

Thermax

Neutral

Estimate change TP change

Rating change



90

Bloomberg TMX IN Equity Shares (m) 113 M.Cap.(INRb)/(USDb) 89.5 / 1.1 52-Week Range (INR) 1180 / 644 1, 6, 12 Rel. Per (%) -9/-11/-18 12M Avg Val (INR M)

the Asiamoney Brokers Poll 2020 for India Research, Sales and Trading

team. We request your ballot.

Financials & Valuations (INR b)

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Y/E Mar	2020	2021E	2022E				
Sales	57.3	54.6	64.1				
EBITDA	4.1	3.4	5.4				
PAT	2.1	2.3	3.9				
EBITDA (%)	7.1	6.2	8.4				
EPS (INR)	18.9	20.9	34.4				
EPS Gr. (%)	-30.6	10.6	64.8				
BV/Sh. (INR)	268.9	280.4	304.6				
Ratios							
Net D/E	-0.1	-0.1	-0.2				
RoE (%)	7.0	7.4	11.3				
RoCE (%)	7.2	7.6	11.4				
Payout (%)	38.5	38.3	25.5				
Valuations							
P/E (x)	39.9	36.0	21.9				
P/BV (x)	2.8	2.7	2.5				
EV/EBITDA (x)	20.2	23.9	14.5				
Div Yield (%)	1.0	1.1	1.2				
FCF Yield (%)	5.6	3.0	4.4				
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Shareholding pattern (%)

As On	Mar-20	Dec-19	Mar-19
Promoter	62.0	62.0	62.0
DII	17.6	17.7	13.9
FII	13.3	13.1	17.4
Others	7.2	7.3	6.8

FII Includes depository receipts

CMP: INR751 TP: INR757 (+1%)

Superior working capital management; Outlook remains weak

- Thermax's (TMX) 4QFY20 operating performance was severely impacted by COVID-19 with revenue decline of 36% and corresponding EBITDA decline of 63%. In such tough times, TMX's superior working capital management stood out, resulting in FCF generation of INR4.8b (v/s -INR4.5b in FY19).
- Superior execution over the past 6-7 quarters led to depletion of the order book, especially in the current weak ordering environment. Thus, even without COVID-19, revenue growth momentum would have slowed down in FY21. Despite some green shoots from pharma and chemical industries, the overall order environment is likely to remain weak in FY21.
- We cut our FY21/FY22E EPS estimates by 28%/12% due to lower order inflow assumption. Maintain Neutral with TP of INR757 (prior: INR865) based on 22x Mar'22E EPS.

Operating performance weak, FCF generation surprises

- 4QFY20 revenues declined 36% to INR13.2b and were 23% below our expectation. On account of lower absorption of fixed costs like employee costs, EBITDA declined 63% to INR636m and missed our expectation by 53%. Adj. PAT declined 69% to INR390m and was 63% below our expectation.
- For FY20, revenue/EBITDA/adj. PAT declined 4%/11%/30%.
- Segment performance: (a) Energy revenue (78% of overall revenue) declined 39% YoY to INR10.5b. PBIT margin declined 490bp YoY to 3.1%. (b) Environmental revenue (15% of overall revenue) was down 26% YoY to INR2.0b. PBIT margin shrank 340bp YoY to 8.2%. (c) Chemical revenue (7% of overall revenue) declined 6% YoY to INR1.0b. PBIT margin expanded to 18.6% from 16.6% in the year-ago period. Margins in this segment have been expanding on account of greater proportion of specialty chemicals.
- Order inflow declined 18% YoY to INR9.5b for the quarter. Order book stood at INR52.4b (-2% YoY).

Management commentary highlights

- TMX is witnessing inquiries and order conversions in end markets like pharma, chemicals, refineries, food and food processing. However, large ticket-sized orders have been missing from cement or metal industries. Overall, FY21 will see decline in orders while FY22 may see some recovery.
- Labor availability is not an issue as reverse migration is already taking place. Also, TMX is considerate of laborers' requirements in terms of safety and early payments.
- Management expects Danstoker to achieve break-even in 1QFY21 itself. Europe has not witnessed as strict a lockdown as India.

Valuation and view

We cut our FY21/FY22E EPS estimates by 28%/12% on account of lower order inflow assumption. We estimate revenue/EBITDA/adj. PAT CAGR of 6%/15%/35% over FY20-22E, factoring in lower losses from Danstoker as well as the low base of FY20 as TMX saw disproportionate impact of COVID-19. Maintain Neutral with TP of INR757 (prior: INR865) (22x Mar'22E EPS).

Nilesh Bhaiya - Research Analyst (Nilesh.Bhaiya@MotilalOswal.com); +91 22 6129 1556

(INR M) **Thermax Consolidated** FY19 FY20 **FY19** FY20 **MOSL** Var. Y/E March **1Q** 2Q **3Q** 4Q **1Q** 2Q **3Q** 4Q 4QE Vs Est 13,230 14,276 14,366 14,101 59,732 57,313 17,117 -22.7% Sales 10,353 20,737 13,925 16,059 Change (%) 18.7 38.2 28.6 43.7 34.5 12.5 -1.8 -36.2 33.8 -4.0 -17.5 **EBITDA** 1,073 1,708 991 4,574 4,062 1,347 -52.8% 693 1,100 1,303 1,132 636 -21.1 Change (%) -3.9 15.6 12.4 23.6 42.9 18.4 5.5 -62.8 14.1 -11.2 As of % Sales 6.7 7.7 7.5 8.2 7.1 8.0 7.1 8.1 4.8 7.7 7.9 210 308 920 319 Depreciation 235 230 247 262 281 316 1,166 Interest 33 39 36 35 44 38 19 49 143 150 53 307 Other Income 310 356 313 520 216 220 258 1,499 1,000 328 Extra-ordinary Items 6 64 99 26 0 0 0 0 195 0 0 1,121 **PBT** 761 1,183 1,946 901 1,204 1,054 586 5,010 3,745 1,304 -55.1% Tax 498 699 1,940 280 463 273 947 205 196 1,621 226 Effective Tax Rate (%) 36.8 42.1 41.3 35.9 30.3 78.7 19.4 33.4 38.7 43.3 17.4 Share of Profit /Loss from JV/Minority 3 -3 -7 -4 0 0 0 0 (11) -11 **Reported PAT** 490 745 **750** 1,269 257 850 390 3,254 2,125 1,067 628 -63.4% 20.6 Change (%) 31.1 28.1 67.7 28.2 (69.2)40.8 (34.7)(15.9)(65.5)13.2 Adj PAT 2,125 -63.4% 483 682 651 1,243 628 257 850 390 3,059 1,067 19.0 Change (%) 19.9 11.2 64.2 29.8 30.4 (68.6)32.4 (30.6)(62.3)(14.2)

Exhibit 1: Segmental performance matrix

Revenues (INR m)	4QFY18	1QFY19	2QFY19	3QFY19	4QFY19	1QFY20	2QFY20	3QFY20	4QFY20
Energy	11,158	8,014	11,448	11,349	17,184	11,640	13,410	11,208	10,512
Environment	2,720	1,465	2,007	2,134	2,677	1,464	1,792	1,974	1,991
Chemicals	801	968	1,040	1,117	1,025	977	1,105	1,168	963
Total	14,430	10,353	14,276	14,366	20,737	13,925	16,059	14,101	13,230
YoY Growth (%)									
Energy	-8%	11%	46%	30%	54%	45%	17%	-1%	-39%
Environment	7%	52%	32%	23%	-2%	0%	-11%	-8%	-26%
Chemicals	-5%	18%	-4%	23%	28%	1%	6%	5%	-6%
EBIT (INR m)	Q4FY18	1QFY19	2QFY19	3QFY19	4QFY19	1QFY20	2QFY20	3QFY20	4QFY20
Energy	1,119	412	826	613	1,368	695	827	647	323
Environment	216	46	56	155	311	31	85	103	162
Chemicals	26	118	156	173	170	115	198	289	179
Total	1,592	794	1,222	1,157	1,981	944	1,243	1,074	635
EBIT Margin (%)									
Energy	10.0	5.1	7.2	5.4	8.0	6.0	6.2	5.8	3.1
Environment	7.9	3.1	2.8	7.2	11.6	2.1	4.7	5.2	8.2
Chemicals	3.2	12.2	15.0	15.4	16.6	11.7	17.9	24.7	18.6
Total	11.0	7.7	8.6	8.1	9.6	6.8	7.7	7.6	4.8

Source: MOFSL, Company

Consolidated order intake and order book down 2% YoY

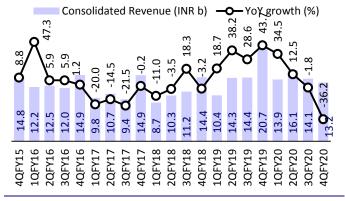
- Order inflow during the quarter was lower at INR9.5b (-18% YoY). For the full year, order inflow stood at INR55b (-2% YoY). In FY20, largest orders were from the Power sector (FGD orders) followed by Food and food processing, and Oil and Gas.
- **Segment-wise FY20 order inflow:** Energy INR32.8b, Environment INR17.8b, Chemical INR4.4b.
- Order book ending FY20 stood at INR52.4b (-2% YoY). Book to bill stood lower at 0.9x (v/s 1.3x in FY19).
- **Segment-wise FY20 order book:** Energy INR35.6b, Environment INR16b, Chemical INR800m.
- There have been no order cancellations as yet. 84% customers have informed their intention to go ahead with the projects awarded.
- Order book in FY21 will be lower YoY as orders from Steel, Cement and Fertilizer sectors is expected to remain muted.
- Food and food processing sector have started concluding orders. Since the projects are short cycle, TMX can book the order and execute in FY21.
- Orders inflows in FY21 are expected to be at similar levels of FY20. Apr-May'20 saw conclusions in orders though it was lower than expectations. Inquiries in Pharma, FMCG and Dairy sectors were converted into orders.

Other key highlights

- Subsidiary: (a) Danstoker was loss-making in FY20, against expectation of a turnaround. TMX has brought in a new management team. The company is closer to a break-even in 1QFY21, and will turn around fully in FY21. (b) South East Asia subsidiary losses have declined indicating that the company is moving in the right direction.
- **Supply chain:** Out of total INR35b procurement, INR1.6b is procured from China. 56% of vendors do not have difficulty with Working Capital or manpower. The company will support vendors by making advance payments.
- Chemical segment: With orders in hand, this segment is expected to grow in double-digit in FY21. Majority of the orders are from North America (specialty resin). FY22 will see a higher share of exports from the Dahej plant.
- API is a good opportunity for TMX with many players expanding plant capacity. Opportunities exist for Heating, Boiler and Waste-water treatment. TMX has already received inquiries with some orders in the closure stage. A normal API plant is a ~INR20-70m opportunity for TMX.
- The company will be incurring ~INR200-250m additional costs owing to additional safety norms, which are already in place. These costs will be accounted for in the future order bidding.
 - Investment: (a) Chemical plant: This plant is contributing higher to the business and paying back. Phase 2 expansion is on course (from 12,000MT to 22,000MT capacity). (b) Sri City plant: Despite closure of the Pune factory for chilling products, TMX's Sri City plant has completed supported the Chilling business. The company had a minor setback on profitability last year as shifting of suppliers took time. (c) Indonesia: Received some major orders in the last few months. These 3 investments have been done to ensure faster growth in the Product business and to de-risk the EPC and Boiler business.

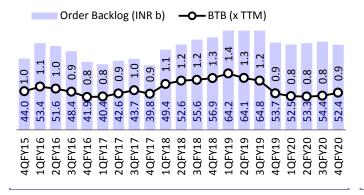
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Exhibit 2: Consol. revenue declined 36% YoY due to high base and lower execution



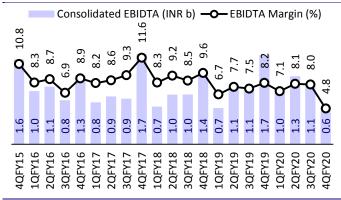
Source: MOFSL, Company

Exhibit 4: Consol. BTB ratio at 0.9x – remained below 1x since last 5 consecutive quarters



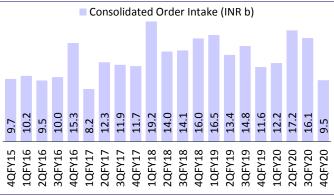
Source: MOFSL, Company

Exhibit 3: EBITDA margin declined to 4.8% due to lower operating leverage and higher fixed costs



Source: MOFSL, Company

Exhibit 5: Order inflows declined 18% YoY in 4QFY20 and decreased 2% YoY in FY20



Source: MOFSL, Company

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Valuation and view

■ Depleting order book to weigh on revenue growth: Over the past few quarters, TMX has demonstrated strong execution capability with robust revenue growth. However, the ordering environment may remain weak and the depleting order book may lead to a slowdown in revenue growth momentum. Current order backlog stands at INR52.4b (-2% YoY), providing revenue visibility of 0.9x its TTM revenue. We estimate revenue CAGR of 6% over FY20-22E.

- **Higher competitive intensity:** Higher competitive intensity limits the scope for margin expansion. Even for large FGD orders where technical expertise and execution capabilities required are high, competition is greater.
- Maintain Neutral: We cut our FY21/FY22E EPS estimates by 28%/12% on account of lower order inflow assumption. We estimate revenue/EBITDA/adj. PAT CAGR of 6%/15%/35% over FY20-22E, factoring in lower losses from Danstoker as well as low base of FY20 as TMX saw disproportionate impact of COVID-19. Maintain Neutral with TP of INR757 (prior: INR865) (22x Mar'22E EPS).

Exhibit 6: We cut FY21/FY22E EPS estimates by 28%/12% on account of lower order inflow assumption

Earnings Change	Old		New	ı	Change		
INR m	FY21E	FY22E	FY21E	FY22E	FY21E	FY22E	
Revenue	61,200	73,440	54,611	64,111	-11%	-13%	
EBITDA	4,712	6,242	3,377	5,375	-28%	-14%	
EBITDA margin	7.7%	8.5%	6.2%	8.4%	-2%	0%	
Adj. PAT	3,276	4,419	2,350	3,873	-28%	-12%	

Source: MOSL, Company

Financials and valuations

Income Statement						(INR M)
Y/E March	2017	2018	2019	2020	2021E	2022E
Total Revenues	44,831	44,649	59,732	57,313	54,611	64,111
Change (%)	-12.9	-0.4	33.8	-4.0	-4.7	17.4
Raw Materials	22,642	23,493	33,367	30,857	30,373	35,657
Staff Cost	6,864	6,966	7,675	7,990	7,755	8,014
Other Expenses	10,995	10,180	14,116	14,404	13,107	15,066
EBITDA	4,330	4,009	4,574	4,062	3,377	5,375
% of Total Revenues	9.7	9.0	7.7	7.1	6.2	8.4
Depreciation	819	824	920	1,166	1,248	1,306
Other income	1,141	1,164	1,499	1,000	1,159	1,255
Interest	97	129	143	150	148	148
PBT	4,554	4,220	5,010	3,745	3,140	5,175
Tax	1,560	1,658	1,940	1,621	790	1,303
Rate (%)	34.3	39.3	38.7	43.3	25.2	25.2
Adjusted PAT	2,340	2,311	3,059	2,125	2,350	3,873
EO Income (net)	-178	0	195	0	0	0
Reported PAT	2,161	2,311	3,254	2,125	2,350	3,873
Change (%)	-23.4	6.9	40.8	-34.7	10.6	64.8
Balance Sheet						(INR M)
Y/E March	2017	2018	2019	2020	2021E	2022E
Share Capital	225	225	225	225	225	225
Reserves	25,151	26,922	29,918	30,054	31,352	34,067
Net Worth	25,376	27,147	30,143	30,279	31,577	34,292
Loans	1,313	2,173	2,201	2,115	2,115	2,115
Deferred Tax Liability	-993	-917	-2,120	-1,510	-1,510	-1,510
Capital Employed	25,710	28,403	30,223	30,885	32,183	34,898
Gross Fixed Assets	15,183	17,413	21,725	20,913	21,913	22,913
Less: Depreciation	7,047	7,686	8,606	9,772	11,020	12,326
Net Fixed Assets	8,136	9,727	13,119	11,141	10,893	10,587
Capital WIP	1,385	1,034	401	553	553	553
Investments	10,830	14,717	8,293	8,752	8,752	8,752
Curr. Assets	29,101	32,891	43,967	37,560	39,100	46,507
Inventory	2,833	3,666	5,086	4,546	4,331	5,085
Debtors	11,178	12,992	14,385	14,785	15,710	17,565
Cash & Bank Balance	2,210	2,940	3,691	4,761	6,225	8,791
Loans & Advances	265	226	265	241	230	270
Other Assets	12,615	13,066	20,540	13,228	12,604	14,797
Current Liab. & Prov.	23,742	29,966	35,557	27,120	27,115	31,500
Current Liabilities	10,516	10,605	13,994	10,000	9,528	11,186
Other Liabilities	11,629	17,516	19,969	15,218	15,683	18,411
Provisions	1,596	1,845	1,593	1,903	1,903	1,903
Net Current Assets	5,359	2,925	8,410	10,440	11,985	15,007
Application of Funds	25,710	28,403	30,223	30,885	32,183	34,898

Financials and valuations

Ratios						
Y/E March	2017	2018	2019	2020	2021E	2022E
Basic (INR)						
Adj EPS	20.8	20.5	27.2	18.9	20.9	34.4
Cash EPS	28.1	27.8	35.3	29.2	32.0	46.0
Book Value	225.4	241.1	267.7	268.9	280.4	304.6
DPS	6.0	6.0	6.6	7.3	8.0	8.8
Payout (incl. Div. Tax.)	31.3	29.2	22.8	38.5	38.3	25.5
Valuation (x)						
P/E	36.2	36.6	27.7	39.9	36.0	21.9
Cash P/E	26.8	27.0	21.3	25.7	23.5	16.4
EV/EBITDA	19.3	20.9	18.2	20.2	23.9	14.5
EV/Sales	1.9	1.9	1.4	1.4	1.5	1.2
Price/Book Value	3.3	3.1	2.8	2.8	2.7	2.5
Dividend Yield (%)	0.8	0.8	0.9	1.0	1.1	1.2
Profitability Ratios (%)						
RoE	9.2	8.5	10.1	7.0	7.4	11.3
RoCE	11.9	9.3	10.4	7.2	7.6	11.4
RoIC	20.5	19.9	12.6	9.8	9.6	18.1
Turnover Ratios						
Debtors (Days)	91	106	88	94	105	100
Inventory (Days)	23	30	31	29	29	29
Creditors (Days)	86	87	86	64	64	64
Asset Turnover (x)	1.7	1.6	2.0	1.9	1.7	1.8
Leverage Ratio						
Net Debt/Equity (x)	0.0	0.0	0.0	-0.1	-0.1	-0.2
						(1010.00)
Cash Flow Statement	2047	2010	2010	2022	20205	(INR M)
Y/E March	2017	2018	2019	2020	2020E	2020E
PBT before EO Items	4,554	4,220	5,010	3,745	3,140	5,175
Depreciation	819	824	920	1,166	1,248	1,306
Interest & other	0	0	0	0	0	0
Direct Taxes Paid	1,560	1,658	1,940	1,621	790	1,303
(Inc)/Dec in WC	-663	3,164	-4,735	-959	-82	-455
CF from Operations	3,207	6,628	-1,752	2,942	3,516	4,723
(Inc)/Dec in FA	-1,000	-1,000	-2,759	1,827	-1,000	-1,000
Free Cash Flow	2,207	5,628	-4,512	4,769	2,516	3,723
(Pur)/Sale of Investments	-332	-3,887	6,424	-459	0	1.000
CF from Investments	-1,987	-5,139	3,654	1,368	-1,000	-1,000
(Inc)/Dec in Networth	0	0	0	0	0	0
(Inc)/Dec in Debt	-409	860	28	-85 1 166	0	0
Interest Paid	0 	700	0	1,166	1.052	1 157
Dividend Paid		790	869	956	1,052	1,157
CF from Fin. Activity	-1,356	320	-1,151	-3,240	-1,052	-1,157
Inc/Dec of Cash	-136	1,809	751	1,070	1,464	2,566
Add: Beginning Balance	2,976	2,210	2,940	3,691	4,761	6,225
Closing Balance	2,210	2,940	3,691	4,761	6,225	8,791

NOTES

Explanation of Investment Rating					
Investment Rating	Expected return (over 12-month)				
BUY	>=15%				
SELL	<-10%				
NEUTRAL	< - 10 % to 15%				
UNDER REVIEW	Rating may undergo a change				
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation				

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

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