

Britannia Industries

Estimate change	↔
TP change	↑
Rating change	↔

Bloomberg	BRIT IN
Equity Shares (m)	241
M.Cap.(INRb)/(USDb)	1350.9 / 15.8
52-Week Range (INR)	6473 / 4506
1, 6, 12 Rel. Per (%)	-4/7/-2
12M Avg Val (INR M)	2062

Financials & Valuations (INR b)

Y/E March	2025	2026E	2027E
Sales	179.4	195.9	214.3
Sales Gr. (%)	7.0	9.2	9.4
EBITDA	31.9	35.3	39.3
EBITDA mrg. (%)	17.8	18.0	18.3
Adj. PAT	22.1	24.8	28.0
Adj. EPS (INR)	91.9	102.8	116.3
EPS Gr. (%)	3.6	11.9	13.1
BV/Sh.(INR)	180.8	206.2	243.1

Ratios

RoE (%)	53.4	53.1	51.8
RoCE (%)	37.0	40.6	41.2
Payout (%)	81.6	74.9	67.9

Valuation

P/E (x)	61.0	54.5	48.2
P/BV (x)	31.0	27.2	23.1
EV/EBITDA (x)	41.8	37.6	33.5
Div. Yield (%)	1.3	1.4	1.4

Shareholding Pattern (%)

As On	Mar-25	Dec-24	Mar-24
Promoter	50.6	50.6	50.6
DII	18.3	17.6	15.8
FII	15.7	16.5	18.2
Others	15.5	15.4	15.5

FII includes depository receipts

CMP: INR5,609

TP: INR5,850 (+4%)

Neutral

Margins pressure persists, offset by cost efficiencies

- Britannia Industries (BRIT) posted total consolidated revenue growth of 9% YoY in 4QFY25 (in line) and volume growth of ~3% (est. 4.5%).
- GM contracted 480bp YoY to 40.1%, impacted by rising commodity prices, mainly palm oil (+54% YoY), Cocoa (+83% YoY) and Milk (+21% YoY). Employee expenses rose 1.5% YoY, while other expenses declined 11% YoY. The strategic price hikes by BRIT and cost efficiency initiatives (~2.5% in FY25) supported margins.
- EBITDA margin contracted 120bp YoY to 18.2%, EBITDA grew 2% YoY to INR8b. Management highlighted that EBITDA margin will be maintained at 17-18%. We model EBITDA margin of 18% in FY26E and 18.3% in FY27E.
- BRIT's focus on innovation, distribution expansion, marketing, pricing actions, RTM 2.0 and dairy capacity expansion will drive growth. However, we await a stable demand recovery in core categories amid high macro inflation and price hikes while closely monitoring margins. **We reiterate our Neutral rating with a TP of INR5,800 (premised on 50x FY27E EPS).**

In-line performance; volume growth at ~3%

- **Volume growth at ~3%:** BRIT's consolidated net sales (excluding other operating income) rose 9% YoY to INR43.7b (est. INR42.5b) in 4Q. Other operating income grew 2% YoY to INR0.57b. Consolidated total revenue rose 9% YoY to INR44.3b (est. INR43.6b). The company delivered ~3% volume growth in 4Q (est. 4.5%, 6.5% in 3QFY25).
- **Commodity pressure on margin:** Consolidated gross margin contracted by 480bp YoY to 40.1% (in line) due to a rise in commodity prices. Employee expenses rose 1.5% YoY, while other expenses declined 11% YoY, leading to a 120bp YoY contraction in EBITDA margin to 18.2% (in line).
- **Low-single-digit growth in profitability:** EBITDA grew 2% YoY to INR8b (est. INR7.8b). APAT was up 4% YoY at INR5.6b (est. INR5.4b).
- In FY25, net sales grew 7% YoY, EBITDA was flat YoY and APAT rose 3% YoY.

Highlights from the management commentary

- Improving macro trends indicate gradual consumption recovery in FY26.
- Competition from D2C players is not a matter of concern for BRIT. However, with modern trade (MT) and quick commerce (QC) growing, BRIT will remain watchful of any developments in D2C space.
- BRIT has continued to leverage its e-com channel. In FY25, e-com revenue grew 7.4x compared to other channels. BRIT also launched e-com-only products. E-com and QC account for ~4% of BRIT sales and they are growing fast, though the overall salience is relatively low.
- In terms of new launches, BRIT focuses on the premium side. The overall premium portfolio continues to do well for BRIT.
- Cake, rusk, dairy and bread are ~INR8b each, while newer categories launched in the last 4-5 years such as croissants, milkshakes, and wafers are in the range of INR1-2.5b. The split between old and new categories is ~75:25.
- Wheat and oil are ~30% each and sugar is ~20% of total RM basket for FY25.
- Management highlighted that EBITDA margin will be maintained at 17-18%.

Naveen Trivedi – Research Analyst (Naveen.Trivedi@motilaloswal.com)

Research Analyst: Amey Tiwari (Amey.Tiwari@MotilalOswal.com) | **Tanu Jindal** (Tanu.Jindal@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

- We largely maintain our EPS estimates for FY26/FY27.
- BRIT focuses on expanding its distribution, primarily in rural areas, innovating products, and scaling up in related categories.
- While BRIT wants to focus on sustaining margins, volatile commodity prices and competitive intensity at both regional and national levels could weigh on BRIT's margins. The margin is likely to remain volatile in the near term. We model EBITDA margin of 18% in FY26E and 18.3% in FY27E.
- We believe urban demand will recover gradually and growth in packaged food categories will also improve. With pricing action initiated, we expect revenue growth to remain healthy, along with a gradual recovery in gross margin. **We reiterate our Neutral rating with a TP of INR5,850 (premised on 50x FY27E EPS).**

Consol. Quarterly Performance

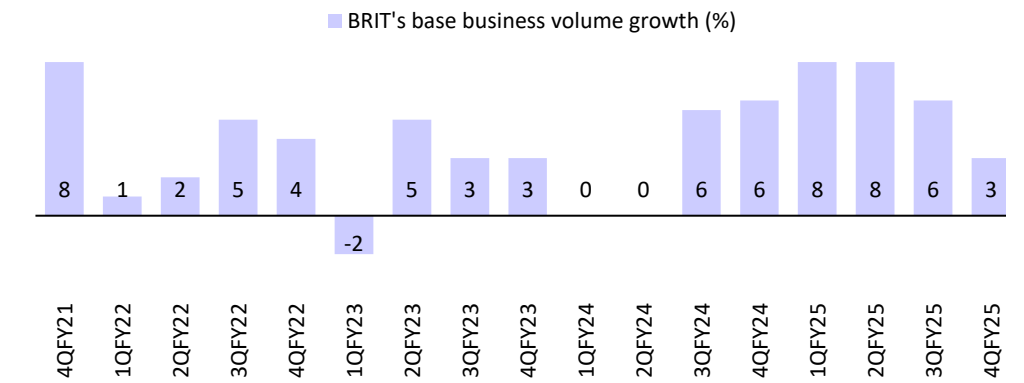
(INR m)

Y/E March	FY24				FY25E				FY24	FY25	FY25	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			4QE	(%)
Base business volume growth (%)	0.0	0.0	5.5	6.0	8.0	8.0	6.0	~3.0	2.9	6.3	4.5	
Net Revenue	39,698	43,705	41,918	40,141	41,299	45,662	44,633	43,756	1,65,462	1,75,350	42,514	2.9
YoY change (%)	8.6	0.8	2.2	3.1	4.0	4.5	6.5	9.0	3.5	6.0	5.9	
Other operating income	409	624	645	553	1,204	1,013	1,293	566	2,231	4,077	1,040	(45.5)
YoY change (%)	-13.4	48.3	-32.3	-57.8	194.6	62.4	100.5	2.4	-29.3	82.8	88.0	
Total Revenue	40,107	44,329	42,563	40,694	42,503	46,676	45,926	44,322	1,67,693	1,79,427	43,554	1.8
YoY change (%)	8.4	1.2	1.4	1.1	6.0	5.3	7.9	8.9	2.9	7.0	7.0	
Gross Profit	16,820	19,011	18,673	18,269	18,449	19,381	17,784	17,773	72,772	73,386	17,404	2.1
Margins (%)	41.9	42.9	43.9	44.9	43.4	41.5	38.7	40.1	43.4	40.9	40.0	
EBITDA	6,889	8,724	8,211	7,874	7,537	7,834	8,449	8,052	31,698	31,872	7,839	2.7
Margins (%)	17.2	19.7	19.3	19.4	17.7	16.8	18.4	18.2	18.9	17.8	18.0	
YoY growth (%)	37.6	22.6	0.4	-1.7	9.4	-10.2	2.9	2.3	12.0	0.5	-0.5	
Depreciation	708	717	781	799	739	761	824	810	3,005	3,133	828	
Interest	531	534	311	264	290	346	446	307	1,640	1,388	390	
Other Income	539	524	506	573	556	460	625	630	2,142	2,271	622	
PBT	6,190	7,997	7,625	7,384	7,064	7,187	7,804	7,566	29,196	29,621	7,243	4.5
Tax	1,665	2,121	2,026	1,980	1,762	1,836	1,961	1,928	7,793	7,487	1,795	
Rate (%)	26.9	26.5	26.6	26.8	24.9	25.5	25.1	25.5	26.7	25.3	24.8	
Adjusted PAT	4,555	5,865	5,586	5,366	5,295	5,317	5,823	5,591	21,371	22,027	5,428	3.0
YoY change (%)	35.7	19.5	0.3	-3.8	16.3	-9.3	4.3	4.2	10.1	3.1	1.1	

E: MOFSL Estimates

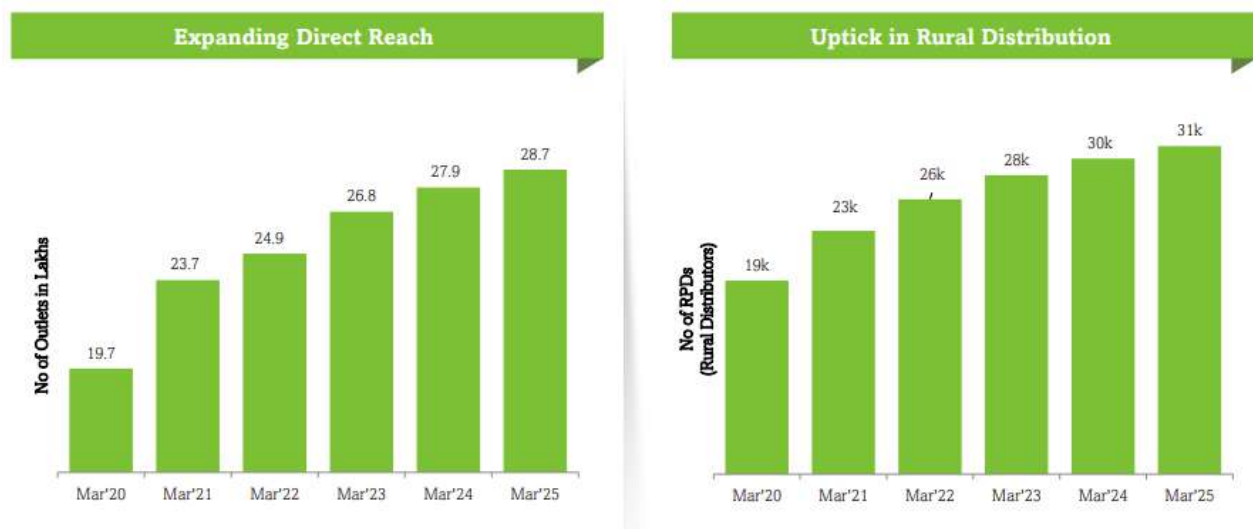
Key exhibits

Exhibit 1: Volume growth (pack) stood at 3% YoY in 4QFY25



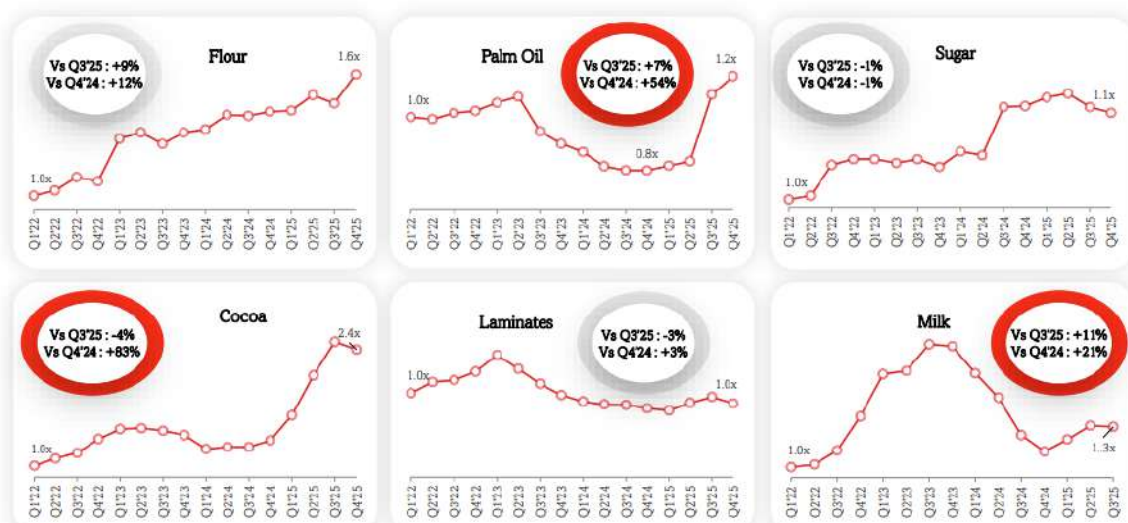
Source: Company, MOFSL

Exhibit 2: Improving efficiency in distribution



Source: Company presentation

Exhibit 3: Overall commodity prices softened in 3QFY25



Source: Company presentation



Key takeaways from the management commentary

Business environment and performance

- Macro trends are improving, indicating a gradual consumption recovery in FY26.
- In 4QFY25, delta is 5.5% between volume and revenue. With moderation in RM prices, BRIT does not expect any more price hikes.
- BRIT has expanded its direct reach from 2.79m outlets to 2.87m outlets and has strengthened its rural distribution to 31,000 distributors from 30,000 in FY24.
- BRIT's market share has largely remained stable QoQ.
- Competition from D2C players is not a matter of concern for BRIT. However, with MT and QC growing, BRIT will remain watchful of any developments in D2C space.
- BRIT has continued to leverage E-com channel. In FY25, E-com revenue grew 7.4x compared to other channels. BRIT also launched E-com only products. E-com and QC account for ~4% of total sales, and they are growing fast, though the overall salience is relatively low. In QC, packaged foods' salience is lower compared to groceries and personal care categories.
- On campaigns, BRIT launched special edition packs in partnership with Avani Lekhara – India's first woman to win two Gold Medals at the Paralympics. Also, strengthening the 'Chai' association for Good Day in partnership with Chai Point at the Maha Kumbh.
- On NPDs, launched Grow – developed with 16 essential nutrients for kids; New Britannia Cheese – with superior taste, creamier texture; relaunched Cake with a softer, tastier and fruitier proposition and initial traction for new cakes has been encouraging.
- New launches are being more focused on premium side. The overall premium portfolio continues to do well for BRIT.
- BRIT's media investments focus on innovations and adjacencies.
- Price increases actioned during the quarter to counter inflation and sustain margins coupled with stepping up of cost saving initiatives.
- Remain vigilant of the competitive pricing actions at both regional and national levels.
- BRIT stated that focus will remain on sustaining margins while remaining competitive.
- In FY26, BRIT expects both volume- and value-led revenue growth. However, given the price hikes, it expects a delta between volume and value growth.
- Succession planning is in play, and CEO will be announced in the next 3-4 months, till then Mr. Varun Berry will be acting as interim CEO.
- The RTM 2.0 strategy aims to expand distribution, enhance sales capabilities, upgrade technology, and improve street-level engagement, which will help BRIT to increase its depth and width in rural markets.
- Its current direct reach is 2.9m and total reach is 6.5m in the 9m outlets FMCG category.
- BRIT remains open to inorganic growth opportunities.

Adjacent categories

- Croissant and Wafers grew ~3x of Biscuits in FY25, led by improving channel mix.
- The cakes portfolio was relaunched with the recipe and product enhancement and exciting packaging, which led to healthy traction.
- Rusk – High single-digit value growth backed by healthy volumes driven by revamped packaging rolled out in Apr'25. Overall competitive intensity in the category remains high as there are ~2,500 players (mostly regional) as per BRIT.
- Drinks – Healthy Double-digit growth across channels.
- Cheese – The newly developed product, leveraging French expertise, exhibiting positive early market traction. Few players offer heavy discounts in alternate channels as they do not have distribution system, which impacts BRIT. Now the company has launched same pricing across channels, which is resulting in 40%+ growth in its traditional channel.
- Cake, rusk, dairy and bread are ~INR8b each, while newer categories launched in the last 4-5 years such as croissants, milkshakes and wafers are in the range of INR1-2.5b. ~75:25 is the split between old and new categories.
- BRIT does not plan to venture into any another category and will focus on strengthening its current adjacent categories. The growth in these categories is 50% higher than that of the core biscuits portfolio.
- International business maintained a profitable growth path across the Middle East, Africa and the Rest of International markets.

Cost and margins

- Steep RM inflation seen in 4QFY25 as Flour was up 12% YoY, Palm oil up 54% YoY, Cocoa up 83% YoY and milk up 21% YoY. BRIT took price hikes to mitigate the same.
- BRIT does not expect any deflation in wheat prices in the coming quarters.
- Management highlighted that EBITDA margin will be maintained at 17-18%.
- Wheat and oil are ~30% each and sugar is ~20% of total RM basket for FY25.
- Other income for FY26 should stabilize at the current range. It is mainly the government incentives for the plants set up by BRIT.
- FY25 saw 9x higher cost savings than FY14. Almost 2.5% savings by cost efficiencies. For FY26, BRIT expects more than 2.5% of saving.
- 79% of packaging plastic recyclable, improvement of 17% YoY. 75% of laminate waste recycled, improvement of 23% YoY.

Valuation and view

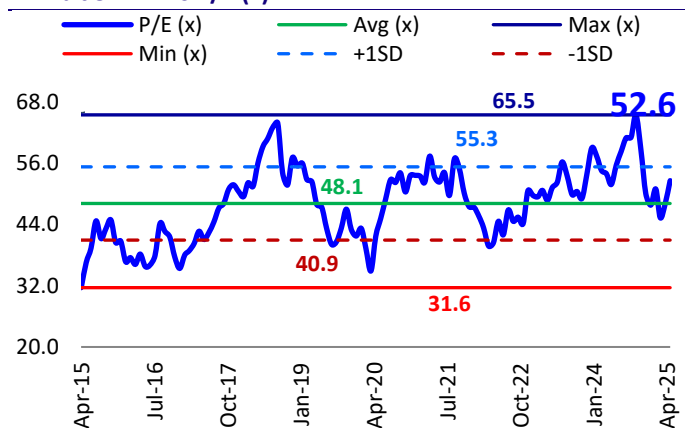
- We largely maintain our EPS estimates for FY26/FY27.
- BRIT focuses on expanding its distribution, primarily in rural areas, innovating products, and scaling up in related categories.
- While BRIT focuses on sustaining margins, volatile commodity prices and competitive intensity at both regional and national levels could weigh on BRIT's margins. The margin is likely to remain volatile in the near term. We model EBITDA margin of 18% in FY26E and 18.3% in FY27E.
- We believe urban demand will recover gradually and growth in packaged food categories will also improve. With pricing action initiated, we expect revenue growth to remain healthy, along with a gradual recovery in gross margin. **We reiterate our Neutral rating with a TP of INR5,850 (premised on 50x FY27E EPS).**

Exhibit 4: No material changes in our EPS estimates for FY26/FY27

(INR b)	New		Old		Change (%)	
	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
Net Sales	195.9	214.3	194.7	212.0	0.6	1.1
EBITDA	35.3	39.3	35.1	38.9	0.6	1.1
Adjusted PAT	24.8	28.0	24.7	27.7	0.3	1.2

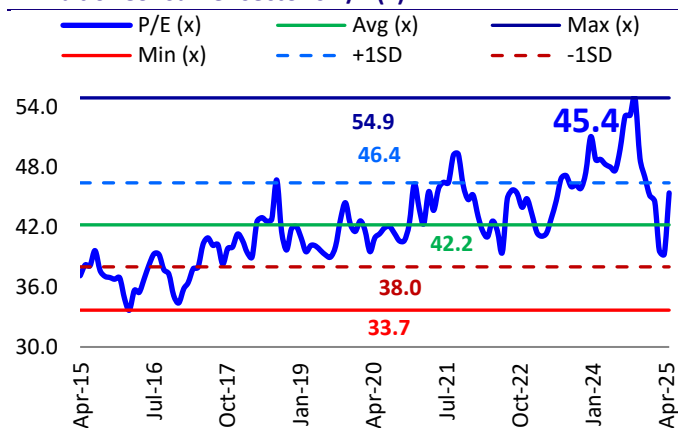
Source: Company, MOFSL

Exhibit 5: BRIT's P/E (x)



Source: MOFSL

Exhibit 6: Consumer sector's P/E (x)



Source: MOFSL

Financials and valuations

Income Statement								(INR m)	
Y/E March	2019	2020	2021	2022	2023	2024	2025	2026E	2027E
Net Revenues	1,10,547	1,15,996	1,31,361	1,41,363	1,63,006	1,67,693	1,79,427	1,95,880	2,14,272
Change (%)	11.5	4.9	13.2	7.6	15.3	2.9	7.0	9.2	9.4
Raw Material Cost	65,615	69,275	76,261	87,603	95,913	94,920	1,06,041	1,14,590	1,24,706
Gross Profit	44,932	46,721	55,100	53,760	67,093	72,772	73,386	81,290	89,565
Margin (%)	40.6	40.3	41.9	38.0	41.2	43.4	40.9	41.5	41.8
Advertising	5,008	4,754	4,515	4,173	6,751	6,945	6,945	7,835	8,571
% of Sales	4.5	4.1	3.4	3.0	4.1	4.1	3.9	4.0	4.0
Other Expenditure	22,590	23,535	25,493	27,571	32,033	34,129	34,570	38,138	41,719
EBITDA	17,334	18,432	25,093	22,015	28,309	31,698	31,872	35,317	39,276
Change (%)	15.4	6.3	36.1	-12.3	28.6	12.0	0.5	10.8	11.2
Margin (%)	15.7	15.9	19.1	15.6	17.4	18.9	17.8	18.0	18.3
Depreciation	1,619	1,848	1,978	2,005	2,259	3,005	3,133	3,664	3,839
Int. and Fin. Charges	91	769	1,109	1,443	1,691	1,640	1,388	1,128	800
Financial Other Income	2,065	2,794	3,129	2,228	2,159	2,142	2,271	2,585	2,805
PBT	17,689	18,609	25,134	20,795	26,518	29,196	29,621	33,110	37,442
Change (%)	16.5	5.2	35.1	-17.3	27.5	10.1	1.5	11.8	13.1
Margin (%)	16.0	16.0	19.1	14.7	16.3	17.4	16.5	16.9	17.5
Tax	5,998	4,477	6,571	6,122	7,210	7,657	7,417	8,334	9,424
Deferred Tax	127	30	59	-499	-45	136	70	0	0
Tax Rate (%)	34.6	24.2	26.4	27.0	27.0	26.7	25.3	25.2	25.2
PAT	11,564	14,102	18,504	15,172	19,408	21,371	22,134	24,776	28,018
Change (%)	15.2	21.9	31.2	-18.0	27.9	10.1	3.6	11.9	13.1
Margin (%)	10.5	12.2	14.1	10.7	11.9	12.7	12.3	12.6	13.1
Non-rec. (Exp.)/Income	0	-170	-6	10	3,756	29	-248	0	0
Reported PAT	11,555	13,935	18,506	15,179	23,218	21,400	21,779	24,669	27,910

Balance Sheet

Y/E March	2019	2020	2021	2021	2023	2024	2025E	2026E	2027E
Share Capital	240	241	241	241	241	241	241	241	241
Reserves	42,292	43,788	35,236	25,340	35,102	39,174	43,316	49,436	58,315
Networth	42,533	44,028	35,477	25,581	35,343	39,415	43,557	49,677	58,556
Minority Interest	327	357	363	275	302	245	256	256	256
Loans	1,380	15,141	20,872	25,338	29,805	20,412	12,248	10,748	9,248
Capital Employed	44,247	59,525	56,712	51,194	65,450	60,072	56,061	60,680	68,059
Gross Block	20,615	24,750	26,201	28,087	39,481	45,128	50,128	52,628	55,128
Less: Accum. Depn.	-5,035	-7,358	-9,630	-11,951	-14,210	18,119	21,468	25,133	28,972
Net Fixed Assets	15,579	17,392	16,571	16,136	25,271	26,413	27,710	27,496	26,156
Goodwill on consolidation	1,304	1,390	1,359	1,396	1,282	1,298	1,328	1,359	1,359
Capital WIP	1,012	396	1,165	5,357	1,050	1,875	892	892	892
Investments	14,763	28,932	27,807	17,624	33,242	27,667	28,831	28,995	33,995
Current	7,499	10,088	13,933	8,337	18,010	16,965	11,116	16,116	21,116
Non-current	7,264	18,845	13,874	9,286	15,233	10,702	17,715	12,879	12,879
Deferred Liability	-99	-69	-10	-509	-554	-418	-421	-439	-439
Currents Assets	29,623	30,117	33,089	34,126	32,110	33,043	29,185	34,956	42,111
Inventory	7,814	7,410	10,915	13,675	11,933	11,812	12,365	13,499	14,766
Account Receivables	3,942	3,204	2,573	3,319	3,289	3,933	4,486	4,897	5,357
Cash and Bank Balance	1,098	1,229	2,376	1,849	1,980	4,464	3,125	6,518	11,015
Others	16,768	18,275	17,225	15,283	14,908	12,834	9,209	10,042	10,972
Curr. Liab. & Prov.	18,133	18,770	23,289	23,953	28,058	30,643	32,307	33,457	36,892
Account Payables	11,405	11,163	13,148	12,852	14,488	16,275	17,522	17,042	18,642
Other Liabilities	3,917	5,085	5,506	6,250	8,180	8,470	8,412	9,215	10,106
Provisions	2,811	2,522	4,636	4,851	5,390	5,898	6,372	7,200	8,144
Net Current Assets	11,490	11,347	9,800	10,173	4,052	2,400	-3,121	1,500	5,218
Net Assets	44,247	59,525	56,711	51,194	65,450	60,072	56,061	60,680	68,059

E: MOFSL Estimates

Financials and valuations

Ratios

Y/E March	2019	2020	2021	2022	2023E	2024	2025	2026E	2027E
Basic (INR)									
EPS	48.1	58.6	76.8	63.0	80.6	88.7	91.9	102.8	116.3
BV/Share	177.0	183.1	147.3	106.2	146.7	163.6	180.8	206.2	243.1
DPS	15.0	35.0	62.0	56.5	72.0	73.5	75.0	77.0	79.0
Payout (%)	31.2	59.7	80.7	89.7	89.4	82.9	81.6	74.9	67.9
Valuation (x)									
P/E	116.6	95.7	73.0	89.1	69.6	63.2	61.0	54.5	48.2
EV/Sales	12.1	11.5	10.2	9.6	8.3	8.0	7.4	6.8	6.1
EV/EBITDA	76.9	72.4	53.5	61.6	47.5	42.3	41.8	37.6	33.5
P/BV	31.7	30.6	38.1	52.8	38.2	34.3	31.0	27.2	23.1
Dividend Yield	0.3	0.6	1.1	1.0	1.3	1.3	1.3	1.4	1.4
Return Ratios (%)									
RoE	30.2	32.6	46.5	49.7	63.7	57.2	53.4	53.1	51.8
RoCE	25.6	24.2	29.3	27.1	32.6	33.5	37.0	40.6	41.2
RoIC	42.2	44.6	62.6	56.4	68.5	76.2	87.2	99.8	114.2
Working Capital Ratios									
Debtor (Days)	13	10	7	9	7	9	9	9	9
Asset Turnover (x)	2.5	1.9	2.3	2.8	2.5	2.8	3.2	3.2	3.1
Leverage Ratio									
Debt/Eruity (x)	0.0	0.3	0.6	1.0	0.8	0.5	0.3	0.2	0.2

Cash Flow Statement

Y/E March	2019	2020	2021	2022	2023	2024	2025	2026E	2027E
OP Profit	17,689	18,439	25,128	20,785	30,274	29,167	29,373	33,110	37,442
Dep	1,619	1,848	1,979	2,005	2,259	3,005	3,133	3,664	3,839
Financial Other Income	-487	-684	-469	-251	-4,129	-256	-826	0	0
Net Interest Paid	1,277	999	1,238	403	-60	148	-60	-1,128	-800
Direct Taxes Paid	5,961	5,033	6,328	5,869	7,258	7,649	6,892	8,334	9,424
Inc in WC	25	-1,274	562	3,273	-4,057	-1,611	42	1,246	-758
CF from Operations	11,558	14,845	18,511	12,995	25,262	25,730	24,807	28,322	33,415
(Inc)/Dec in FA	-3,994	-2,434	-2,399	-5,470	-6,330	-4,970	-3,703	-2,531	-2,500
Free Cash Flow	7,564	12,411	16,112	7,525	18,932	20,760	21,104	25,791	30,915
(Pur.)/Sale of Investments	-3,341	-13,266	1,788	10,480	-11,180	5,802	-256	-164	-5,000
Other Non Rec Exp	-1,462	406	5,685	3,926	2,663	4,227	5,432	-1,057	-87
CF from Investments	-8,797	-15,294	5,074	8,936	-14,848	5,059	1,473	-3,752	-7,587
Inc in Debt	-419	4,900	5,642	3,239	5,265	-9,337	-1,252	-1,500	-1,500
Dividend Paid	3,544	4,325	28,238	24,849	13,592	17,325	17,675	18,549	19,031
Other Item	94	355	1,013	849	1,957	1,643	8,691	1,128	800
CF from Fin. Activity	-3,527	579	-22,437	-22,458	-10,284	-28,305	-27,619	-21,177	-21,331
Inc/Dec of Cash	-766	130	1,148	-527	131	2,484	-1,339	3,393	4,497
Add: Beginning Balance	1,864	1,098	1,228	2,376	1,849	1,980	4,464	3,125	6,518
Closing Balance	1,098	1,228	2,376	1,849	1,980	4,464	3,125	6,518	11,015

E: MOFSL Estimates

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	>=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. 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 (erstwhile Motilal Oswal Securities Limited - MOSL) 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. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at <http://online.reports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.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>

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 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

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 . AMFI: ARN : 146822. IRDA Corporate Agent – CA0579. 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 dp@grievances@motilaloswal.com.