

APL Apollo Tubes

BSE SENSEX S&P CNX 54,326 16,266



Stock Info

Bloomberg	APAT IN
Equity Shares (m)	250
M.Cap.(INRb)/(USDb)	229.8 / 3
52-Week Range (INR)	1114 / 614
1, 6, 12 Rel. Per (%)	-7/10/36
12M Avg Val (INR M)	531
Free float (%)	65.5

Financials Snapshot (INR b)

Tillaticials Shapshot (little b)						
Y/E MARCH	2022	2023E	2024E			
Sales	130.6	163.9	203.4			
EBITDA	9.5	11.3	14.8			
Adj. PAT	5.6	7.5	10.0			
EBITDA margin. %	7.2	6.9	7.3			
Cons. Adj. EPS.INR	20.2	27.3	36.2			
EPS Gr. (%)	54.7	35.3	32.4			
BV/Sh. (INR)	82.0	110.0	141.2			
Ratios						
Net D:E	0.1	0.0	-0.1			
RoE (%)	28.2	28.5	28.8			
RoCE (%)	25.8	24.4	26.1			
Payout (%)	17.3	14.6	13.8			
Valuations						
P/E (x)	45.5	33.6	25.4			
EV/EBITDA (x)	27.2	22.4	16.9			
Div. Yield (%)	0.4	0.4	0.5			
FCF Yield (%)	0.2	1.3	2.6			

Shareholding pattern (%)

As On	Mar-22	Dec-21	Mar-21
Promoter	34.5	34.5	37.0
DII	11.1	10.7	10.0
FII	23.3	24.6	24.2
Others	31.1	30.1	28.8

FII Includes depository receipts

Stock performance (one-year)



CMP: INR918 TP: INR1270 (+38%) Buy

Best placed to benefit from growth in the Structural Steel

Best placed to benefit from growth in the Structural Steel Tubes industry

We visited the site of the Guru Teg Bahadur (GTB) Hospital to observe the shifting trends in the Structural Tube industry, driven by the increasing acceptance of steel tubes and its growing consumption in Construction projects. The key drivers of APAT's performance include: a) growing demand across product segments, b) increased product penetration, with a robust distribution network, c) an increase in the share of VAP, driving margins, d) the introduction of Apollo Mart, and e) its market leadership position.

APAT continues to prove its market potential and dominance

- Construction at the GTB Hospital began in Jan'22 and is expected to be completed within 150-170 days (refer Exhibit 1). Planned capex for the project stands at INR2.8b and is spread over an area 56,000sq. m. for which 2,700-3,000t of steel tubes will be required. As per our channel checks, consumption will be in the 4.5-5kg per sq. ft. range.
- The Delhi government has awarded seven new hospital contracts in Aug'21 (~2.2m sq. ft.), which will be constructed using the precast building technique (refer Exhibit 5), for which 10,000-11,000t of steel tubes will be required. The assembly of these structures will take place on-site with zero welding, while the fabrication will take place at the workshop.
- APAT being a sole supplier of 100% structural steel tubes will be the key beneficiary. It currently dominates the domestic market with ~50% share. The cumulative market share of the next five domestic players stands at just 38%. It is best placed to benefit from the growing Structural Steel Tubes industry on the back of: i) industry-leading market share, ii) first mover advantage (installation of DFT at plant locations), and iii) strong brand name.

Structural shift towards heavy structural steel tubes

- Globally, consumption of heavy structural tubes is higher (30-40% of overall steel tubes consumption), whereas for APAT, the number is pegged ~6%. Going forward, with higher adoption of heavy structural tubes in Real Estate and Infrastructure projects, the share of structural tubes is expected to improve, leading to an improvement in EBITDA/MT and operating margin for companies.
- India's Structural Steel Tube industry is pegged at 4MMT, or ~4% of overall steel consumption as compared to the global average of ~9%. As per an IBEF report, overall steel consumption in India is expected to clock an 8% CAGR to 230MMT over CY19-30. With growing acceptance of structural tubes, its share (as a percentage of overall steel consumption) is expected to rise to ~10%, taking overall volumes of structural tubes to 22MMT (17% CAGR over CY19-30E).

Sumant Kumar - Research Analyst (Sumant.Kumar@motilaloswal.com)

India is currently witnessing growing acceptance of structural tubes in Construction projects due to a multitude of benefits. Structural tubes offer: i) a higher strength-to-weight ratio, ii) a faster completion time, iii) higher carpet areas, iv) 40-50% less dead weight, and v) higher recyclability etc. when compared to RCC structures.

Valuation and view

- The earnings momentum will continue with: a) growing demand across product segments, b) increased product penetration, with a robust distribution network, c) an increase in the share of VAP, driving margin, d) the introduction of Apollo Mart, and e) its market leadership position.
- Kicking-in of operating leverage and growing share of VAP is expected to lead to an improvement in margin and higher cash generation.
- We expect a revenue/EBITDA/PAT CAGR of 25%/25%/34% over FY22-24 and a strong cumulative CFO/FCF generation of INR17.7b/INR9.8b over FY23-24. APLL is expected to turn net cash positive by FY24. We value the stock at 35x FY24E EPS. Our TP of INR1,270 per share. We maintain our Buy rating.
- Key risks to our call: a) Fluctuations in steel prices to impact margin, b) Slower industry growth may lead to muted growth for the company, and c) Maintaining of lower WC can be at risk (around four days in FY22).



Exhibit 1: Construction work at GTB Hospital in full-swing

Source: MOFSL, Company

Exhibit 2: Construction work at GTB Hospital in full-swing



Source: MOFSL, Company

Exhibit 3: Construction work at GTB Hospital in full-swing



Source: MOFSL, Company

Exhibit 4: Construction work at GTB Hospital in full-swing



Source: MOFSL, Company

Exhibit 5: Hospital project details - Delhi

Total Build up Area	2,211,434	Sq ft
Steel Tube Consumption	4.5	kg/sqft
Steel Tube Quantity	10,000	Ton
Fabricators Capacity	480	Ton/Day
Steel Supply to 7 fabricator	480	. Ton/Day
Supply Completion	30	days
Dispatch Completion	4th-8th	Weeks
Erection Completion	5th-9th	Weeks

Source: MOFSL, Company

Exhibit 6: Architectural view of hospitals



Source: MOFSL, Company

Exhibit 7: Hospital work in full-swing - Delhi



Source: MOFSL, Company

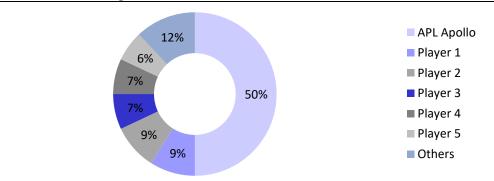
Exhibit 8: Process flow for constructing a tubular structure

Tubular Structure (Process flow)



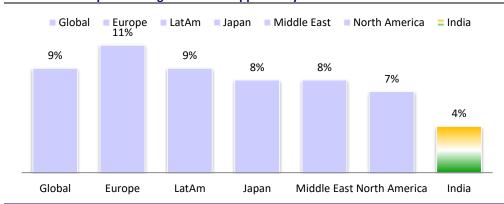
Source: MOFSL, Company

Exhibit 9: APLL's strong market dominance in FY21



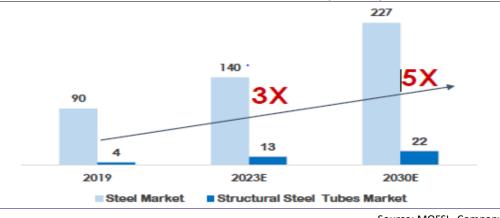
Source: MOFSL, Company

Exhibit 10: India presents a great market opportunity



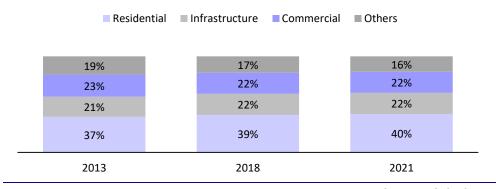
Source: MOFSL, Company

Exhibit 11: Potential Structural Steel Tubes Market in India (Mn Tons)



Source: MOFSL, Company

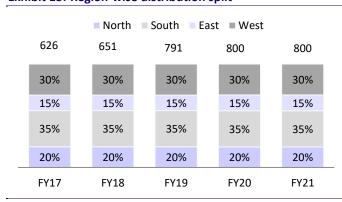
Exhibit 12: Residential steel tubes continue to contribute a fair share of the mix

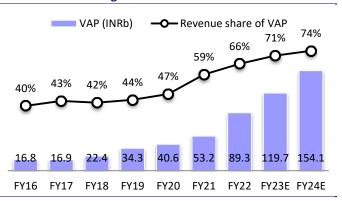


Source: MOFSL, Company

Exhibit 13: Region-wise distribution split

Exhibit 14: Increasing share of VAP mix

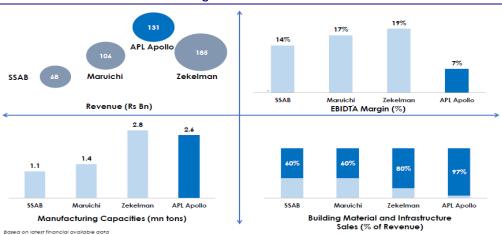




Source: MOFSL, Company

Source: MOFSL, Company

Exhibit 15: Global Peer Benchmarking



Source: MOFSL, Company

Financials and valuations

Consolidated Income Statement									(INR m)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Total Income from Operations	42,136	39,239	53,348	71,523	77,232	84,998	1,30,633	1,63,856	2,03,411
Change (%)	34.3	-6.9	36.0	34.1	8.0	10.1	53.7	25.4	24.1
RM Cost	35,546	32,324	45,483	63,077	65,786	71,648	1,12,231	1,41,736	1,75,950
Employees Cost	629	754	862	1,079	1,422	1,296	1,530	1,802	2,034
Other Expenses	3,145	2,832	3,292	3,439	5,252	5,266	7,419	8,971	10,675
Total Expenditure	39,319	35,909	49,637	67,595	72,459	78,210	1,21,181	1,52,509	1,88,659
As a percentage of Sales	93.3	91.5	93.0	94.5	93.8	92.0	92.8	93.1	92.7
EBITDA	2,817	3,330	3,710	3,928	4,773	6,787	9,453	11,347	14,752
Margin (%)	6.7	8.5	7.0	5.5	6.2	8.0	7.2	6.9	7.3
Depreciation	341	509	534	643	959	1,028	1,090	1,313	1,573
EBIT	2,476	2,821	3,176	3,286	3,814	5,759	8,363	10,034	13,179
Int. and Finance Charges	695	720	813	1,134	1,073	661	445	450	450
Other Income	103	60	80	117	222	359	405	492	610
PBT bef. EO Exp.	1,883	2,160	2,443	2,269	2,963	5,458	8,323	10,076	13,339
EO Items	-253	0	0	0	0	0	0	0	0
PBT after EO Exp.	1,630	2,160	2,443	2,269	2,963	5,458	8,323	10,076	13,339
Total Tax	624	639	862	787	403	1,381	2,133	2,535	3,356
Tax Rate (%)	38.3	29.6	35.3	34.7	13.6	25.3	25.6	25.2	25.2
Minority Interest	0	0	0	0	180	475	617	0	0
Reported PAT	1,006	1,521	1,581	1,482	2,380	3,602	5,573	7,541	9,983
Adjusted PAT	1,259	1,521	1,581	1,482	2,380	3,602	5,573	7,541	9,983
Change (%)	97.5	20.8	4.0	-6.2	60.5	51.3	54.7	35.3	32.4
Margin (%)	3.0	3.9	3.0	2.1	3.1	4.2	4.3	4.6	4.9
Consolidated Balance Sheet									(INR m)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Equity Share Capital	234	236	237	239	249	250	501	552	552
Total Reserves	5,441	6,798	8,141	9,402	13,313	16,697	22,139	29,804	38,407
Net Worth	5,676	7,034	8,379	9,641	13,562	16,947	22,640	30,356	38,959
Minority Interest	0	0	0	0	954	1,383	2,000	0	0
Total Loans	6,498	5,944	7,751	8,581	8,338	5,203	5,806	5,806	4,006
Deferred Tax Liabilities	859	813	994	1,200	1,012	1,112	1,187	1,187	1,187
Capital Employed	13,033	13,790	17,124	19,422	23,865	24,644	31,633	37,349	44,152
Gross Block	7,291	6,922	9,617	11,626	17,246	18,568	20,677	26,207	29,963
Less: Accum. Deprn.	1,058	454	988	1,548	2,507	3,535	4,625	5,938	7,510
Net Fixed Assets	6,233	6,468	8,628	10,078	14,738	15,033	16,053	20,269	22,452
Goodwill on Consolidation	429	230	230	230	1,375	1,375	1,375	2,796	2,796
Capital WIP	320	1,224	460	275	101	1,077	5,037	2,507	2,251
Total Investments	131	4	11	494	15	15	913	2,863	5,363
Current Investments	0	0	0	0	0	0	50	2,000	4,500
Curr. Assets, Loans, and Adv.	9,491	10,519	12,483	16,663	16,431	16,491	21,147	25,166	31,406
Inventory	5,944	4,696	5,915	7,835	7,842	7,599	8,472	10,864	13,439
Account Receivables	2,201	2,949	4,321	5,433	4,764	1,306	3,417	4,489	5,573
Cash and Bank Balance	14	16	68	478	456	3,579	3,764	3,259	4,258
Loans and Advances	1,333	2,859	2,179	2,917	3,370	4,006	5,494	6,554	8,136
Curr. Liability and Prov.	3,572	4,656	4,688	8,317	8,796	9,345	12,891	16,251	20,116
Account Payables	2,581	4,039	3,793	6,989	7,644	7,859	10,595	13,371	16,540
Other Current Liabilities	506	459	814	1,220	979	1,310	2,113	2,650	3,290
Provisions	484	157	81	108	173	177	184	231	286
Net Current Assets	5,920	5,864	7,795	8,346	7,636	7,145	8,256	8,914	11,290
Net Current Assets	3,320	5,00.	- ,	0,0 .0	-,	- ,	0,250	-,	,

Financials and valuations

Ratios									
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Basic (INR)			_						
EPS	4.6	5.5	5.7	5.4	8.6	13.0	20.2	27.3	36.2
Cash EPS	5.8	7.4	7.7	7.7	12.1	16.8	24.1	32.1	41.9
BV/Share	20.6	25.5	30.4	34.9	49.1	61.4	82.0	110.0	141.2
DPS	0.8	1.0	1.2	1.2	0.0	0.0	3.5	4.0	5.0
Payout (%)	28.0	22.5	25.3	27.7	0.0	0.0	17.3	14.6	13.8
Valuation (x)									
P/E	201.3	166.6	160.3	171.0	106.5	70.4	45.5	33.6	25.4
Cash P/E	158.4	124.8	119.8	119.3	75.9	54.7	38.0	28.6	21.9
P/BV	44.7	36.0	30.2	26.3	18.7	15.0	11.2	8.3	6.5
EV/Sales	6.2	6.6	4.9	3.7	3.4	3.0	2.0	1.6	1.2
EV/EBITDA	92.3	77.9	70.4	66.6	54.9	37.8	27.2	22.4	16.9
Dividend Yield (%)	0.1	0.1	0.1	0.1	0.0	0.0	0.4	0.4	0.5
FCF per share	0.9	11.6	3.5	4.8	-5.4	24.2	1.6	11.7	23.6
Return Ratios (%)									
RoE	23.7	23.9	20.5	16.5	20.5	23.6	28.2	28.5	28.8
RoCE	14.5	16.1	14.5	12.9	17.4	20.8	25.8	24.4	26.1
RoIC	13.6	15.8	14.1	12.4	15.9	19.9	29.7	29.7	32.3
Working Capital Ratios	20.0						25.7		02.0
Fixed Asset Turnover (x)	5.8	5.7	5.5	6.2	4.5	4.6	6.3	6.3	6.8
Asset Turnover (x)	3.2	2.8	3.1	3.7	3.2	3.4	4.1	4.4	4.6
Inventory (Days)	51	44	40	40	37	33	24	24	24
Debtor (Days)	19	27	30	28	23	6	10	10	10
Creditor (Days)	22	38	26	36	36	34	30	30	30
Leverage Ratio (x)									
Current Ratio	2.7	2.3	2.7	2.0	1.9	1.8	1.6	1.5	1.6
Interest Coverage Ratio	3.6	3.9	3.9	2.9	3.6	8.7	18.8	22.3	29.3
Net Debt/Equity ratio	1.1	0.8	0.9	0.8	0.6	0.1	0.1	0.0	-0.1
Consolidated Cash Flow Statement									(INR m)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
OP/(Loss) before Tax	1,630	2,160	2,443	2,269	2,963	5,458	8,323	10,076	13,339
Depreciation	341	509	534	0	959	1,028	1,090	1,313	1,573
Interest and Finance Charges	669	711	789	0	851	302	40	-42	-160
Direct Taxes Paid	-432	-629	-602	-673	-403	-1,381	-2,133	-2,535	-3,356
(Inc.)/Dec. in WC	-2,335	330	-2,342	287	725	3,577	-802	-1,164	-1,376
CF from Operations	-127	3,082	823	1,884	5,096	8,983	6,517	7,648	10,019
Others	240	72	91	1,693	0	0	0	0	0
CF from Operations incl. EO	113	3,154	914	3,576	5,096	8,983	6,517	7,648	10,019
(Inc.)/Dec. in FA	149	61	48	-2,261	-6,591	-2,298	-6,070	-4,421	-3,500
Free Cash Flow	261	3,215	961	1,316	-1,495	6,685	447	3,227	6,519
(Pur.)/Sale of Investments	-18	2	2	-390	479	0	-898	-1,950	-2,500
Others	-1,227	-1,761	-1,703	13	1,763	-4,171	1,666	492	610
CF from Investments	-1,096	-1,697	-1,654	-2,639	-4,349	-6,468	-5,301	-5,879	-5,390
Issue of Shares	0	106	100	56	10	1	251	1,280	0
Inc./(Dec.) in Debt	1,673	-554	1,807	830	-244	-3,135	603	0	-1,800
Interest Paid	-695	-725	-772	-1,014	-1,073	-661	-445	-450	-450
Dividend Paid	-141	-234	-283	-400	0	0	-966	-1,104	-1,380
Others	-28	-47	-59	0	538	4,403	-474	-2,000	0
CF from Fin. Activity	809	-1,454	792	- 528	- 768	609	-1,031	- 2,274	-3,630
Inc./Dec. in Cash	-175	2	52	410	-22	3,123	185	-506	1,000
Opening Balance	188	14	16	68	478	456	3,579	3,764	3,259
Closing Balance	13	16	68	478	456	3,579	3,764	3,259	4,258
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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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