

Company

23 July 2009 | 10 pages

Thermax (THMX.BO)

Rating change ☑ Target price change ☑ Estimate change ☑

Equity

Challenging FY10E; Expensive Valuations; Downgrade to Sell

- Raising target, but downgrading to Sell We increase our target to Rs414 (from Rs211), based on a P/E of 16x Sept 10E (vs. 8x FY10E earlier) a 27% discount to BHEL given lower visibility into revenues. Thermax, up ~134% YTD, is at a P/E of 19x FY10E, factoring in a broader economic revival. We believe FY10E could remain challenging and downgrade the stock from Buy to Sell.
- 1Q FY10 revenues down 25% yoy; PAT declines 27% yoy, worse than expected The revenue decline was due to lower order intake in 3Q FY09. Margin improvement, driven by cost-cutting initiatives, was a positive surprise and commendable given the revenue decline. Thermax's order book at Rs32bn is up 22% yoy and 11.4% qoq positive as a slowdown in orders was an overhang on the stock.
- Management expects decline in FY10E revenues, pickup in 2H FY10E FY10 revenues are likely to decelerate due to lower order intake in FY09. Thermax expects FY10 order inflows to grow marginally on a recovering economy, especially in 2H FY10E. Food processing, agro-based industries, distilleries & cement sectors are picking up, while the metal sector remains subdued.
- Cutting EPS for FY10E by 16% We factor in lower revenues given order renegotiations/cancellations, and expect order inflows to pick up meaningfully only in 2H FY10E/1H FY11E, which would lower revenue booking in the current year given the short-cycle nature of orders of its product business.
- Early beneficiary of recovery, but order inflows have to grow meaningfully While there has been some pickup in order inflows, we believe it has to pick up strongly for the stock to re-rate from current levels. Also, while 1Q FY10E order book is up YoY, at end-2Q FY10E it could be flat/negative given the high-base effect (adjusted for cancelled orders).

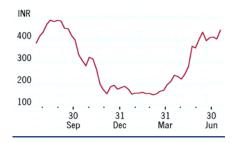
Figure 1. Thermax Statistical Abstract

Year to	Net Profit	Diluted EPS	EPS growth	P/E	P/B	ROE	Yield
31-Mar	(RsM)	(Rs)	(%)	(x)	(x)	(%)	(%)
2007A	1,992	16.72	96.1	25.7	8.7	38.0	1.4
2008A	2,787	23.39	39.9	18.4	6.8	41.4	1.4
2009A	3,554	29.82	27.5	14.4	5.2	40.7	1.2
2010E	2,651	22.25	-25.4	19.3	4.3	24.4	1.2
2011E	3,520	29.54	32.8	14.6	3.5	26.7	1.4

Source: Company and Citi Investment Research and Analysis estimates

Sell/Medium Risk 3 M from Buy/Medium Risk Price (22 Jul 09) Rs429.40 Target price Rs414.00 from Rs211.00 Expected share price return -3.6% Expected dividend yield 1.2% **Expected total return** -2.4% Market Cap Rs51.166M US\$1,057M

Price Performance (RIC: THMX.BO. BB: TMX IN)



Deepal Delivala

+91-22-6631-9857 deepal.delivala@citi.com

Venkatesh Balasubramaniam

+91-22-6631-9864

venkatesh.balasubramaniam@citi.com

Atul Tiwari

+91-22-6631-9866 atul.tiwari@citi.com

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Fiscal year end 31-Mar	2008	2009	2010E	2011E	2012E
Valuation Ratios					
P/E adjusted (x)	18.4	14.4	19.3	14.5	11.4
EV/EBITDA adjusted (x)	11.1	9.0	11.8	8.8	6.6
P/BV (x)	6.8	5.2	4.3	3.5	2.9
Dividend yield (%)	1.4	1.2	1.2	1.4	1.9
Per Share Data (Rs)					
EPS adjusted	23.39	29.82	22.25	29.54	37.73
EPS reported	24.40	24.25	22.25	29.54	37.73
BVPS	63.41	83.28	99.44	121.97	150.34
DPS	6.00	5.00	5.00	6.00	8.00
Profit & Loss (RsM)					
Net sales	34,815	34,603	32,052	40,962	52,174
Operating expenses	-30,923	-29,791	-28,442	-36,079	-45,862
EBIT	3,893	4,812	3,611	4,883	6,312
Net interest expense	-17	-38	-38	-38	-38
Non-operating/exceptionals	439	404	445	489	538
Pre-tax profit	4,315	5,178	4,017	5,334	6,811
Tax	-1,528	-1,624	-1,366	-1,814	-2,316
Extraord./Min.Int./Pref.div.	121	-664	0	0	0
Reported net income	2,907	2,889	2,651	3,520	4,495
Adjusted earnings	2,787	3,554	2,651	3,520	4,495
Adjusted EBITDA	4,125	5,163	4,023	5,325	6,783
Growth Rates (%)	40.0	0.0	7.4	07.0	07.4
Sales	49.6	-0.6	-7.4	27.8	27.4
EBIT adjusted	44.5	23.6	-25.0	35.2	29.3
EBITDA adjusted	42.8 39.9	25.2 27.5	-22.1 -25.4	32.4	27.4 27.7
EPS adjusted	33.3	27.3	-23.4	32.8	21.1
Cash Flow (RsM)					
Operating cash flow	2,667	1,393	477	3,562	3,441
Depreciation/amortization	232	351	412	442	472
Net working capital	-538	-1,874	-2,586	-400	-1,526
Investing cash flow	-1,788	2,204	-500	-500	-500
Capital expenditure Acquisitions/disposals	-1,928 140	-1,954 4,158	-500 0	-500 0	-500 0
Financing cash flow	-1, 271	-481	- 766	- 836	-1,115
Borrowings	-1, 27 1 -22	41	-700 -41	-030	-1,113
Dividends paid	-1,115	-697	-697	-836	-1,115
Change in cash	-392	3,116	-789	2,226	1,826
Balance Sheet (RsM)					
Total assets	20,278	23,847	21,807	26,758	31,982
Cash & cash equivalent	580	3,696	2,907	5,133	6,959
Accounts receivable	5,305	5,719	5,796	7,407	9,434
Net fixed assets	3,485	5,088	5,176	5,234	5,262
Total liabilities	12,722	13,924	9,958	12,224	14,068
Accounts payable	4,552	4,199	3,664	4,669	5,946
Total Debt	0	41	0	0	0
Shareholders' funds	7,556	9,923	11,849	14,534	17,914
Profitability/Solvency Ratios (%)					
EBITDA margin adjusted	11.8	14.9	12.6	13.0	13.0
					07.7
ROE adjusted	41.4	40.7	24.4	26.7	21.1
ROE adjusted ROIC adjusted		59.5	24.4 27.4	31.8	36.1
	41.4				27.7 36.1 -38.8

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1Q FY10 standalone PAT down 27% yoy

- 1Q FY10 revenues down 25% yoy: The decline was due to lower order intake in 3Q FY09. Revenues in the energy segment declined 23% yoy and the environment segment declined 30% yoy.
- Margins improved despite sharp decline in revenues: The EBITDA margin improved slightly in the quarter commendable given the sharp fall in revenues due to cost-cutting initiatives undertaken by the company.
- Recurring PAT declined 27% yoy on the back of lower revenues.
- Order book up 22% yoy a positive: Thermax's standalone order book is up 22% yoy and 11.4% qoq. This is a key positive as a slowdown in order inflows was a key overhang on the stock. The company registered order inflows of Rs10bn in 1Q FY10 vs. Rs5.8bn in 4Q FY09.

Figure 2. Thermax 1Q FY10 Results

	1Q FY09	1Q FY10	Comments
Order backlog eoy	26,490	32,300	
Growth %		22%	
Sales & Services (excluding Excise Duty)	7,087	5,228	Lower revenues due to lower intake of orders in 3Q FY09
Other Income from Operations	83	148	
otal Income	7,170	5,376	
% Growth YoY	,	-25%	
EBITDA	911	689	Margins improved due to cost-cutting measures
BITDA margin%	12.71%	12.82%	
Depreciation	(70)	(95)	
nterest	(3)	(5)	
ther Income	102	103	
PBT	940	692	
- Tax	(303)	(227)	
ffective Tax rate %	32%	33%	
Recurring PAT	637	465	
Recurring PAT margin %	8.89%	8.65%	
Recurring PAT growth %		-27%	

Source: Company and Citi Investment Research and Analysis

Conference call takeaways

- FY10 revenues to decelerate: 1Q FY10 revenues declined due to lower order intake in 3Q FY09 and liquidity constraints at the client's end, which led to slower execution. The company expects FY10 revenues to be lower than FY09 revenues due to lower order intake in FY09.
- Positive growth in order inflows in FY10E: Management suggested that the order inflows for FY10E would be higher than FY09 on the back of a recovering economy. Inflow growth could be in the range of 10-15% if markets improved.
- Who is investing and who is not: Management suggested that certain enduser segments have started serious inquiries sectors like food processing, agro-based industries, distilleries and cement industries are seeing some

- pickup. The company has got a USD\$29m order from a GCC country for a captive power plant for a cement company and a Rs1.03bn order from Madras Cements in India. The metals segment, especially ferrous metals, is still showing no signs of a pickup.
- Margins to remain stable: The company expects margins to remain largely stable at current levels. Thermax has undertaken cost-cutting initiatives in the form of "Project Ever-lean" which focuses on streamlining processes, eliminating waste and reducing costs.
- Outlook: Most of Thermax's clients in the private sector are expecting some pick-up in FY11. Thermax is expecting some uptick in order inflow from 3Q FY10E. Competition remains tough, and the company is focusing on costcutting initiatives.
- On track for supercritical technology by FY12: The company currently has capability for utility boiler units up to 300MW. It intends to improve this to 500MW in the near term and to 800MW (super-critical technology) by FY12.

■ Technical tie-ups

- Thermax has tied up with GE Water USA. GE's ultrafiltration and membrane bio-reactor technology will be used by Thermax for wastewater treatment projects. Thermax estimates that the need for advanced water treatment for India's industrial sectors is growing by 50% every year driven by regulations regarding recycling of wastewater. Thermax will also distribute GE's reverse osmosis membranes to customers in India for water treatment projects.
- Thermax has tied up with Wehrle Umwelt GmbH, Germany, for industrial effluent treatment: Thermax has signed a technology agreement for treatment of hard to treat industrial effluents. The technological tie-up will address pharmaceutical and bulk drug manufacturers; chemical industries; pulp and paper industries etc.
- Progress on Essar and Brahmani orders Thermax has received advances from both Essar and Brahmani Steel for the renegotiated orders totaling ~Rs6.7bn. The company is waiting for Letters of Credit from the clients to start executing. Thermax has completed the raw material and component ordering for the Essar order.

Reducing our earnings estimate for FY10E by 16%

- We are factoring in lower revenues on the back of the order renegotiations by Essar and Brahmani Steel. We also expect the order inflow momentum to pick up in a meaningful manner only in 2H FY10E / 1H FY11E given that corporate capex will take some time to recover, which would lower revenue booking in the current year.
- We are cutting our margin assumptions for FY10E given that not all of the margin expansion seen in FY09 is expected to sustain once execution of orders picks up in 2H FY10E.

	FY10E	FY11E
Sales		
Old	36,459	39,925
New	32,052	40,962
% change	-12%	3%
EBITDA		
Old	13.00%	13.00%
New	12.55%	13.00%
% change	(45.00)	0.00
PAT		
Old	3,139	3,469
New	2,651	3,520
% change	-16%	1%

Increasing TP to Rs414; downgrade to Sell/Medium Risk

- We increase our target price of Thermax to Rs414, based on a P/E of 16x Sept 10E a 27% discount to BHEL. Thermax has traded at an average P/E of ~15x over the last 6 years and at an average discount of 13% to BHEL P/E over the last 6 years. We believe that this discount will widen, given lower visibility of revenues.
- Thermax has risen ~134% YTD and is currently trading at a PE of 19x FY10E, factoring in much of the good news regarding expectations of a broader economic revival.
- We believe FY10E could remain challenging and the stock could trade sideways if the order inflows do not pickup significantly. Consequently, we downgrade the stock to Sell/Medium Risk from Buy/Medium risk.

Source: Citi Investment Research and Analysis

Figure 4. Thermax PE chart Figure 5. Thermax, BHEL and Sensex PE 1200 Thermax, BHEL and Sensex 1 yr Forward PE FY04-FY09 50.0 Average PE: 15x 1000 36x 45.0 Max PE: 34x 40.0 Min PE: 5x 800 35.0 30.0 25.0 600 20x 20.0 15.0 400 10.0 5.0 200 0.0 0 Dec-04 Mar-05 Thermax Fwd PE — BHEL Fwd PE — Sensex Fwd PE

Source: Citi Investment Research and Analysis

Thermax

Company description

Thermax specializes in energy and environment engineering solutions. It offers products and services in heating, cooling, waste heat recovery, captive power, water treatment and recycling, waste management and performance chemicals.

Investment strategy

We have a Sell/Medium Risk rating on Thermax. Thermax has run up sharply this year, factoring in expectations of a broader economic revival. While there has been some pickup in order inflow, we believe it has to pick up strongly for the stock to re-rate. FY10E is likely to remain challenging.

Valuation

Our target price for Thermax of Rs414 is based on a P/E of 16x Sept 10E, in line with the stock's 6-year average range of 15-16x. For reference, during the same period Thermax has traded at an average P/E discount of 13% to sector leader BHEL. We believe that this discount will widen due to lower visibility into revenues for Thermax.

Risks

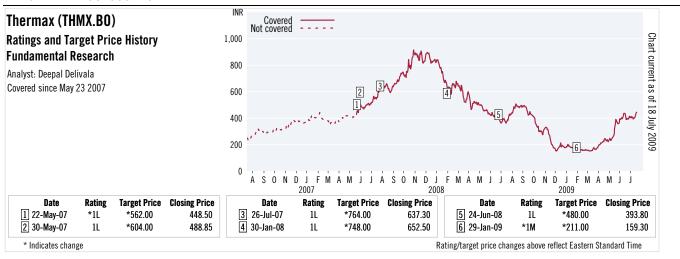
We rate Thermax shares as Medium Risk. We believe this is appropriate given that Thermax's business model is dependent on capex of the private sector, which has not picked up materially. The key upside risks to our target price include higher than expected order inflow, a pick-up in private-sector capex and faster execution.

Appendix A-1

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