

Polycab India

Estimate change	↔
TP change	↔
Rating change	↔

Bloomberg	POLYCAB IN
Equity Shares (m)	151
M.Cap.(INRb)/(USDb)	1388.2 / 14.4
52-Week Range (INR)	10129 / 6620
1, 6, 12 Rel. Per (%)	-4/36/37
12M Avg Val (INR M)	3043
Free float (%)	38.5

Financials & Valuations (INR b)

Y/E MARCH	FY26	FY27E	FY28E
Sales	288.8	357.2	427.6
EBITDA	39.9	49.5	60.5
Adj. PAT	26.6	32.5	39.9
EBITDA Margin (%)	13.8	13.9	14.2
Cons. Adj. EPS (INR)	177	216	265
EPS Gr. (%)	31.7	22.2	22.6
BV/Sh. (INR)	798	964	1,179

Ratios

Net D:E	(0.1)	(0.0)	(0.1)
RoE (%)	22.2	22.4	22.5
RoCE (%)	23.4	24.0	23.9
Payout (%)	26.6	23.1	18.9

Valuations

P/E (x)	52.1	42.6	34.8
P/BV (x)	11.6	9.6	7.8
EV/EBITDA (x)	34.6	27.9	22.7
Div Yield (%)	0.5	0.5	0.5
FCF Yield (%)	1.7	0.5	1.3

Shareholding Pattern (%)

As On	Mar-26	Dec-25	Mar-25
Promoter	61.5	61.5	63.0
DII	8.0	11.1	11.0
FII	18.2	14.8	11.1
Others	12.3	12.6	14.9

FII includes depository receipts

CMP: INR9,215 TP: INR11,900 (+29%) Buy

Strong domestic C&W; FMEG momentum continues

Wires outpace cables; price revision follows gradual volume recovery

- Polycab (POLYCAB)'s 1QFY27 revenue/EBITDA grew ~39%/32% YoY to INR82.1b/INR11.4b (~4%/7% beat). Cable & wire (C&W) revenue increased ~38% YoY to INR72.0b (in line), and FMEG revenue grew ~68% YoY to INR7.6b (~34% beat). OPM dipped 70bp YoY to ~14% due to a decline of 1.4pp in C&W margin to 13.3% (in line). Adj. PAT increased ~32% YoY to INR7.8b (~11% beat, aided by higher-than-estimated other income).
- Management indicated that C&W volumes grew in low-to-mid single digits on a high base of 1QFY26, with wires outpacing cables. The recent correction in copper and aluminum prices led to ~3-4% price revision in the first fortnight, which is expected to translate into volume gradually.
- POLYCAB remains optimistic on the demand outlook for the next 2-3 years, backed by strong underlying growth drivers. The FMEG business continued to outperform, led by broad-based growth across key categories. However, the solar business remained the primary growth driver, with revenue more than doubling YoY.
- We maintain our earnings estimates for FY27/FY28. The stock currently trades at 43x/35x FY27E/FY28E EPS. We value POLYCAB at 45x FY28E EPS to arrive at our TP of INR11,900. **Reiterate BUY.**

C&W margin down 1.4pp YoY to ~13%; FMEG margin up 5.9pp to ~8%

- Consolidated revenue/EBITDA/PAT stood at INR82.1b/INR11.4b/INR7.8b (+39%/+32%/+32% YoY and +4%/+7%/+11% vs. estimates). Gross margin contracted 3.0pp YoY to 23.8%. OPM dipped 70bp YoY to ~14%. Ad spend accounted for 0.4% of revenue vs. 0.3%/0.6% in 1QFY26/4QFY26.
- Segmental highlights: **C&W** revenue rose ~38% YoY to INR72.0b, EBIT grew ~25% YoY to INR9.6b, and EBIT margin declined 1.4pp YoY to ~13% (in line). **FMEG** revenue surged ~68% YoY to INR7.6b and EBIT jumped 6x YoY to INR606m (3x above our estimate). EBIT margin expanded 5.9pp to ~8%. **EPC and Others'** revenue increased ~8% YoY to INR2.6b, EBIT surged 2.2x YoY to INR277m, and EBIT margin expanded 5.4pp YoY to 10.6%.
- The balance sheet continues to remain strong with a net cash balance of INR39.9b (post-dividend payout of INR7.1b) vs. INR41.9b as of Mar'26.

Key highlights from the management commentary

- Export revenue declined ~13% YoY due to geopolitical disruptions. North America contributed ~45–50% of export revenue in Q1, followed by the Middle East (~20–24%) and Europe (~18–20%).
- Sequential margin improvement in the W&C business was aided by a favorable product mix and operational efficiencies, with the company reiterating its medium-term EBITDA margin guidance of 11–13%.
- It expects execution of the INR80b BharatNet project to accelerate, with the INR45b execution component spread over three years. The company expects INR8b–INR10b of BharatNet revenue to be recognized in FY27.

Sanjeev Kumar Singh - Research analyst (Sanjeev.Singh@MotilalOswal.com)

Research analyst - Mudit Agarwal (Mudit.Agarwal@MotilalOswal.com) | **Abhishek Sheth** (Abhishek.Sheth@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

Valuation and view

- POLYCAB's 1QFY27 performance was largely in line with our estimates. While the C&W volume growth was below estimates, its margin remained in line. The company surprised us with an exponential growth and margin improvement in the FMEG segment. The domestic demand momentum remains strong, led by power infra, real estate, and industrial segments. Going forward, we believe the export trajectory and commodity price movement remain the key monitorables.
- We estimate a CAGR of 22%/23%/22% in revenue/EBITDA/EPS over FY26-28. We estimate OPM to be at ~14% in FY27/FY28E (an improvement of 10bp/30bp over FY26). Cumulative OCF during FY27-28E is expected to be at INR51.2b vs. INR56.2b during FY25-26. We estimate a cumulative capex of INR26.0b over FY27-28 vs. INR24.5b over FY25-26. The company's net cash balance is estimated to increase to INR50.0b in FY28 vs. INR41.5b in FY26. We value POLYCAB on 45x FY28E EPS to arrive at a TP of INR11,950. **Reiterate BUY.**

Quarterly performance

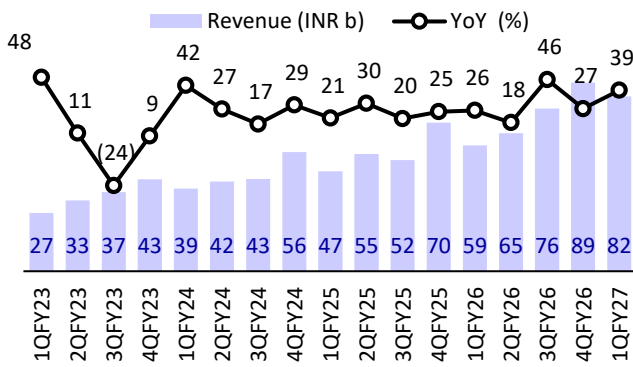
Y/E March	FY26				FY27E				FY26	FY27E	MOFSL	INR m
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	Var.
Sales	59,060	64,772	76,361	88,645	82,097	79,726	93,581	1,01,803	2,88,838	3,57,207	79,160	4%
Change (%)	25.7	17.8	46.1	26.9	39.0	23.1	22.5	14.8	28.9	23.7	34.0	
EBITDA	8,576	9,877	9,861	11,613	11,361	10,444	13,317	14,398	39,928	49,520	10,607	7%
Change (%)	47.0	56.4	37.0	13.3	32.5	5.7	35.0	24.0	34.9	24.0	23.7	
EBITDA Margin (%)	14.5	15.2	12.9	13.1	13.8	13.1	14.2	14.1	13.8	13.9	13.4	44
Depreciation	857	968	1,056	978	1,029	1,090	1,250	1,355	3,859	4,724	980	5%
Interest	513	484	687	746	800	850	860	926	2,430	3,437	800	0%
Other Income	799	454	505	604	1,049	500	530	602	2,363	2,681	750	40%
Share of JV's Loss	-	-	-	-	-	-	-	-	-	-	-	
PBT	8,006	8,880	8,623	10,493	10,582	9,004	11,737	12,719	36,001	44,041	9,577	10%
Tax	2,009	2,280	2,120	2,637	2,616	2,260	2,946	3,245	9,046	11,067	2,404	
Effective Tax Rate (%)	25.1	25.7	24.6	25.1	24.7	25.1	25.1	25.5	25.1	25.1	25.1	
MI	76	75	85	128	123	85	110	119	364	437	80	
Exceptional	-	330	(201)	-	-	-	-	-	129	0	-	
Reported PAT	5,921	6,855	6,217	7,728	7,843	6,659	8,681	9,355	26,720	32,538	7,093	11%
Change (%)	49.5	55.9	35.9	6.3	32.5	-2.9	39.6	21.1	32.3	21.8	19.8	
Adj. PAT	5,921	6,609	6,366	7,728	7,843	6,659	8,681	9,355	26,624	32,538	7,093	11%
Change (%)	49.5	50.3	39.1	6.3	32.5	0.8	36.4	21.1	31.8	22.2	19.8	

Segmental performance

Y/E March	FY26				FY27E				FY26	FY27E	MOFSL	INR m
	1Q	2Q	3Q	4Q	1QE	2QE	3QE	4QE			1QE	Var.
Sales												
Cable and Wires	52,286	56,911	68,526	77,620	72,018	71,139	84,287	89,182	2,55,344	3,16,627	70,587	2%
ECDs	4,542	4,522	4,998	6,631	7,612	5,110	5,997	6,941	20,693	25,660	5,678	34%
Others (incl. EPC)	2,417	3,357	2,836	4,500	2,612	3,477	3,296	5,535	13,110	14,920	2,895	-10%
EBIT												
Cable and Wires	7,683	8,593	8,326	10,180	9,594	8,892	11,547	12,711	34,781	42,745	9,388	2%
ECDs	95	22	139	292	606	102	180	343	548	1,232	199	205%
Others (incl. EPC)	127	313	139	269	277	321	290	238	848	1,126	160	74%
EBIT Margin (%)												
Cable and Wires	14.7	15.1	12.2	13.1	13.3	12.5	13.7	14.3	13.6	13.5	13.3	2
ECDs	2.1	0.5	2.8	4.4	8.0	2.0	3.0	4.9	2.7	4.8	3.5	447
Others (incl. EPC)	5.3	9.3	4.9	6.0	10.6	9.2	8.8	4.3	6.5	7.5	5.5	510

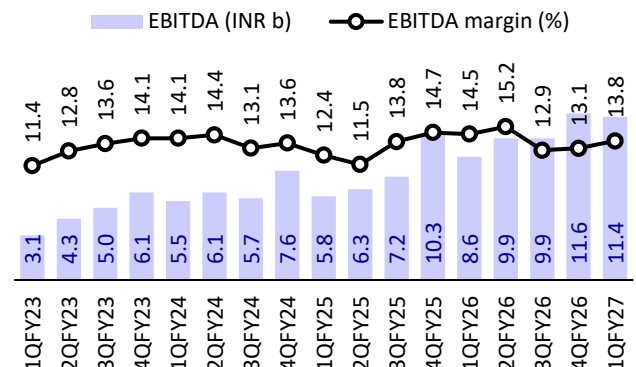
Story in charts

Exhibit 1: Total revenue grew 39% YoY in 1QFY27



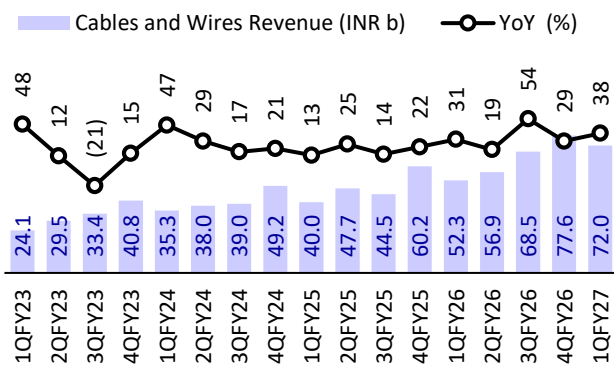
Source: MOFSL, Company

Exhibit 2: EBITDA rose 32%, while OPM contracted 70bp YoY



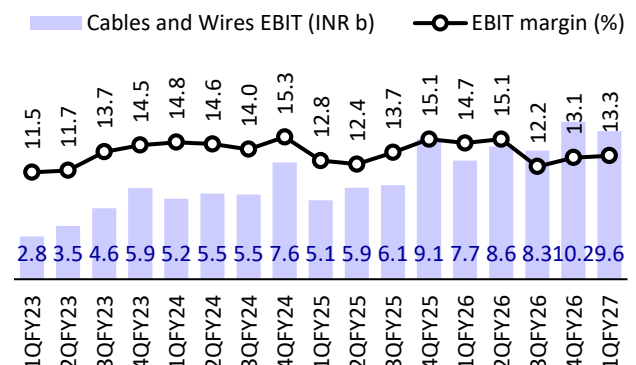
Source: MOFSL, Company

Exhibit 3: C&W revenue grew 38% YoY



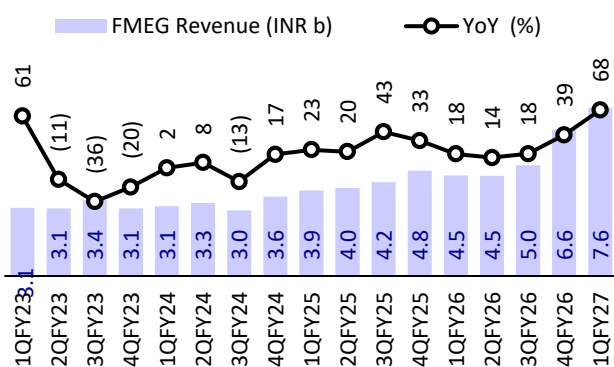
Source: MOFSL, Company

Exhibit 4: C&W EBIT margin dipped 1.4pp YoY to 13.3%



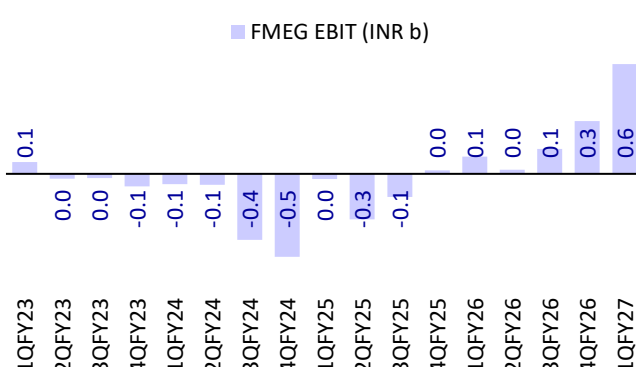
Source: MOFSL, Company

Exhibit 5: FMEG revenue rose ~68% YoY

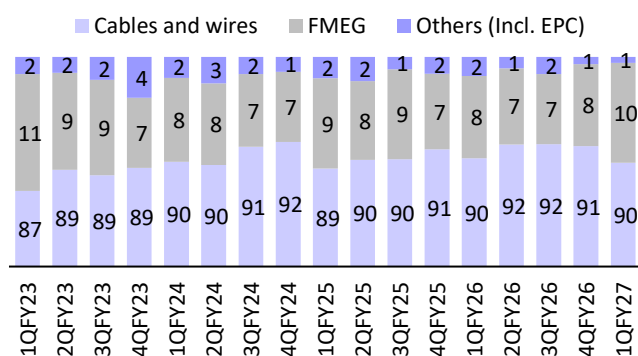


Source: MOFSL, Company

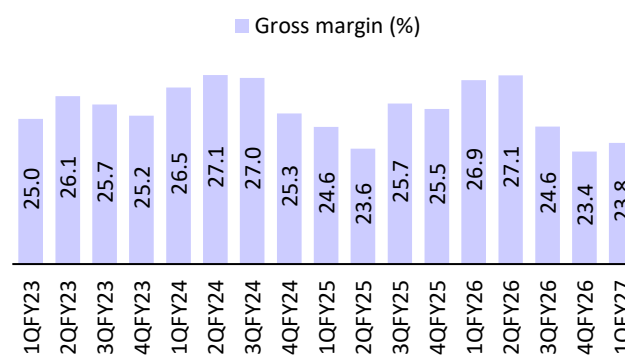
Exhibit 6: FMEG profitability improved



Source: MOFSL, Company

Exhibit 7: Revenue contribution from different segments


Source: MOFSL, Company

Exhibit 8: Gross margin contracted 2.1pp YoY


Source: MOFSL, Company



Key highlights from the management commentary

C&W segment

- The Wires & Cables (W&C) segment reported ~39% YoY revenue growth, with the domestic W&C business growing ~43% YoY.
- Volume growth was in the low-to-mid single digits, reflecting a high base from Q1FY26. Within the portfolio, wires outperformed cables (last year, cables had grown faster), while channel sales grew faster than institutional sales, underscoring the strength of the distribution network.
- Regionally, the western market remained the strongest contributor, followed by the north, south, and east.
- Export business was temporarily impacted by geopolitical disruptions in the Middle East; however, momentum has started improving with a healthy order book across North America, Europe, and Latin America. North America contributed ~45–50% of export revenue in Q1, followed by the Middle East (~20–24%) and Europe (~18–20%). The company also expanded its global footprint into 10 new geographies last year, which should support export growth going forward.
- It remains constructive on the domestic demand environment, supported by multiple structural growth drivers. Strong investments in renewable energy (50–60GW annual additions), accelerated transmission & distribution (T&D) expansion, private sector capex, railways, logistics, manufacturing, semiconductors, and metals are expected to sustain robust demand for cables and wires. Additional opportunities from data centers, defense and EV charging infrastructure are yet to be fully reflected and could create another leg of growth. The company expects the favorable demand environment to persist over the next 2–3 years.
- Data Centre Opportunity: India's installed data center capacity is expected to increase from ~1.6GW currently to 16–18GW over the next 5–8 years. The 1MW of data center capacity creates a cable demand of INR350m, with ~50–60% conventional cables and the balance optical fiber, implying a potential INR200b–250b market over the medium term.
- The transmission & distribution (T&D) opportunity will substantially go to 20k–21k circuit km annually over FY26–30 from 15K km annually over FY20–25. FY27 set target of ~17k circuit km (with ~2k circuit km already done in the first 2months).

- Sequential margin improvement in the W&C business was aided by a favorable product mix and operational efficiencies, with the company reiterating its medium-term EBITDA margin guidance of 11–13%.
- Copper and aluminum prices saw a correction during Jun-Jul'26, impacting channel stocking behavior. It has taken ~3–4% correction in commodity prices during the first fortnight, which it expects to translate into the volume gradually.

FMEG segment

- Continued its strong momentum, recording ~68% YoY growth. The solar business remained the key growth driver, delivering more than two-fold YoY growth, supported by structural tailwinds such as the PM Surya Ghar Yojana, state-level incentives and rising adoption of rooftop solar solutions.
- Other categories, including fans, lighting, switches, switchgear, conduits, pipes and fittings, also reported healthy growth, benefiting from sustained demand in the real estate and construction sectors along with continued investments in product expansion and market development.
- The FMEG business further improved its profitability, reporting an EBITDA margin of 8%, in line with its Project Spring roadmap and on track to achieve its 8–10% margin target by FY30. The continued improvement in profitability was led by operating leverage and a richer premium product mix.
- Premium products accounted for ~25% of the overall FMEG portfolio during the quarter, increasing to ~33% in fans and ~38% in lighting, supporting both revenue growth and margin expansion.
- The company also highlighted its category-specific regional strategy, cross-selling initiatives, and strong on-ground execution as key drivers of market share gains.

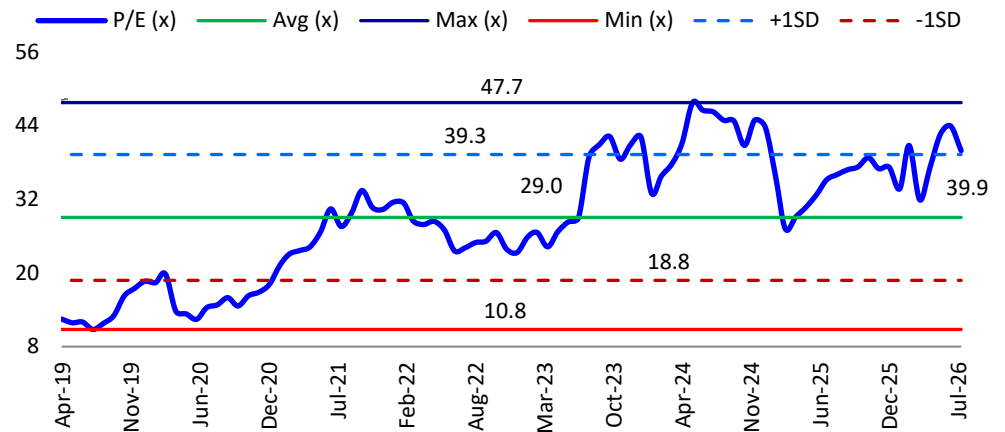
EPC segment

- It highlighted that it has already secured optical fiber requirements for the execution period of the BharatNet project, insulating it from the recent rise in fiber prices.
- EPC margins are expected to remain in the high single-digit range over the long term despite reporting 11% margins in Q1.
- It expects execution of the INR80b BharatNet project to accelerate, with the INR45b execution component spread over three years. It expects INR8b–INR10b of BharatNet revenue to be recognized during FY27. Including BharatNet and DSS projects, the EPC order book currently stands at INR109b, providing strong revenue visibility over the medium term.
- Quarterly EPC revenue can remain volatile due to milestone-based revenue recognition, and management advised evaluating the business on an annual rather than quarterly basis.

Capex and working capital

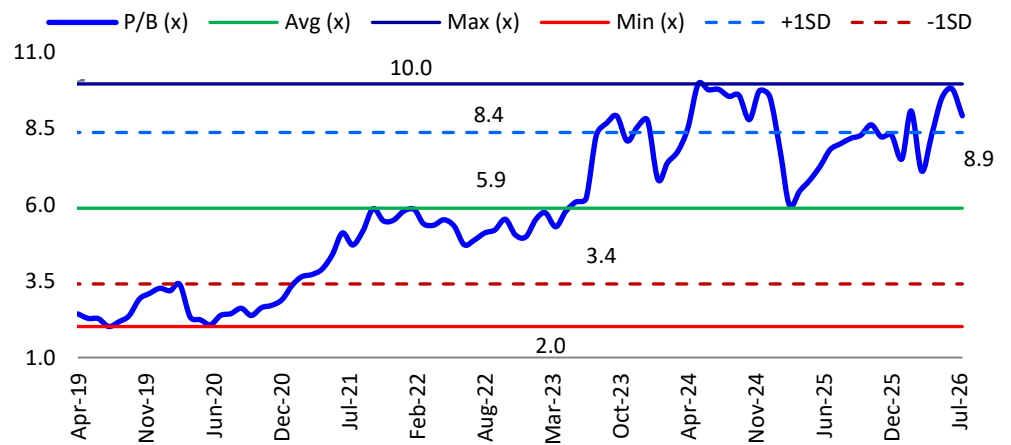
- During the quarter, capital expenditure stood at INR3.2b.
- Working capital days improved significantly to 15 days, aided by a temporary increase in payable days due to the use of a letter of credit for raw material procurement. However, it expects the cycle to normalize to its long-term range of 45–50 days.

Exhibit 9: One-year forward P/E chart



Source: MOFSL, Company

Exhibit 10: One-year forward P/B chart



Source: MOFSL, Company

Financials and valuations (Consolidated)

Income Statement							(INR M)	
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Net Sales	88,585	1,22,398	1,41,078	1,80,394	2,24,083	2,88,838	3,57,207	4,27,643
Change (%)	0.3	38.2	15.3	27.9	24.2	28.9	23.7	19.7
Raw Materials	65,171	94,657	1,05,109	1,32,803	1,68,300	2,15,816	2,67,905	3,18,594
Staff Cost	3,537	4,066	4,568	6,095	7,367	8,594	10,312	12,169
Other Expenses	8,102	10,663	12,880	16,578	18,813	24,500	29,470	36,350
EBITDA	11,774	13,012	18,521	24,918	29,602	39,928	49,520	60,531
% of Net Sales	13.3	10.6	13.1	13.8	13.2	13.8	13.9	14.2
Depreciation	1,762	2,015	2,092	2,450	2,981	3,859	4,724	5,692
Interest	427	352	598	1,083	1,689	2,430	3,437	3,904
Other Income	1,193	899	1,333	2,209	2,076	2,363	2,681	3,043
Profit of Share of Associates/JVs	6	(26)	(93)	-	-	-	-	-
PBT	10,784	11,519	17,073	23,593	27,008	36,001	44,041	53,978
Tax	2,703	2,706	4,242	5,564	6,553	9,046	11,067	13,564
Rate (%)	25.1	23.5	24.8	23.6	24.3	25.1	25.1	25.1
MI	38	87	123	189	255	364	437	524
Extraordinary Inc. (net)	(1,000)	-	-	-	-	(129)	-	-
Reported PAT	7,042	8,725	12,708	17,841	20,200	26,720	32,538	39,890
Change (%)	(7.2)	23.9	45.6	40.4	13.2	32.3	21.8	22.6
Adjusted PAT	8,042	8,725	12,708	17,841	20,200	26,624	32,538	39,890
Change (%)	5.9	8.5	45.6	40.4	13.2	31.8	22.2	22.6

Balance Sheet							(INR M)	
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Share Capital	1,491	1,494	1,498	1,502	1,504	1,506	1,506	1,506
Reserves	46,048	53,943	64,874	80,369	96,746	1,18,580	1,43,590	1,75,953
Net Worth	47,539	55,437	66,372	81,871	98,250	1,20,086	1,45,096	1,77,459
Loans	2,487	831	730	898	1,090	1,325	1,225	1,125
Deferred Tax Liability	418	272	409	415	785	408	408	408
Minority Interest	188	251	374	562	818	1,182	1,619	2,143
Capital Employed	50,633	56,791	67,885	83,746	1,00,943	1,23,001	1,48,347	1,81,134
Gross Fixed Assets	26,989	27,059	33,069	37,462	47,153	58,208	71,208	84,208
Less: Depreciation	8,293	10,308	12,400	14,850	17,831	21,690	26,413	32,105
Net Fixed Assets	18,696	16,751	20,669	22,612	29,321	36,518	44,794	52,102
Capital WIP	991	3,755	2,508	6,547	7,872	12,276	12,276	12,276
Investments	6,349	7,733	13,505	18,224	17,490	34,048	34,048	34,048
Current Assets	44,111	45,880	57,559	73,276	82,804	1,21,804	1,46,813	1,78,241
Inventory	19,879	21,996	29,514	36,751	36,613	55,596	68,756	76,156
Debtors	15,641	13,763	12,992	21,662	28,957	42,063	52,019	62,277
Cash & Bank Balance	5,313	4,071	6,952	4,024	7,706	8,825	7,091	17,125
Loans & Advances	123	127	103	106	111	112	139	166
Other Current Assets	3,155	5,922	7,997	10,733	9,416	15,208	18,808	22,517
Current Liab. & Prov.	19,514	17,328	26,356	36,914	36,544	81,645	89,584	95,533
Creditors	13,480	12,175	20,326	28,633	27,358	60,644	63,612	64,439
Other Liabilities	5,547	4,634	5,312	7,365	8,145	19,095	23,615	28,271
Provisions	487	518	717	916	1,042	1,906	2,357	2,822
Net Current Assets	24,597	28,552	31,203	36,362	46,259	40,159	57,229	82,708
Application of Funds	50,633	56,791	67,885	83,746	1,00,943	1,23,001	1,48,347	1,81,134

Financials and valuations (Consolidated)

Ratios

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Basic (INR)								
Adjusted EPS	53.9	58.4	84.9	118.8	134.3	176.8	216.1	265.0
Growth (%)	5.8	8.3	45.3	40.0	13.1	31.7	22.2	22.6
Cash EPS	65.7	71.9	98.8	135.1	154.1	202.5	247.5	302.8
Book Value	318.8	371.0	443.2	545.0	653.1	797.6	963.8	1,178.7
DPS	10.0	14.0	20.0	30.0	35.0	47.0	50.0	50.0
Payout (incl. Div. Tax.)	18.5	24.0	23.6	25.3	26.1	26.6	23.1	18.9
Valuation (x)								
P/Sales	15.5	11.3	9.8	7.7	6.2	4.8	3.9	3.2
P/E	170.9	157.8	108.6	77.6	68.6	52.1	42.6	34.8
Cash P/E	140.2	128.2	93.3	68.2	59.8	45.5	37.2	30.4
EV/EBITDA	116.5	105.6	74.2	55.4	46.6	34.6	27.9	22.7
EV/Sales	15.5	11.2	9.7	7.7	6.2	4.8	3.9	3.2
Price/Book Value	28.9	24.8	20.8	16.9	14.1	11.6	9.6	7.8
Dividend Yield (%)	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5
Profitability Ratios (%)								
RoE	16.9	15.7	19.1	21.8	20.6	22.2	22.4	22.5
RoCE	16.6	16.0	19.7	22.5	21.5	23.4	24.0	23.9
RoIC	19.3	18.7	26.0	27.9	26.6	33.7	31.3	31.6
Turnover Ratios								
Debtors (Days)	64	41	34	44	47	53	53	53
Inventory (Days)	82	66	76	74	60	70	70	65
Creditors. (Days)	56	36	53	58	45	77	65	55
Asset Turnover (x)	1.7	2.2	2.1	2.2	2.2	2.3	2.4	2.4
Leverage Ratio								
Debt/Equity (x)	(0.1)	(0.1)	(0.1)	(0.0)	(0.1)	(0.1)	(0.0)	(0.1)

Cash Flow Statement

(INR M)

Y/E March	FY21	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
PBT Before EO Items	10,122	11,519	17,073	23,593	27,008	36,001	44,041	53,978
Add: Depreciation	1,866	2,088	2,092	2,450	2,981	3,859	4,724	5,692
Interest	531	352	598	1,083	1,689	2,430	3,437	3,904
Less: Direct Taxes Paid	2,409	3,340	3,704	5,743	6,331	8,830	11,067	13,564
(Inc)/Dec in WC	(2,600)	4,974	1,058	8,090	6,099	(6,050)	18,804	15,445
Others	(325)	(529)	(725)	(331)	(1,162)	(1,404)	(2,681)	(3,043)
CF from Operations	12,385	5,116	14,275	12,962	18,085	38,107	19,649	31,522
(Inc)/Dec in FA	(1,935)	(5,267)	(4,795)	(8,585)	(9,697)	(14,805)	(13,000)	(13,000)
Free Cash Flow	10,450	(151)	9,481	4,377	8,388	23,302	6,649	18,522
(Pur)/Sale of Investments	(5,664)	997	(7,232)	1,066	(2,696)	(13,692)	2,681	3,043
Others								
CF from Investments	(7,599)	(4,270)	(12,026)	(7,519)	(12,393)	(28,497)	(10,319)	(9,957)
(Inc)/Dec in Net Worth	-	-	-	-	-	-	-	-
(Inc)/Dec in Debt	(1,217)	(168)	332	194	498	124	(100)	(100)
Less: Interest Paid	463	309	476	1,017	1,685	2,368	3,437	3,904
Dividend Paid	-	1,492	2,094	2,997	4,511	5,473	7,528	7,528
Others	(68)	(38)	(32)	(54)	(585)	(274)	-	-
CF from Fin. Activity	(1,748)	(2,007)	(2,271)	(3,874)	(6,283)	(7,990)	(11,064)	(11,532)
Inc/Dec of Cash	3,038	(1,160)	(22)	1,570	(591)	1,619	(1,733)	10,034
Add: Beginning Balance	4,658	5,231	6,974	2,454	8,297	7,206	8,825	7,091
Closing Balance	7,696	4,071	6,952	4,024	7,706	8,825	7,091	17,125

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	$\geq 15\%$
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 be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412 and BSE enlistment no. 5028. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products and is a member of Association of Portfolio Managers in India (APMI) for distribution of PMS products. Details of associate entities of Motilal Oswal Financial Services Ltd. are available on the website at <http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.pdf>

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx>. As per Regulatory requirements, Research Audit Report is uploaded on www.motilaloswal.com > MOFSL-Important Links > MOFSL Research Analyst Compliance Audit Report.

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts"), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement. The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL.

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies). MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.
Nature of Financial interest is holding equity shares or derivatives of the subject company
- Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.
MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.
MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies).
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months.
- MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months.
- MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
- MOFSL has not engaged in market making activity for the subject company.

The associates of MOFSL may have:

- financial interest in the subject company
 - actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
 - received compensation/other benefits from the subject company in the past 12 months
 - any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
 - acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
 - be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
 - received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.
 - Served subject company as its clients during twelve months preceding the date of distribution of the research report.
- The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report
- Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. 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. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. 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. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees 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 that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company 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. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, 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. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI, enlistment as RA with Exchange and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com
Mr. Neeraj Agarwal	022 40548085	na@motilaloswal.com
Mr. Siddhartha Khemka	022 50362452	po.research@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412, BSE enlistment no. 5028, AMFI registered Mutual Fund Distributor and SIF Distributor: ARN : 146822. IRDA Corporate Agent – CA0579, APMI: APRN00233. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.