

# Cummins India

BSE SENSEX 81,287 S&P CNX 25,179



	KKC IN
Bloomberg	
Equity Shares (m)	277
M.Cap.(INRb)/(USD\$b)	1357.8 / 14.9
52-Week Range (INR)	4987 / 2580
1, 6, 12 Rel. Per (%)	25/26/63
12M Avg Val (INR M)	2156

## Financials & Valuations (INR b)

Y/E MARCH	FY26E	FY27E	FY28E
Net Sales	119.8	140.6	165.7
EBITDA	25.2	29.5	34.9
PAT	24.2	28.5	33.6
EPS (INR)	87.2	102.9	121.2
GR. (%)	21.6	18.0	17.8
BV/Sh (INR)	284.3	324.9	373.0

## Ratios

ROE (%)	32.4	33.8	34.7
RoCE (%)	30.6	32.2	33.2

## Valuations

P/E (X)	56.3	47.7	40.5
P/BV (X)	17.3	15.1	13.2
EV/EBITDA (X)	53.0	45.0	37.9
Div Yield (%)	1.0	1.2	1.4

## Shareholding pattern (%)

As On	Dec-25	Sep-25	Dec-24
Promoter	51.0	51.0	51.0
DII	20.7	21.8	21.9
FII	19.4	18.4	18.1
Others	8.9	8.8	9.0

FII Includes depository receipts

**CMP: INR4,898 TP: INR5,500 (+12%) Buy**

## Demand environment remains strong

### Key takeaways from our interaction with the management

We reiterate our positive stance on Cummins India (KKC) post our recent meeting with the management. The company continues to benefit from: 1) healthy demand momentum in powergen, coupled with strong growth opportunities from fast-growing data centre market, 2) improving demand for industrial segment, which was impacted in 9MFY26 due to slower capex, 3) higher installed base for distribution, and 4) improving trends in exports. Cummins has already localized 70-80% of CPCB 4+ genset requirements and can easily expand capacity in order to cater to increased demand requirements. We revise our estimates upwards by 5%/7% for FY27/28 to bake in better demand for HHP, distribution, and correspondingly better margins on improved product mix. We reiterate BUY with a revised TP of INR5,500 based on 45x Mar'28 earnings. We revise our multiple upward from 42x to 45x, factoring in the stronger data centre demand outlook and the company's ability to capitalize on it, supported by its market leadership in the segment.

## Powergen market demand remains strong

KKC's powergen segment demand remains strong across kVA ranges. Below 750kVA ranges, demand is being driven by infrastructure, real estate, and manufacturing, while for HHP, demand drivers remain strong across data centres, hotels, and hospitals. The data centre market demand is being driven by colocation as well as hyperscalers. The company expects this demand momentum for product as well as project businesses to sustain going forward, supported by increasing investments toward data centres. Project business may continue to remain lumpy for the initial few years, as the company recognizes project revenues only at the time of installation. The company is continuously evaluating opportunities with its clients and is hopeful of materializing more additions as Indian data center market matures over time. The ordering-to-delivery timeline is typically two years, and hence, we believe growth for company in the HHP segment can continue to remain strong for the next few years as the DC market grows. We revise our powergen revenue estimates upwards and expect this segment's revenues to clock a 17% CAGR over FY25-28.

## Localization benefits can further play out with scale

The company indicated that localization for any engine depends on economies of scale. For K38 and K50 engines, company has been able to localize fully due to higher demand for these in both domestic and international markets. It is also enhancing capacity to increase per-day output for these. For new CPCB 4+ gensets too, KKC has been able to achieve 70-80% localization. For data centred requirements, most demand comes for QSK60, QSK78, and QSK95 – of which QSK60 is made by the company, while QSK78 and QSK95 are imported. Non-hyperscaler requirements mostly come for QSK60, while hyperscalers require QSK78 and QSK95, which cost around INR50-110m per unit. Company plans to localize these once it sees strong sustainable demand and market for them in India. Players like Caterpillar and MTU do have QSK78 and QSK95 engines, but KKC is ahead of competition as it provides a value-added service to the customers, services, engineers on board, extended AMCs, a strong distribution network, and easier availability of parts.

**Teena Virmani - Research Analyst** (Teena.Virmani@MotilalOswal.com)

**Research Analyst: Prerit Jain** (Prerit.Jain@MotilalOswal.com); **Vatsal Magajwala** (Vatsal.Magajwala@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](http://www.motilaloswal.com/Institutional-Equities), Bloomberg, Thomson Reuters, Factset and S&P Capital.

### **Industrial business outlook positive on increased tendering activity**

Industrial demand remains strong in defence and marine, while mining remains relatively subdued. For railways, the company has supplied two hotel load converters and given demos for 3T technology for rail electrification, which will run on Vande Bharat trains. Defence demand remains strong, supported by higher budgetary allocations and indigenization efforts, particularly in marine defence, where engine sales are complemented by multi-year parts and service commitments. Marine activity has also improved under port modernization and Sagarmala initiatives, benefiting both commercial and government shipbuilding programs. Industrial segment's 9MFY26 performance was impacted by prolonged monsoons that slowed construction activity, but execution has begun normalizing with a gradual pickup. We, thus, increase our industrial segment's estimates to grow at an 11% CAGR over FY25-28.

### **Distribution segment backed by expanding installed base**

The distribution segment remains a high-growth business, driven by: 1) spare parts, 2) warranty and annual maintenance contracts, and 3) third-party components along with rebuild and service solutions. Spare parts contribute the largest share, supported by a growing installed base, while multi-year maintenance contracts ensure recurring income and customer stickiness. Management highlighted that CPCB-IV+ has inbuilt telematics and fault code monitoring for predictive maintenance, and these are up for warranty renewal starting from July'26. Thirdly, RECD (retrofit emission control devices) are being deployed for older CPCB-II engines in emission sensitive regions to ensure regulatory compliance. The company operates through more than 200 customer care touchpoints, around 480 service response locations, and over 3,500 service engineers, enabling strong field penetration and uptime assurance. Management sees sustained growth in the distribution business with a widening asset base and increasing rebuild opportunities as engines age. We expect segment revenue to expand at a CAGR of 23% over FY25-28.

### **Exports to normalize in coming quarters**

For exports, while there was moderation in certain regions during the previous quarter due to inventory adjustments by channel partners, management expects gradual normalization beginning from 4QFY26 onwards as stocking levels stabilize. Demand patterns are region-specific, with low horsepower demand coming mostly from Turkey, Chile, and Mexico, while mid-HP demand has been fairly consistent from the Middle East and Africa. HHP demand has particularly come from European markets. The export strategy is aligned with KKC's global supply chain architecture, where India serves specific geographies based on product capability and cost competitiveness. Over the medium term, export growth will be linked to regional infrastructure demand and order visibility. We expect exports to expand at a CAGR of 16% over FY25-28.

### **BESS complementary to powergen**

Battery energy storage systems (BESS) represent an emerging opportunity, positioned as a complementary solution to diesel gensets rather than a replacement. The company has completed demonstrations across more than 25

states covering over 4,500 kilometres and received over 180+ customer inquiries. It offers containerized 100 to 300 kilowatt solutions that can provide 2-4 hours of backup and help customers manage peak or high tariff periods by storing grid or renewable energy for later use. Target segments include residential complexes, healthcare, water treatment, remote industrial sites, mining, and EV charging infrastructure. The product is currently imported and remains in the solutionizing stage, with management indicating gradual scaling as energy economics improve.

### **KKC and CTIL operating framework**

KKC primarily caters to the off-highway segment, including industrial, powergen, railways, marine, mining, and defence applications, with manufacturing scale largely in the 40-60 litre engine range, whereas Cummins Technologies India Private Limited (CTIL) operates in the on-highway domain and manufactures engines and components suited for on-highway applications, including certain litre platforms, such as the 23 litre engine. Management stated that while both entities are not comparable in terms of business mix, they both function under distinct products and end-markets within the broader Cummins group framework.

### **Financial outlook**

We increase our estimates by 5%/7% for FY27/FY28 to factor in higher growth across segments and slightly better margins. We expect a revenue/EBITDA/PAT CAGR of 17%/19%/ 19% over FY25-28; we also model an EBITDA margin of 21.0%/21.0%/21.1% for FY26/FY27/FY28.

### **Valuation and recommendation**

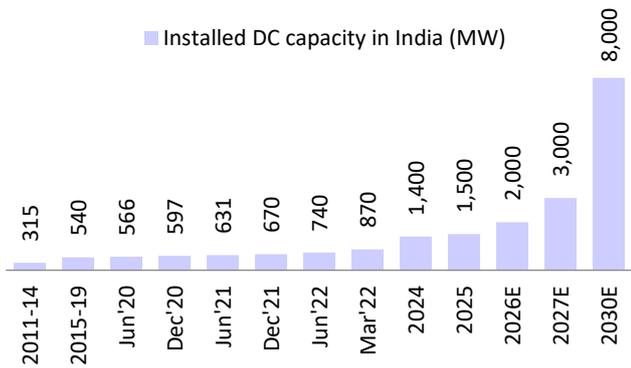
The stock currently trades at 56.3x/47.7x/40.5x on FY26/FY27/FY28E EPS. **We reiterate our BUY rating on the stock with a revised TP of INR5,500 (based on 45x Mar'28E earnings).** Our revised multiple from 42x earlier to 45x takes into account the improved demand scenario for data centres and the company's ability to benefit from this, owing to its market leadership in this segment.

### **Key risks and concerns**

Key risks to our recommendation would come from lower-than-expected demand for key segments, higher commodity prices, intensified competition, and lower-than-expected recovery in exports.

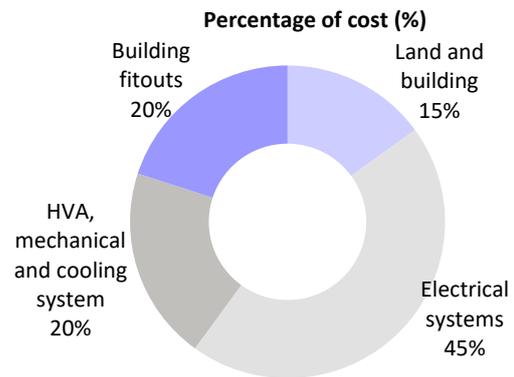
## Key segments of KKC continue to benefit from better demand

**Exhibit 1: Data centre market is witnessing sharp growth with multiple projects already under development**



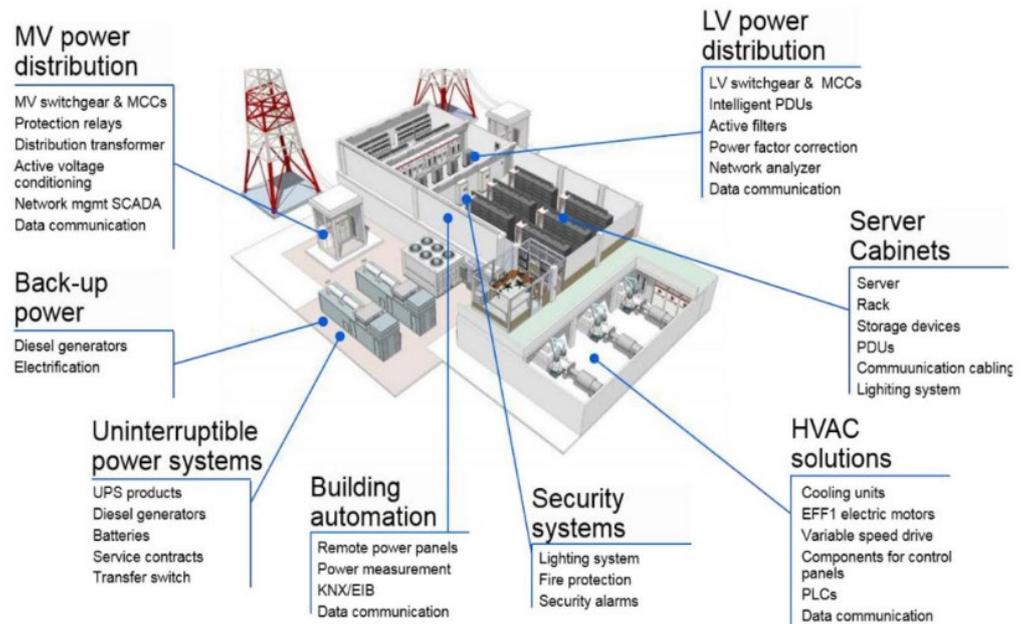
Source: Industry, MOFSL

**Exhibit 2: KKC remains a market leader in addressing the power backup demand in setting up of data centres**



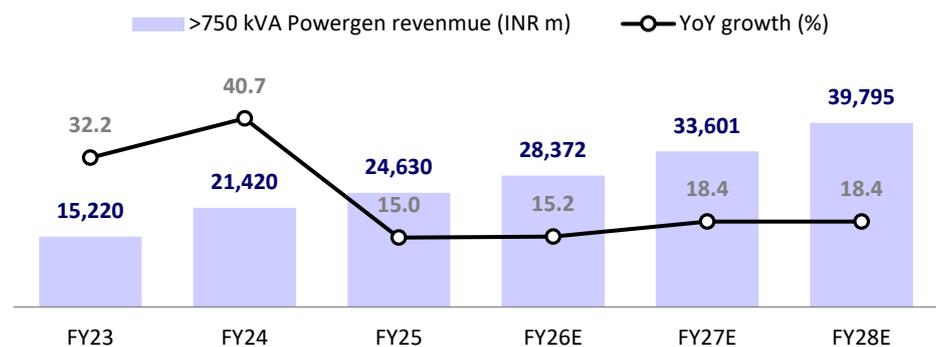
Source: Industry, MOFSL

**Exhibit 3: Electrical distribution system in a data center**



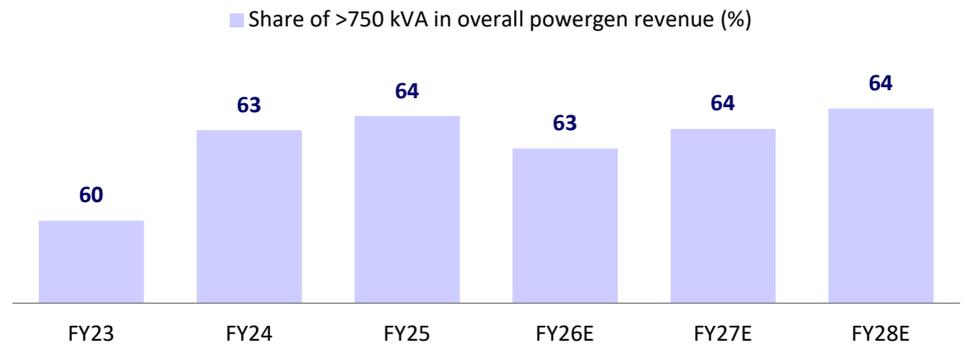
Source: Company, MOFSL

**Exhibit 4: Growth of >750kVA powergen revenue for KKC from FY23-28**



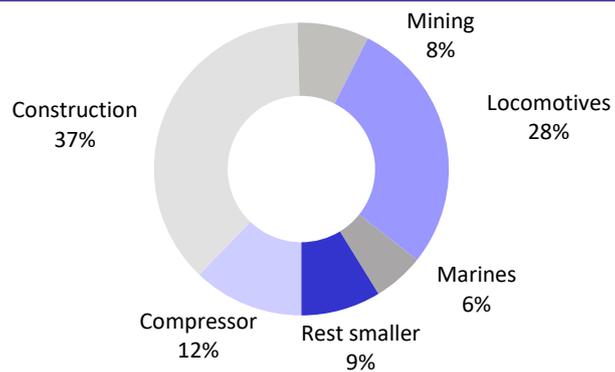
Source: Company, MOFSL

**Exhibit 5: Share of >750kVA powergen revenues to remain high going forward**



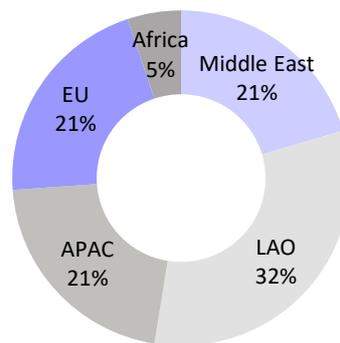
Source: Company, MOFSL

**Exhibit 6: Industrial segment revenues are broad-based, with construction, rail, and mining forming a larger chunk (FY25)**



Source: Company, MOFSL

**Exhibit 7: Exports mix remains diversified across geographies too (FY25 )**



Source: Company, MOFSL

**Exhibit 8: Wide distribution network of KKC sets it apart from players**

Description	Cummins India	KOEL	Mahindra Powerol	Greaves Cotton	MTU	Caterpillar	Baudouin
<b>Product range</b>	7.5-3750 kVa	2.8-3000 kVa	5.0-625 kVA	5-2500 kVA	30-4000 kVa	400-2250 kVa (CAT and Perkins)	250-4000kVa (CPCB 4+ is from 100-750kVa)
<b>Manufacturing location</b>	4 - Pune, Nandal (Satara), Post Kasar Amboli (Pune), Chennai	5 - Pune, Kagal, Nasik, Rajkot and Bhare	2 - Pune and Delhi	Aurangabad		5 - Tiruvallur (TN), Hosur (TN), Aurangabad (Maharashtra)	2- Engine manufacturing at Pune, full genset at Satara
<b>Other details</b>			Number 2 in India in terms of volume in FY24			It is a brand of Rolls Royce Power systems AG	More of CKD unit, source most material from China
<b>Service network</b>	+450	+432 authorized service centres across India	300+	NA	13 in India	7 locations plus dealer network of OEMs	25 locations
<b>Dealer network</b>	21 authorized dealerships, 120+ dealership branch offices	450+	+200	435+		North, East, North-eastern, South, West, Central India	Own network of 25 locations
<b>OEMs</b>	3	9	11	8	6	2	2
<b>OEM names</b>	Sudhir Power, Jakson Group, Powerica	Kala Genset, Sunbeam generators, GOEL Power engineers, Western consolidated, Electro equipments, Elmech Engineers, Green Field Enterprises, Industrial Equipment, Powerline	Joyshree Powerol, Perfect Generator Technologies, Gangadhar Industries, G. S. P. POWER SYSTEMS, Rahim Engineering Works, Sharda Diesels, Escon Genset, Southern Gensets, Shyam Global Techoventures, Tanwar Industries, Recon Technologies		Diesel Genset, Gas Genset, Dynamic UPS, Energy Storage, Containerized Solutions and Accessories and Gendrive Engines	Gainwell Commosales, GMMCO	Powerparts, Sterling Generators

Source: Company, MOFSL

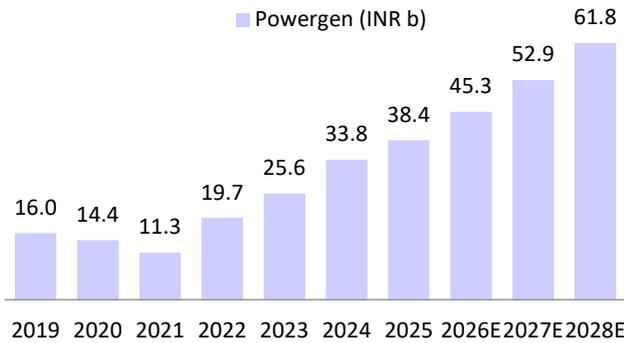
**Exhibit 9: We increase our FY27/FY28 estimates to factor in higher growth across segments and slightly better margins**

(INR M)	FY26E			FY27E			FY28E		
	Rev	Old	Chg (%)	Rev	Old	Chg (%)	New	Old	Chg (%)
Net Sales	1,19,835	1,19,835	-	1,40,615	1,38,217	1.7	1,65,713	1,60,122	3.5
EBITDA	25,153	25,153	-	29,536	27,651	6.8	34,884	32,149	8.5
EBITDA (%)	21.0	21.0	0 bps	21.0	20.0	100 bps	21.1	20.1	97 bps
Adj. PAT	24,160	24,160	-	28,516	27,112	5.2	33,596	31,606	6.3
EPS (INR)	87.2	87.2	-	102.9	97.8	5.2	121.2	114.0	6.3

Source: Company, MOFSL

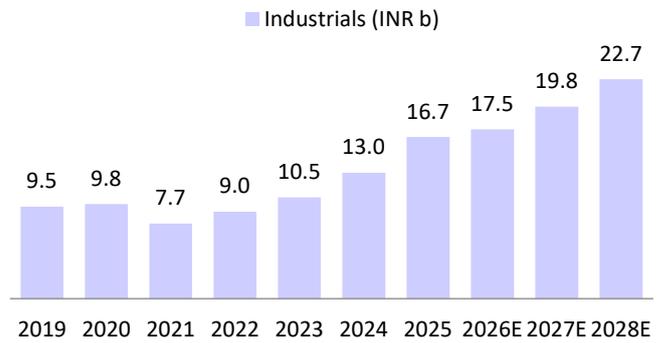
## Financial outlook

**Exhibit 1: We expect a 17% CAGR in the Powergen segment over FY25-FY28**



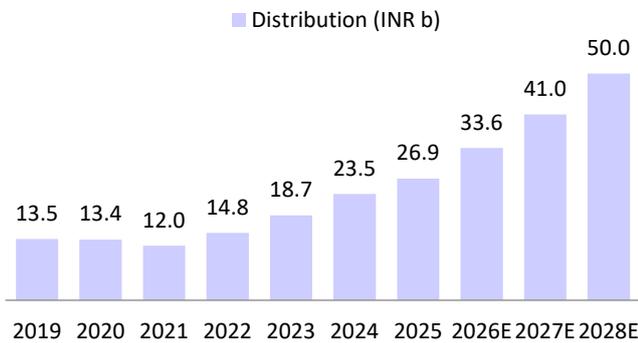
Source: Company, MOFSL

**Exhibit 2: We expect an 11% CAGR in the Industrial segment over FY25-FY28**



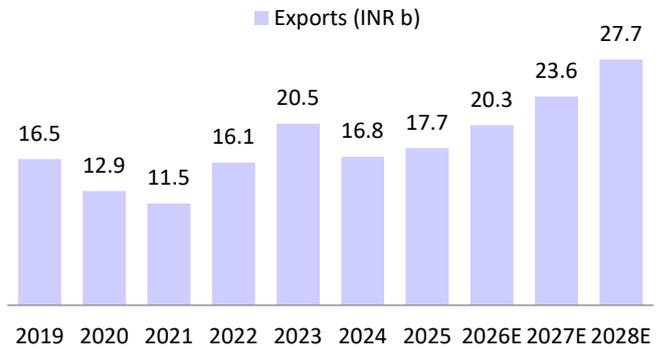
Source: Company, MOFSL

**Exhibit 3: We project a 23% CAGR in the Distribution segment over FY25-FY28**



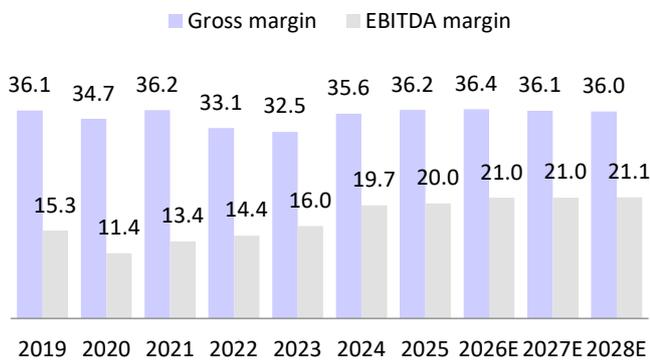
Source: Company, MOFSL

**Exhibit 4: Exports to clock a 16% CAGR on a low base over FY25-FY28E**



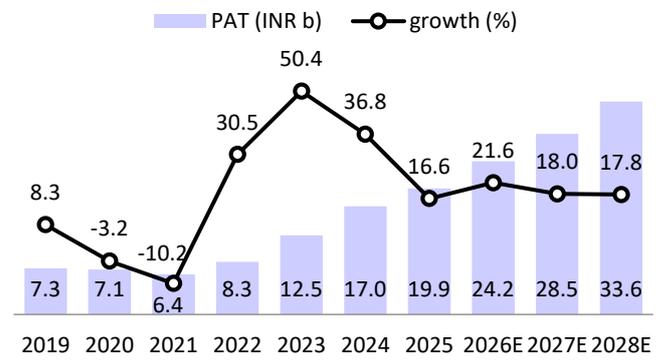
Source: Company, MOFSL

**Exhibit 5: We expect margins to be stable post-FY25**



Source: Company, MOFSL

**Exhibit 6: We expect PAT CAGR of 19% over FY25-28E**



Source: Company, MOFSL

## Financials and Valuation

Standalone - Income Statement								(INR m)
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28E
<b>Total Income from Operations</b>	<b>43,292</b>	<b>61,404</b>	<b>77,444</b>	<b>89,586</b>	<b>1,03,394</b>	<b>1,19,835</b>	<b>1,40,615</b>	<b>1,65,713</b>
Change (%)	-16.1	41.8	26.1	15.7	15.4	15.9	17.3	17.8
Raw Materials	27,606	41,068	52,309	57,701	65,916	76,215	89,853	1,06,059
<b>Gross Profit</b>	<b>15,687</b>	<b>20,336</b>	<b>25,135</b>	<b>31,886</b>	<b>37,478</b>	<b>43,620</b>	<b>50,762</b>	<b>59,655</b>
Employee Cost	4,926	5,956	6,298	7,793	7,740	8,191	9,886	11,650
Other Expenses	4,965	5,529	6,411	6,479	9,058	10,276	11,341	13,121
<b>Total Expenditure</b>	<b>37,497</b>	<b>52,553</b>	<b>65,018</b>	<b>71,972</b>	<b>82,714</b>	<b>94,682</b>	<b>1,11,079</b>	<b>1,30,830</b>
% of Sales	86.6	85.6	84.0	80.3	80.0	79.0	79.0	78.9
<b>EBITDA</b>	<b>5,795</b>	<b>8,851</b>	<b>12,426</b>	<b>17,614</b>	<b>20,680</b>	<b>25,153</b>	<b>29,536</b>	<b>34,884</b>
Margin (%)	13.4	14.4	16.0	19.7	20.0	21.0	21.0	21.1
Depreciation	1,255	1,340	1,405	1,576	1,829	1,961	2,284	2,698
<b>EBIT</b>	<b>4,540</b>	<b>7,511</b>	<b>11,022</b>	<b>16,037</b>	<b>18,851</b>	<b>23,192</b>	<b>27,252</b>	<b>32,186</b>
Int. and Finance Charges	162	115	158	268	151	166	166	166
Other Income	3,702	2,875	4,200	5,678	6,261	7,124	8,601	10,130
<b>PBT bef. EO Exp.</b>	<b>8,080</b>	<b>10,271</b>	<b>15,064</b>	<b>21,448</b>	<b>24,961</b>	<b>30,150</b>	<b>35,687</b>	<b>42,150</b>
EO Items	0	1,059	-143	-17	0	-824	0	0
<b>PBT after EO Exp.</b>	<b>8,080</b>	<b>11,330</b>	<b>14,921</b>	<b>21,431</b>	<b>24,961</b>	<b>29,326</b>	<b>35,687</b>	<b>42,150</b>
Total Tax	1,901	2,463	3,623	4,824	5,904	7,250	8,582	10,136
Tax Rate (%)	23.5	21.7	24.3	22.5	23.7	24.7	24.0	24.0
<b>Reported PAT</b>	<b>6,179</b>	<b>8,866</b>	<b>11,298</b>	<b>16,606</b>	<b>19,058</b>	<b>22,076</b>	<b>27,105</b>	<b>32,014</b>
<b>Adjusted PAT</b>	<b>6,350</b>	<b>8,284</b>	<b>12,460</b>	<b>17,046</b>	<b>19,872</b>	<b>24,160</b>	<b>28,516</b>	<b>33,596</b>
Change (%)	-10.2	30.5	50.4	36.8	16.6	21.6	18.0	17.8
Margin (%)	14.7	13.5	16.1	19.0	19.2	20.2	20.3	20.3

Standalone - Balance Sheet								(INR m)
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28E
Equity Share Capital	554	554	554	554	554	554	554	554
Total Reserves	43,513	47,972	53,125	61,077	69,626	78,264	89,510	1,02,839
<b>Net Worth</b>	<b>44,068</b>	<b>48,527</b>	<b>53,680</b>	<b>61,631</b>	<b>70,180</b>	<b>78,819</b>	<b>90,064</b>	<b>1,03,393</b>
Total Loans	156	3,933	3,500	1,000	0	0	0	0
Deferred Tax Liabilities	823	971	1,057	941	913	913	913	913
<b>Sources of fund</b>	<b>45,047</b>	<b>53,430</b>	<b>58,237</b>	<b>63,572</b>	<b>71,093</b>	<b>79,731</b>	<b>90,977</b>	<b>1,04,306</b>
Gross Block	20,337	22,278	23,458	26,183	29,119	33,229	38,424	44,699
Less: Accum. Deprn.	8,684	10,024	11,429	13,005	14,834	16,795	19,079	21,777
<b>Net Fixed Assets</b>	<b>11,654</b>	<b>12,254</b>	<b>12,030</b>	<b>13,178</b>	<b>14,285</b>	<b>16,435</b>	<b>19,346</b>	<b>22,922</b>
Capital WIP	1,275	608	413	968	849	968	968	968
<b>Total Investments</b>	<b>13,892</b>	<b>15,939</b>	<b>21,042</b>	<b>21,927</b>	<b>18,925</b>	<b>19,045</b>	<b>19,045</b>	<b>19,045</b>
<b>Curr. Assets, Loans &amp; Adv.</b>	<b>29,950</b>	<b>39,230</b>	<b>41,625</b>	<b>48,884</b>	<b>61,829</b>	<b>69,385</b>	<b>82,245</b>	<b>97,464</b>
Inventory	5,578	7,288	8,862	9,369	10,222	13,724	16,103	18,978
Account Receivables	10,745	12,473	15,927	20,776	22,925	24,657	28,932	34,096
Cash and Bank Balance	9,652	14,267	13,808	15,047	25,103	26,474	31,893	38,125
Loans and Advances	1,517	2,646	539	505	812	689	809	953
Other Current Assets	2,459	2,556	2,488	3,188	2,767	3,841	4,507	5,312
<b>Curr. Liability &amp; Prov.</b>	<b>11,922</b>	<b>14,621</b>	<b>16,883</b>	<b>21,413</b>	<b>24,964</b>	<b>26,101</b>	<b>30,627</b>	<b>36,094</b>
Other Current Liabilities	9,723	12,362	14,497	18,602	21,644	22,424	26,312	31,009
Provisions	2,199	2,258	2,386	2,810	3,321	3,677	4,315	5,085
<b>Net Current Assets</b>	<b>18,029</b>	<b>24,609</b>	<b>24,741</b>	<b>27,472</b>	<b>36,865</b>	<b>43,284</b>	<b>51,618</b>	<b>61,370</b>
Misc Expenditure	199	21	11	27	169	0	0	0
<b>Appl. of Funds</b>	<b>45,047</b>	<b>53,430</b>	<b>58,237</b>	<b>63,572</b>	<b>71,093</b>	<b>79,731</b>	<b>90,977</b>	<b>1,04,306</b>

## Financials and Valuation

Ratios								
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28E
<b>Basic (INR)</b>								
<b>EPS</b>	<b>22.9</b>	<b>29.9</b>	<b>45.0</b>	<b>61.5</b>	<b>71.7</b>	<b>87.2</b>	<b>102.9</b>	<b>121.2</b>
Cash EPS	27.4	34.7	50.0	67.2	78.3	94.2	111.1	130.9
BV/Share	159.0	175.1	193.7	222.3	253.2	284.3	324.9	373.0
DPS	14.0	10.5	25.0	34.2	39.9	48.5	57.2	67.4
Payout (%)	62.8	32.8	61.3	57.1	58.0	60.9	58.5	58.4
<b>Valuation (x)</b>								
P/E	214.2	164.2	109.2	79.8	68.5	56.3	47.7	40.5
Cash P/E	178.9	141.3	98.1	73.1	62.7	52.1	44.2	37.5
P/BV	30.9	28.0	25.3	22.1	19.4	17.3	15.1	13.2
EV/Sales	31.2	22.0	17.4	15.0	12.9	11.1	9.4	8.0
EV/EBITDA	233.1	152.5	108.6	76.4	64.6	53.0	45.0	37.9
Dividend Yield (%)	0.3	0.2	0.5	0.7	0.8	1.0	1.2	1.4
FCF per share	24.3	28.1	23.7	36.0	52.6	54.5	77.4	90.5
<b>Return Ratios (%)</b>								
RoE	14.8	17.9	24.4	29.6	30.2	32.4	33.8	34.7
RoCE	13.9	16.8	21.0	28.1	28.9	30.6	32.2	33.2
RoIC	15.9	27.4	36.6	51.1	55.5	58.7	57.2	57.4
<b>Working Capital Ratios</b>								
Fixed Asset Turnover (x)	2.1	2.8	3.3	3.4	3.6	3.6	3.7	3.7
Asset Turnover (x)	1.0	1.1	1.3	1.4	1.5	1.5	1.5	1.6
Inventory (Days)	47	43	42	38	36	42	42	42
Debtor (Days)	91	74	75	85	81	75	75	75
Creditor (Days)	82	73	68	76	76	68	68	68
<b>Leverage Ratio (x)</b>								
Current Ratio	2.5	2.7	2.5	2.3	2.5	2.7	2.7	2.7
Interest Cover Ratio	28.1	65.3	69.8	59.9	124.7	139.4	163.9	193.5
Net Debt/Equity	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6

Standalone - Cashflow Statement								(INR m)
Y/E March	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY28E
OP/(Loss) before Tax	8,711	9,614	11,631	17,773	22,502	26,405	35,222	41,493
Direct Taxes Paid	-832	-2,543	-3,520	-4,972	-5,614	-7,250	-8,582	-10,136
<b>CF from Operating incl EO</b>	<b>7,879</b>	<b>7,071</b>	<b>8,111</b>	<b>12,801</b>	<b>16,888</b>	<b>19,155</b>	<b>26,640</b>	<b>31,357</b>
(Inc)/Dec in FA	-1,140	705	-1,540	-2,812	-2,294	-4,060	-5,195	-6,275
<b>Free Cash Flow</b>	<b>6,738</b>	<b>7,776</b>	<b>6,571</b>	<b>9,989</b>	<b>14,593</b>	<b>15,094</b>	<b>21,445</b>	<b>25,083</b>
(Pur)/Sale of Investments	-75	-7,597	376	-2,967	-7,575	-120	0	0
Others	1,371	1,030	1,857	3,106	4,056	0	0	0
<b>CF from Investments</b>	<b>155</b>	<b>-5,862</b>	<b>694</b>	<b>-2,673</b>	<b>-5,813</b>	<b>-4,180</b>	<b>-5,195</b>	<b>-6,275</b>
Dividend Paid	-3,881	-4,435	-6,237	-8,593	-10,534	-13,437	-15,860	-18,685
Others	-4,844	3,661	-607	-2,733	-1,125	-166	-166	-166
<b>CF from Fin. Activity</b>	<b>-8,724</b>	<b>-774</b>	<b>-6,844</b>	<b>-11,326</b>	<b>-11,659</b>	<b>-13,603</b>	<b>-16,026</b>	<b>-18,851</b>
<b>Inc/Dec of Cash</b>	<b>-691</b>	<b>434</b>	<b>1,960</b>	<b>-1,198</b>	<b>-585</b>	<b>1,371</b>	<b>5,419</b>	<b>6,232</b>
Opening Balance	4,538	9,652	14,267	13,808	15,047	25,103	26,474	31,893
Other adjustments	5,804	4,181	-2,420	2,437	10,641			
<b>Closing Balance</b>	<b>9,652</b>	<b>14,267</b>	<b>13,808</b>	<b>15,047</b>	<b>25,103</b>	<b>26,474</b>	<b>31,893</b>	<b>38,125</b>

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

## 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 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](http://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/PublishView/Litigation.aspx>. As per Regulatory requirements, Research Audit Report is uploaded on [www.motilaloswal.com](http://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](http://www.nseindia.com), [www.bseindia.com](http://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](mailto:grievances@motilaloswal.com).

Nainesh

Rajani

Email: [nainesh.rajani@motilaloswal.com](mailto: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.