are primarily used in pipeline projects (which contributes majority of PIL's order book) spiked 47% YTD in CY2008. It may be noted that while the construction companies do have a built-in 75-80% cost escalation clause (either linked to the WPI or are Star rated contacts) in their contracts, while bidding for the projects, clearly none had estimated such a sharp surge in the steel prices.

...but Backward Integration would act as a defense

Though margins of construction companies are under threat, we believe that PIL is substantially insulated in the Pipes segment, which forms majority of its current order book as it is backward integrated. However, we estimate the company to face Margin pressures in FY2009 in the Urban Infra and Roads segment. We estimate PIL to clock a 90bp yoy decline in EBIDTA Margins to 10.8% in FY2009. This would be post considering the benefits of operating efficiencies enjoyed by the company. In FY2010E, we expect the commodity prices to cool off slightly owing to which we expect the company's Margins to improve by 30bp to 11.1%. At the EBIDTA level, we expect the company to grow at a CAGR of 30% to Rs92cr over FY2008-10E.

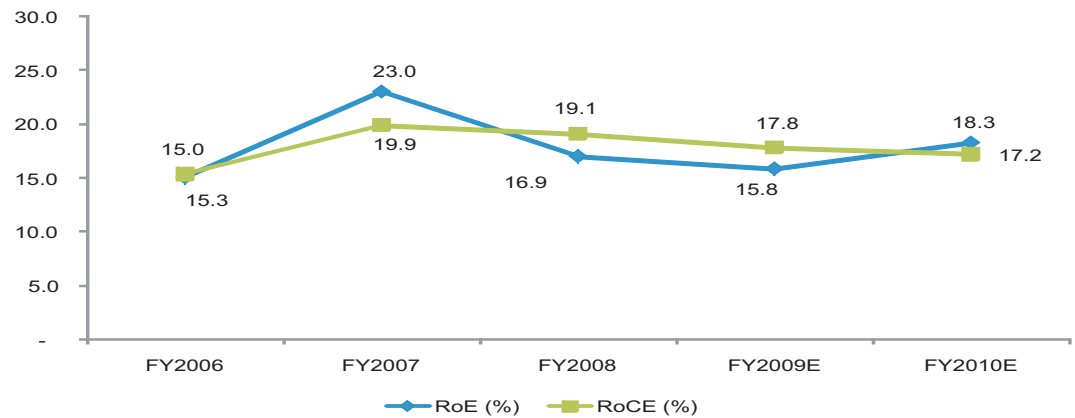
On the Net Profit front, going ahead we expect Interest costs to be on the higher side. As the company has securitised its debtors and raised money, write-offs on that account would increase the Interest costs.

Exhibit 5: Financial Indicators



Source: Company, Angel Research

Exhibit 6: Financial Indicators



Source: Company, Angel Research

Concerns

Project risks: The construction business is fraught with project risks. For instance, any delays in project execution could lead to cost overruns and invocation of performance guarantees by the client. As for PIL, most of its projects are running on schedule. However, one cannot ignore the inherent risks associated with the business.

High dependence on government expenditure: Majority of the projects are government contracts, which have inherent risks of delays in finance disbursements by the state governments. This could delay projects and exert pressure on the company's working capital. Furthermore, Central and most State elections are scheduled for CY2008-09. Just before or during the elections there could be considerable slowdown in order inflows (CY2009). In the past too, during the May 2004 elections, most of the construction companies witnessed a slowdown in order inflow growth particularly in the last quarter preceding the elections (4QFY2004). However, the order inflow substantially picked up during 2HFY2005 leading to significant growth in order inflows for FY2005.

Rising Raw Material prices: Rising raw material prices is another concern. A sharper-than expected increase in the prices of these raw materials could impact PIL's Margins. Though we have factored in the same in our Margin estimates for FY2009, for FY2010 we have assumed lower commodity prices. However, if the raw material prices continue to rule high it could pose a downside risk to our estimates.

Section 80IA benefits: PIL continues to claim benefits under Section 80 IA even though they were withdrawn in Budget 2008. According to the company, it fulfils all the required conditions under the clause of being an infrastructure developer. We have also assumed tax benefits going ahead, as we feel PIL has good chance of winning the cases which are pending on the basis that it gets most of its orders directly from the municipal corporations or other government entities which are tax free entities. However, any decision against the company would not only dent its cash position but will also affect the stock sentiment on the bourses.

Outlook and Valuation

India is currently witnessing a slowdown in GDP growth. Moreover, deteriorating government finances and political risks owing to the upcoming elections could lead to a slowdown in the government capex plans. Furthermore, considering that the Equity markets are currently not conducive for fund-raising, there is a possibility of slippages for project owners in achieving financial closures resulting in slowdown in order inflow. Despite these constraints, India's medium-to-long-term growth story remains intact. We prefer companies that have an order book backlog sufficient to take care of revenue growth for the next few quarters. Also, players with a greater share of orders with price escalation clauses are relatively better placed. The interplay of the two forces - Revenue growth and Margin pressure - will lead to a dichotomy in performance among the players.

We have valued PIL on SOTP methodology. We have assigned its core Construction business a PE of 10x FY2010E FDEPS of Rs20.1. For the Pipes Division, we have assigned 4x EV/EBIDTA on FY2010E. At the CMP of Rs222, the stock is trading at 14.8x FY2009E and 11.0x FY2010E EPS of Rs15.0 and Rs20.1 respectively, on a standalone basis. Owing to the lower multiple commanded by the Pipe Division, pending dilution for PIL and higher Interest costs, we are revising our Target Price downwards to Rs248 (Rs299). **Consequently, we also downgrade our rating on the stock from Buy to Accumulate.**

Profit & Loss Statement
Rs crore

Y/E March	FY2007	FY2008	FY2009E	FY2010E
Net Sales	300.8	466.0	668.6	828.5
% chg	72.8	54.9	43.5	23.9
Total Expenditure	264	411	596	737
EBIDTA	36.9	54.6	72.4	92.0
(% of Net Sales)	12.3	11.7	10.8	11.1
Other Income	-	-	-	-
Depreciation & Amortisation	1.1	3.6	5.4	9.1
Interest	12.3	22.5	30.7	34.0
PBT	23.5	28.5	36.3	48.8
(% of Net Sales)	7.8	6.1	5.4	5.9
Extraordinary Expense/(Inc.)	-	-	-	-
Tax	3.1	5.9	7.0	9.5
(% of PBT)	13.3	20.7	19.2	19.4
PAT	20.4	22.6	29.3	39.4
% chg	66.0	11.1	29.6	34.3
(% of Net Sales)	6.8	4.9	4.4	4.8
ADJ. PAT	20.4	22.6	29.3	39.4
% chg	65.3	11.1	29.6	34.3
(% of Net Sales)	6.8	4.9	4.4	4.8

Balance Sheet
Rs crore

Y/E March	FY2007	FY2008	FY2009E	FY2010E
SOURCES OF FUNDS				
Equity Share Capital	14.3	16.7	19.6	19.6
Reserves & Surplus	80.6	155.6	179.3	212.8
Shareholders Funds	94.9	172.2	198.8	232.4
Total Loans	132.8	131.8	245.6	283.2
Deferred Tax Liability	0.5	1.8	1.8	1.8
Total Liabilities	228.2	305.8	446.2	517.4
APPLICATION OF FUNDS				
Gross Block	24.5	86.1	142.6	215.1
Less: Acc. Depreciation	3.3	6.8	12.3	21.4
Net Block	21.3	79.2	130.3	193.7
Capital Work-in-Progress	28.0	31.5	32.5	25.0
Investments	11.9	103.5	12.5	14.3
Current Assets	238.3	356.3	471.6	553.7
Current liabilities	71.3	264.7	200.7	269.3
Net Current Assets	167.0	91.6	270.9	284.4
Mis. Exp. not written off	0.0	-	-	-
Total Assets	228.2	305.8	446.2	517.4

Cash Flow Statement
Rs crore

Y/E March	FY2007	FY2008	FY2009E	FY2010E
Profit before tax	23.5	28.5	36.3	48.8
Depreciation	1.1	3.6	5.4	9.1
Change in Working Capital	45.3	(81.8)	141.5	66.2
Direct taxes paid	2.8	4.6	7.0	9.5
Cash Flow from Operations(23.4)	109.3	(106.7)	(17.7)	
Inc./ (Dec.) in Fixed Assets	36.8	65.1	57.5	65.0
Free Cash Flow	(60.3)	44.2	(164.2)	(82.7)
Inc./ (Dec.) in Investments	(17.6)	91.6	(91.0)	1.8
Issue of Equity	(4.5)	58.8	2.9	0.0
Inc./ (Dec.) in loans	82.5	(1.0)	113.8	37.6
Dividend Paid (Incl. Tax)	3.2	3.9	5.7	5.8
Others	(4.2)	0.2	(0.1)	0.0
Cash Flow from Financing	96.6	(37.8)	202.1	30.0
Inc./ (Dec.) in Cash	36.3	6.4	37.8	(52.7)
Opening Cash balances	3.3	39.6	46.0	83.9
Closing Cash balances	39.6	46.0	83.9	31.1

Key Ratios

Y/E March	FY2007	FY2008	FY2009E	FY2010E
Per Share Data (Rs)				
EPS (fully diluted)	12.2	11.6	15.0	20.1
Cash EPS	15.0	15.7	17.8	24.8
DPS	2.0	2.0	2.5	2.5
Book Value	66.4	103.2	101.6	118.8
Operating Ratio (%)				
Raw Material / Sales (%)	79.2	95.7	78.5	77.9
Inventory (days)	26.3	123.2	66.8	52.4
Debtors (days)	186.7	55.7	80.0	120.0
Debt / Equity (x)	1.4	0.8	1.2	1.2
Returns (%)				
RoE	23.0	16.9	15.8	18.3
RoCE	19.9	19.1	17.8	17.2
Dividend Payout	16.4	17.3	16.7	12.4
Valuation Ratio (x)				
P/E	18.2	19.2	14.8	11.0
P/E (Cash EPS)	14.8	14.1	12.5	9.0
P/BV	3.3	2.2	2.2	1.9
EV / Sales	1.6	1.0	0.9	0.8
EV / EBITDA	13.3	8.1	8.0	7.3

Fund Management & Investment Advisory	(☎ 022 - 4040 3800 / 2835 9600)	
P. Phani Sekhar	Fund Manager - (PMS)	phani.sekhar@angeltrade.com
Siddharth Bhamre	Head - Investment Advisory	siddharth.bhamre@angeltrade.com
Devang Mehta	AVP - Investment Advisory	devang.mehta@angeltrade.com
Research Team	(☎ 022 - 4040 3800 / 2835 9600)	
Hitesh Agrawal	Head - Research	hitesh.agrawal@angeltrade.com
Sarabjit Kour Nangra	VP-Research, Pharmaceutical	sarabjit@angeltrade.com
Vaishali Jajoo	Automobile	vaishali.jajoo@angeltrade.com
Harit Shah	IT, Telecom	harit.shah@angeltrade.com
Rohit Nagraj	Oil & Gas	rohit.nagraj@angeltrade.com
Pawan Burde	Metals & Mining, Cement	pawan.burde@angeltrade.com
Vaibhav Agrawal	Banking	vaibhav.agrawal@angeltrade.com
Girish Solanki	Power, Mid-cap	girish.solanki@angeltrade.com
Shailesh Kanani	Infrastructure, Real Estate	shailesh.kanani@angeltrade.com
Anand Shah	FMCG , Media	anand.shah@angeltrade.com
Sulabh Agrawal	Mid-cap	sulabh.agrawal@angeltrade.com
Puneet Bambha	Capital Goods, Engineering	puneet.bambha@angeltrade.com
Jaydeep Mavani	Research Associate (Automobile)	jaydeep.mavani@angeltrade.com
Amit Vora	Research Associate (Oil & Gas)	amit.vora@angeltrade.com
Richa Chandak	Research Associate (Banking)	richa.chandak@angeltrade.com
Aniruddha Mate	Research Associate (Infra, Real Estate)	aniruddha.mate@angeltrade.com
Shweta Boob	Research Associate (FMCG , Media)	shweta.boob@angeltrade.com
V Srinivasan	Research Associate (Power, Mid-cap)	v.srinivasan@angeltrade.com
Amit Bagaria	PMS	amit.bagaria@angeltrade.com
Neha Idnany	Research Associate - (PMS)	neha.idnany@angeltrade.com
Sandeep Wagle	Chief Technical Analyst	sandeep@angeltrade.com
Ajit Joshi	AVP Technical Advisory Services	ajit.joshi@angeltrade.com
Brijesh Ail	Manager - Technical Advisory Services	brijesh@angeltrade.com
Prasad Kushe	Sr. Technical Analyst	prasad.kushe@angeltrade.com
Vaishnavi Jagtap	Sr. Technical Analyst	vaishnavi.jagtap@angeltrade.com
Milan Sanghvi	Sr. Technical Advisor (TAS)	milan.sanghvi@angeltrade.com
Mileen Vasudeo	Technical Advisor (TAS)	vasudeo.kamalakant@angeltrade.com
Commodities Research Team		
Amar Singh	Research Head (Commodities)	amar.singh@angeltrade.com
Samson P	Sr. Technical Analyst	samsonp@angeltrade.com
Anuj Gupta	Sr. Technical Analyst	anuj.gupta@angeltrade.com
Girish Patki	Sr. Technical Analyst	girish.patki@angeltrade.com
Commodities Research Team (Fundamentals)		
Badruddin	Sr. Research Analyst (Agri)	badruddin@angeltrade.com
Mandar Pote	Research Analyst (Energy)	mandar.pote@angeltrade.com
Bharathi Shetty	Research Editor	bharathi.shetty@angeltrade.com
Bharat Patil	Production	bharat.patil@angeltrade.com

Research & Investment Advisory: Acme Plaza, 3rd Floor 'A' wing, M.V. Road, Opp Sangam Cinema, Andheri (E), Mumbai - 400 059

Disclaimer
 This document is not for public distribution and has been furnished to you solely for your information and must not be reproduced or redistributed to any other person. Persons into whose possession this document may come are required to observe these restrictions.
 Opinion expressed is our current opinion as of the date appearing on this material only. While we endeavor to update on a reasonable basis the information discussed in this material, there may be regulatory, compliance, or other reasons that prevent us from doing so. Prospective investors and others are cautioned that any forward-looking statements are not predictions and may be subject to change without notice. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.
 The information in this document has been printed on the basis of publicly available information, internal data and other reliable sources believed to be true and are for general guidance only. While every effort is made to ensure the accuracy and completeness of information contained, the company takes no guarantee and assumes no liability for any errors or omissions of the information. No one can use the information as the basis for any claim, demand or cause of action.
 Recipients of this material should rely on their own investigations and take their own professional advice. 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 their own advisors to determine the merits and risks of such an investment. Price and value of the investments referred to in this material may go up or down. Past performance is not a guide for future performance. Certain transactions - futures, options and other derivatives as well as non-investment grade securities - involve substantial risks and are not suitable for all investors. Reports based on technical analysis centers on studying charts of a stock's price movement and trading volume, as opposed to focusing on a company's fundamentals and as such, may not match with a report on a company's fundamentals.
 We do not undertake to advise you as to any change of our views expressed in this document. While we would endeavor to update the information herein on a reasonable basis, Angel Broking, its subsidiaries and associated companies, their directors and employees are under no obligation to update or keep the information current. Also there may be regulatory, compliance, or other reasons that may prevent Angel Broking and affiliates from doing so. Prospective investors and others are cautioned that any forward-looking statements are not predictions and may be subject to change without notice. Angel Broking Limited and affiliates, including the analyst who has issued this report, may, on the date of this report, and from time to time, have long or short positions in, and buy or sell the securities of the companies mentioned herein or engage in any other transaction involving such securities and earn brokerage or compensation or act as advisor or have other potential conflict of interest with respect to company/ies mentioned herein or inconsistent with any recommendation and related information and opinions.
 Angel Broking Limited and affiliates may seek to provide or have engaged in providing corporate finance, investment banking or other advisory services in a merger or specific transaction to the companies referred to in this report, as on the date of this report or in the past.

Ratings (Returns) :

Buy (Upside > 15%)
Reduce (Downside upto 15%)

Accumulate (Upside upto 15%)
Sell (Downside > 15%)

Neutral (5 to -5%)

Corporate & Marketing Office	: 612, Acme Plaza, M.V. Road, Opp Sangam Cinema, Andheri (E), Mumbai - 400 059	Tel : (022) 4000 3600 / 2835 9600
Wealth Management	: e-mail : wmselpdesk@angeltrade.com	Tel : (022) 4035 3100
Investment Advisory Helpdesk	: e-mail : advisory@angeltrade.com	Tel : (022) 4040 3800
Commodities	: e-mail : commodities@angeltrade.com	Tel : (022) 4035 8600
PMS	: e-mail : pmselpdesk@angeltrade.com	Tel : (022) 4005 8211
Feedback	: e-mail : feedback@angeltrade.com	Tel : (022) 2835 5000

Regional Offices:

Ahmedabad - Manoj Johnson Tel: (079) 3007 0749 - 751	Jaipur - Ranveer Singh Tel: (0141) 222 3334	Mumbai (Powai) - Vishal Mishra Tel: (022) 4079 6000
Bengaluru - Dhiraj Pandey Tel: (080) 4153 6700 - 03	Kanpur - Vivek Singh Tel: (0512) 3017 700	New Delhi - Rohit Pateria Tel: (011) 4605 6600 / 4151 2555 / 2666
Chennai - Thiruneer Selvan Tel: (044) 4226 9000	Kolkata - Vikram Malik Tel: (033) 4009 9899	Pune - Shardul Kulkarni / Sulbha Shinde Tel: (020) 2551 3143 / 3071 0250
Cochin - Jubin Varkey Tel: (0484) 4075 000	Lucknow - Ejaz Mohyi Tel: (0522) 3057 700	Rajkot - Vijay Popat Tel : (0281) 2490 847
Coimbatore - Lakshminarayanan R Tel: (0422) 4294 801 - 26	Ludhiana - Pooja Jain Tel: (0161) 4697 400	Surat - Pratik Sanghvi / Dinesh Maheshwari Tel: (0261) 6696 666
Hyderabad - Mohsin Ahmed Tel: (040) 6673 3573 / 74	Nagpur - Sanchit Tiwari Tel: (0712) 3041 500	Visakhapatnam - Vamsi Krishna Tel : (0891) 6620 572-75
Indore - Avtar Singh Grewal Tel: (0731) 3013 360 - 65	Nashik - Nilesh Supekar Tel: (0253) 6614 235/236	

Private Client Group Offices:

Mumbai - Prakarsh Gagdani Tel: (022) 4040 3800	Rajkot (Race course) - Nishit Maniar Mobile: 99989 59982	Premier House - Pankaj Mungre Tel: (022) 4035 8600
Ahmedabad (C. G. Road) - Arpit Shah Tel: (079) 3007 4049 / 50	Surat - Amit Keshwani Tel : (0261) 6696 666	

Sub - Broker Marketing:
Branch Offices:

Andheri (Lokhandwala) - Tel : (022) 2639 2626	Ahmedabad (Maninagar) - Tel: (079) 3048 0241	Jaipur - (Rajapark) Tel: (0141) 4000 500/94143	Rajkot (University Rd.) - Tel : (0281) 2577408
Andheri (W) - Tel: (022) 2635 2345 / 6668 0021	Ahmeda. (Ramdevnagar) - Tel : (079) 4006 5842	Jaigaon - Tel: (0257) 3200 906	Rajkot - (Bhakti Nagar) Tel : (0281) 236 1935
Bandra (W) - Tel: (022) 2655 5560 / 70	Ahmedabad (Sabarmati) - Tel : (079) 2751 6788	Jamnagar - Tel: (0288) 2664 941 - 44, 3217 790	Rajkot - (Indira circle) Tel : (0281) 2585 751
Bandra (W) - Tel: (022) 6643 2694 - 99	Ahmedabad (Satellite) - Tel: (079) 4000 1000	Jamnagar (Cross Word) - Tel: (0288) 2751 118	Rajkot (Orbit Plaza) - Tel: (0281) 2463 291-94
Borivali (W) - Tel: (022) 2895 2600 / 1 / 2	Ahmedabad (Shahibaug) - Tel: (079) 2286 1055	Jamnagar - T el: (0288) Tel: (0288) 2665 708	Rajkot (Pedak Rd) - Tel: (0281) 2925 055
Borivali (Punjabi Lane) - Tel: (022) 4075 6000/01	Amreli - Tel: (02792) 228 800/231039-42	Jodhpur - Tel: (0291) 5100 941-948	Rajkot (Ring Road)- Mobile: 99245 99393
Borivali (W) - Tel: (022) 3092 1969	Amritsar - Tel: (0183) 3987 000	Junagadh - Tel : (0285) 2622 483/2622 484	Rajkot (Star Chambers) - Tel : (0281) 2233 230
Chembur - Tel: (022) 6703 0210 / 11 / 12	Anand - Tel : (02692) 267 041-45	Keshod - Tel: (02871) 234 027 / 233 967	Rajkot - (Star Chambers) - Tel: (0281) 2225 401
Chembur - (Basant) - Tel:(022) 3267 9114/ 15	Ankleshwar - Tel: (02646) 652 681-85	Kolkata (N. S. Rd) - Tel: (033) 4011 9899	Salem - Tel: (0427) 4046 555 - 62
Fort - Tel: (022) 2263 4050-55	Baroda - Tel: (0265) 2226 103-04 / 6624 280	Kolkata (P. A. Shah Rd) - Tel: (033) 40109899	Secunderabad - Tel : (040) 6690 5192 / 3 / 4
Ghatkopar (E) - Tel: (022) 6799 3185 - 88	Baroda (Akota) - Tel: (0265) 2355 258 / 6499 286	Kota - Tel : (0744) 5100 470 / 2365 200	Surat (Mahidharapura) - Tel: 2402 911 - 915
Goregaon (W) - Tel: (022) 2878 9401 / 02	Baroda (Manjalpur) - Tel: (0265) 6454280-3	Mansarovar - Tel:(0141) 3057 700/98280 90009	Surat - Tel : (0261) 2257 990 / 909
Kalbadevi - Tel: (022) 2243 5599 / 2242 5599	Bengaluru - Tel: (080) 4072 0800 - 29	Mehsana - Tel: (02762) 645 291 / 92	Surat (Ring Road) - Tel : (0261) 6696 666
Kandivali (W) - Tel: (022) 2867 3800/2867 7032	Bhavnagar - Tel: (0278) 2512099 / 755	Mysore - Tel: (0821) 4004 200 - 30	Surendranagar - Tel: (02752) 223305
Kandivali - Tel: (022) 2846 1267 / 1654 / 2056	Bhavnagar (Shastrinagar) - Mobile: 92275 32302	Nadiad - Tel : (0268) - 2527 230 / 31	Udaipur - Tel - 098870 60723 / 099291 04723
Malad (E) - Tel: (022) 2880 4440	Bhopal - Tel : (0755) 3256 663 / 4024 000	Nashik - Tel: (0253) 6614 252 / 3048 908	Valsad - Tel - (02632) 645 344 / 45
Malad (W) - Tel: (022) 2880 0960 / 68	Bikaner - Tel: (0151) 2207 148 / 98281 03988	New Delhi (Bhikaji Cama) - Tel: (011) 41659711	Vapi - Tel: (0260) 2400 210 / 214 / 236
Masjid Bander - Tel: (022) 2355 5130 / 1 / 2 / 8	Chandigarh - Tel: (0172) 4697 400	New Delhi (Lawrence Rd.) - Tel: (011) 3262 8699	Varachha - (0261) 2551633 - 39
Mulund (W) - Tel: (022) 2562 2282	Deesa - Mobile: 98795 19881	New Delhi (Pitampura) - Tel: (011) 4700 2380	Vijayawada - Tel : (0866) 6636900 / 901/ 902
Nerul - Tel: (022) 2771 9012 - 17	Erode - Tel: (0424) 4065 555 - 65	New Delhi (Nehru Place) - Tel: (011) 4651 2900	Warangal - Tel: (0870) 6452 223 / 7
Powai (E) - Tel: (022) 40262170 / 1 / 2 / 3	Faridabad - Tel: (0129) 4281 401 - 23	New Delhi (Preet Vihar) - Tel: (011) 4242 1105	
Sion - Tel: (022) 2404 1054	Gajuwaka - Tel: (0891) 2541 571 - 4	Noida - Tel : (0120) 4639900 / 1 / 9	
Thane (W) - Tel: (022) 2539 0786 / 0650-651	Gandhinagar - Tel: (079) 4010 1010 - 31	Palanpur - Tel : (02742) 645 171 / 72	
Vashi - Tel: (022) 2765 4749 / 2251	Gandhidham - Tel: (02836) 237 135	Patan - Tel: (02766) 222 306	
Vile Parle (W) - Tel: (022) 2610 2894 / 95	Gondal - Tel: (02825) 240 693 / 4	Patel Nagar - Tel : (011) 45030 600	
Wadala - Tel: (022) 2414 0607 / 08	Ghaziabad - Tel: (0120) 4185 300	Porbandar - Tel : (0286) 221 5310 / 31	
Ajmer - Tel: (0145) 3058 400	Gurgaon - Tel: (0124) 4712 915	Porbandar(Kuber Life Style) - Mob.-98242 53737	
Alwar - Tel: (0144) 2703 561 / 99826 23223	Himatnagar - Tel: (02772) 241 008 / 241 346	Pune - Tel : (020) 6620 6591 / 6620 6595	
Ahmeda. (Bapu Nagar) - Tel : (079) 3026 0204	Hyderabad - Tel: (040) 4222 2070-5	Pune (Camp) - Tel: (020) 3058 2862 / 3	
Ahmedabad (C. G. Road) - Tel: (079) 4021 4023	Hubli - Tel: (0836) 4267 500 - 22	Pune - Tel: (020) 6640 8300 / 3052 3217	
Ahmeda. (Gurukul) - Tel: (079) 6522 5510	Indore - Tel: (0731) 4238 600	Rajamundhry - Tel: (0883) 2477 571 - 5	
Ahmedabad (Kalapur) - Tel: (079) 3022 6782 / 83	Indore - Tel: (0731) 4042 242 / 4044 366	Rajkot (Ardella) Tel : (0281) 2926 568	